Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9900 Jan 22 j 03:31	21°♏24'21	-0°54'24	
minimum elong	-9900 Jan 22 j 05:31	21°♏35'10	0°54'29	
	-9900 Jan 26 j 02:38	0°♐		
asc. node	-9900 Jan 28 j 00:15	4°♐04'28		
evening rise	-9900 Jan 29 j 04:32	6°♐34'03		
	-9900 Feb 10 j 16:59	0°♑		
evening max el	-9900 Feb 23 j 08:55	16°♑15'20	24°23'44	
retrograde	-9900 Mar 08 j 05:06	23°♑09'50		
evening set	-9900 Mar 12 j 14:34	22°♑26'23		
desc. node	-9900 Mar 14 j 16:41	21°♑37'30		
min. Earth dist.	-9900 Mar 18 j 22:06	19°♑17'46	0.56678 AU	
inferior conj	-9900 Mar 21 j 10:20	17°♑41'43	-1°40'51	
minimum elong	-9900 Mar 21 j 06:44	17°♑47'30	1°40'23	
morning rise	-9900 Mar 30 j 02:00	13°♑33'16		
direct	-9900 Apr 01 j 07:35	13°♑19'34		
morning max el	-9900 Apr 10 j 20:45	17°♑48'58	19°32'21	
	-9900 Apr 19 j 23:05	0°♒		
asc. node	-9900 Apr 24 j 23:33	9°♒07'58		
morning set	-9900 Apr 28 j 04:02	15°♒23'38		
	-9900 May 05 j 11:13	0°♓		
superior conj	-9900 May 06 j 09:24	1°♓49'18	1°30'38	
minimum elong	-9900 May 06 j 06:27	1°♓34'49	1°29'59	
max. Earth dist.	-9900 May 12 j 04:43	12°♓56'08	1.37441 AU	
evening rise	-9900 May 16 j 04:27	20°♓12'31		
	-9900 May 21 j 20:10	0°♈		
desc. node	-9900 Jun 10 j 14:22	29°♈45'44		
	-9900 Jun 10 j 18:42	0°♉		
evening max el	-9900 Jun 21 j 01:40	12°♉05'48	25°15'32	
retrograde	-9900 Jul 02 j 23:09	19°♉03'25		
evening set	-9900 Jul 08 j 21:20	16°♉28'46		
min. Earth dist.	-9900 Jul 13 j 06:54	11°♉27'29	0.66773 AU	
inferior conj	-9900 Jul 14 j 05:25	10°♉13'19	-2°17'26	
minimum elong	-9900 Jul 14 j 07:53	10°♉05'11	2°16'21	
morning rise	-9900 Jul 19 j 18:25	4°♉11'52		
asc. node	-9900 Jul 22 j 00:12	3°♉08'25		
direct	-9900 Jul 23 j 07:37	2°♉58'35		
morning max el	-9900 Jul 30 j 19:48	7°♉20'46	19°50'40	
	-9900 Aug 16 j 05:12	0°♊		
morning set	-9900 Aug 25 j 06:05	13°♊58'33		
	-9900 Sep 04 j 11:06	0°♋		
max. Earth dist.	-9900 Sep 06 j 16:17	3°♋31'13	1.44075 AU	
desc. node	-9900 Sep 06 j 12:05	3°♋14'32		
superior conj	-9900 Sep 10 j 18:35	10°♋05'06	-0°25'48	
minimum elong	-9900 Sep 10 j 15:46	9°♋53'45	0°24'52	
	-9900 Sep 22 j 20:32	0°♌		
evening rise	-9900 Sep 24 j 16:15	3°♌04'19		
	-9900 Oct 11 j 21:22	0°♍		
evening max el	-9900 Oct 13 j 01:18	1°♍15'53	18°19'38	
asc. node	-9900 Oct 17 j 23:34	4°♍37'12		
retrograde	-9900 Oct 19 j 15:49	4°♍52'09		
evening set	-9900 Oct 22 j 10:28	4°♍11'16		
	-9900 Oct 27 j 12:10	30°℞♌		
inferior conj	-9900 Oct 28 j 16:23	28°♌42'47	3°03'29	
minimum elong	-9900 Oct 28 j 12:46	28°♌52'52	3°02'51	
min. Earth dist.	-9900 Oct 30 j 21:22	26°♌16'06	0.63760 AU	
morning rise	-9900 Nov 03 j 14:21	22°♌43'14		
direct	-9900 Nov 10 j 13:24	19°♌57'58		
morning max el	-9900 Nov 24 j 02:01	27°♌32'23	27°27'32	
	-9900 Nov 26 j 11:22	0°♍		
desc. node	-9900 Dec 03 j 12:49	8°♍30'21		
	-9900 Dec 17 j 18:16	0°♎		
morning set	-9900 Dec 28 j 17:13	20°♎08'43		
	-9899 Jan 02 j 13:16	0°♏		

max. Earth dist.	-9899 Jan 02 j 20:52	0°♏39'47	1.33675 AU	
superior conj	-9899 Jan 05 j 11:36	6°♏11'30	-1°13'13	
minimum elong	-9899 Jan 05 j 13:54	6°♏23'47	1°13'12	
evening rise	-9899 Jan 12 j 15:45	21°♏29'28		
asc. node	-9899 Jan 13 j 21:29	24°♏04'00		
	-9899 Jan 16 j 20:09	0°♐		
evening max el	-9899 Feb 04 j 02:44	27°♐06'53	22°50'07	
	-9899 Feb 07 j 14:36	0°♑		
retrograde	-9899 Feb 17 j 03:41	3°♑25'12		
evening set	-9899 Feb 20 j 12:47	3°♑00'17		
	-9899 Feb 27 j 12:30	30°℞♐		
min. Earth dist.	-9899 Feb 28 j 13:47	29°♐23'55	0.55636 AU	
inferior conj	-9899 Mar 01 j 16:50	28°♐44'42	-0°02'03	
minimum elong	-9899 Mar 01 j 16:43	28°♐44'52	0°02'35	
transit middle	-9899 Mar 01 j 16:43	28°♐44'52	0°02'35	
transit begin	-9899 Mar 01 j 12:42	28°♐50'42		
transit end	-9899 Mar 01 j 20:44	28°♐39'02		
desc. node	-9899 Mar 01 j 13:43	28°♐49'13		
morning rise	-9899 Mar 10 j 22:15	24°♐42'39		
direct	-9899 Mar 13 j 05:52	24°♐29'50		
morning max el	-9899 Mar 24 j 10:32	29°♐48'11	20°41'54	
	-9899 Mar 24 j 15:30	0°♑		
asc. node	-9899 Apr 11 j 20:30	28°♑52'55		
morning set	-9899 Apr 12 j 09:43	0°♒00'09		
	-9899 Apr 12 j 09:41	0°♒		
superior conj	-9899 Apr 20 j 02:06	15°♒49'13	1°12'01	
minimum elong	-9899 Apr 19 j 23:18	15°♒34'59	1°11'10	
max. Earth dist.	-9899 Apr 24 j 12:32	24°♒41'45	1.35840 AU	
	-9899 Apr 27 j 06:27	0°♓		
evening rise	-9899 Apr 28 j 20:56	3°♓01'14		
	-9899 May 14 j 18:57	0°♈		
desc. node	-9899 May 28 j 11:47	18°♈52'21		
evening max el	-9899 Jun 03 j 12:04	25°♈29'45	26°21'53	
	-9899 Jun 08 j 19:34	0°♉		
retrograde	-9899 Jun 16 j 05:46	2°♉48'35		
evening set	-9899 Jun 22 j 17:12	0°♉02'50		
	-9899 Jun 22 j 18:30	30°℞♈		
min. Earth dist.	-9899 Jun 26 j 18:30	25°♈40'52	0.66014 AU	
inferior conj	-9899 Jun 28 j 06:03	23°♈50'22	-2°53'40	
minimum elong	-9899 Jun 28 j 08:41	23°♈42'11	2°52'52	
morning rise	-9899 Jul 04 j 00:17	18°♈01'26		
direct	-9899 Jul 07 j 05:29	17°♈02'07		
asc. node	-9899 Jul 08 j 21:05	17°♈17'12		
morning max el	-9899 Jul 14 j 02:43	20°♈55'15	18°58'00	
	-9899 Jul 21 j 04:26	0°♉		
morning set	-9899 Aug 04 j 22:38	23°♉07'02		
	-9899 Aug 09 j 06:22	0°♊		
superior conj	-9899 Aug 20 j 22:21	18°♊28'16	0°20'47	
minimum elong	-9899 Aug 21 j 01:00	18°♊38'44	0°21'00	
max. Earth dist.	-9899 Aug 20 j 08:50	17°♊34'51	1.44608 AU	
desc. node	-9899 Aug 24 j 09:12	23°♊56'15		
	-9899 Aug 28 j 04:47	0°♋		
evening rise	-9899 Sep 05 j 17:17	13°♋39'44		
	-9899 Sep 15 j 21:25	0°♌		
evening max el	-9899 Sep 26 j 13:38	14°♌43'33	18°49'17	
retrograde	-9899 Oct 03 j 08:46	18°♌33'15		
asc. node	-9899 Oct 04 j 20:46	18°♌20'27		
evening set	-9899 Oct 06 j 09:35	17°♌41'01		
inferior conj	-9899 Oct 12 j 07:03	11°♌56'54	2°16'13	
minimum elong	-9899 Oct 12 j 04:04	12°♌05'55	2°15'41	
min. Earth dist.	-9899 Oct 13 j 22:44	9°♌56'53	0.65070 AU	
morning rise	-9899 Oct 17 j 22:07	5°♌47'23		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9899 Oct 24 j 11:28	3°♌02'57		
morning max el	-9899 Nov 06 j 11:57	10°♌31'40	26°49'06	
desc. node	-9899 Nov 20 j 09:31	27°♌34'18		
	-9899 Nov 22 j 02:05	0°♍		
	-9899 Dec 10 j 04:28	0°♎		
morning set	-9899 Dec 12 j 04:23	3°♎46'05		
max. Earth dist.	-9899 Dec 16 j 15:43	12°♎32'33	1.34741 AU	
superior conj	-9899 Dec 20 j 14:45	20°♎38'56	-1°28'34	
minimum elong	-9899 Dec 20 j 16:54	20°♎50'03	1°28'30	
	-9899 Dec 25 j 01:45	0°♏		
evening rise	-9899 Dec 28 j 01:23	6°♏14'36		
asc. node	-9899 Dec 31 j 18:45	13°♏46'51		
	-9898 Jan 10 j 04:33	0°♐		
evening max el	-9898 Jan 17 j 01:32	8°♐11'43	21°20'09	
retrograde	-9898 Jan 28 j 18:10	13°♐43'29		
evening set	-9898 Jan 31 j 12:55	13°♐25'48		
inferior conj	-9898 Feb 09 j 13:57	9°♐25'53	1°45'51	
minimum elong	-9898 Feb 09 j 18:18	9°♐19'41	1°44'01	
min. Earth dist.	-9898 Feb 10 j 03:54	9°♐06'00	0.55427 AU	
desc. node	-9898 Feb 16 j 10:41	5°♐59'23		
morning rise	-9898 Feb 18 j 23:14	5°♐15'32		
direct	-9898 Feb 21 j 20:14	4°♐57'17		
morning max el	-9898 Mar 06 j 13:08	11°♐06'13	22°08'30	
	-9898 Mar 20 j 04:19	0°♑		
morning set	-9898 Mar 27 j 19:36	14°♑53'16		
asc. node	-9898 Mar 29 j 17:29	18°♑53'06		
	-9898 Apr 03 j 23:49	0°♒		
superior conj	-9898 Apr 04 j 03:05	0°♒17'13	0°50'21	
minimum elong	-9898 Apr 04 j 00:59	0°♒06'11	0°49'28	
max. Earth dist.	-9898 Apr 07 j 06:23	6°♒48'00	1.34558 AU	
evening rise	-9898 Apr 12 j 04:47	16°♒38'57		
	-9898 Apr 19 j 09:58	0°♓		
	-9898 May 09 j 04:19	0°♈		
desc. node	-9898 May 15 j 09:11	7°♈10'55		
evening max el	-9898 May 16 j 23:05	8°♈46'43	27°07'47	
retrograde	-9898 May 30 j 07:13	16°♈16'14		
evening set	-9898 Jun 06 j 04:12	13°♈29'16		
min. Earth dist.	-9898 Jun 09 j 22:50	9°♈45'09	0.64863 AU	
inferior conj	-9898 Jun 12 j 00:46	7°♈22'04	-3°21'26	
minimum elong	-9898 Jun 12 j 02:59	7°♈15'41	3°21'05	
morning rise	-9898 Jun 18 j 02:10	1°♈48'35		
direct	-9898 Jun 21 j 01:11	1°♈01'07		
asc. node	-9898 Jun 25 j 17:58	2°♈55'08		
morning max el	-9898 Jun 27 j 14:16	4°♈34'21	18°21'50	
	-9898 Jul 14 j 14:35	0°♉		
morning set	-9898 Jul 16 j 15:53	3°♉24'58		
superior conj	-9898 Jul 30 j 23:55	26°♉47'40	1°04'14	
minimum elong	-9898 Jul 31 j 06:21	27°♉13'24	1°03'59	
	-9898 Aug 02 j 00:10	0°♊		
max. Earth dist.	-9898 Aug 03 j 02:05	1°♊42'57	1.44422 AU	
desc. node	-9898 Aug 11 j 06:24	14°♊36'51		
evening rise	-9898 Aug 16 j 15:37	23°♊02'38		
	-9898 Aug 21 j 02:37	0°♋		
greatest brilliancy	-9898 Aug 27 j 15:54	10°♋07'21	-0.7m	
evening max el	-9898 Sep 09 j 22:14	28°♋12'19	19°35'24	
	-9898 Sep 11 j 20:21	0°♌		
retrograde	-9898 Sep 17 j 04:54	2°♌24'15		
evening set	-9898 Sep 20 j 14:08	1°♌17'38		
asc. node	-9898 Sep 21 j 17:55	0°♌24'51		
	-9898 Sep 22 j 05:00	30°℞♋		
inferior conj	-9898 Sep 26 j 04:52	25°♋21'08	1°25'08	
minimum elong	-9898 Sep 26 j 02:56	25°♋27'24	1°24'56	
min. Earth dist.	-9898 Sep 27 j 08:17	23°♋52'29	0.66062 AU	
morning rise	-9898 Oct 01 j 15:27	19°♋04'48		

direct	-9898 Oct 07 j 15:27	16°♋30'50		
morning max el	-9898 Oct 19 j 21:58	23°♋43'32	25°46'31	
	-9898 Oct 25 j 13:49	0°♌		
desc. node	-9898 Nov 07 j 06:16	17°♌12'31		
	-9898 Nov 15 j 10:51	0°♍		
morning set	-9898 Nov 25 j 00:42	16°♍34'22		
max. Earth dist.	-9898 Nov 28 j 23:40	23°♍57'55	1.36237 AU	
	-9898 Dec 02 j 02:20	0°♎		
superior conj	-9898 Dec 04 j 10:24	4°♎38'54	-1°38'59	
minimum elong	-9898 Dec 04 j 11:45	4°♎45'40	1°38'54	
evening rise	-9898 Dec 12 j 07:41	20°♎44'01		
	-9898 Dec 17 j 00:02	0°♏		
asc. node	-9898 Dec 18 j 16:02	3°♏06'39		
evening max el	-9898 Dec 30 j 09:25	19°♏46'23	20°03'29	
retrograde	-9897 Jan 09 j 11:57	24°♏31'30		
evening set	-9897 Jan 12 j 01:09	24°♏14'42		
inferior conj	-9897 Jan 20 j 15:11	20°♏13'00	3°13'32	
minimum elong	-9897 Jan 20 j 20:46	20°♏04'25	3°11'54	
min. Earth dist.	-9897 Jan 22 j 17:29	18°♏55'59	0.56088 AU	
morning rise	-9897 Jan 29 j 14:27	15°♏40'16		
direct	-9897 Feb 02 j 14:21	15°♏04'55		
desc. node	-9897 Feb 03 j 07:35	15°♏06'05		
morning max el	-9897 Feb 16 j 06:57	21°♏53'44	23°45'06	
	-9897 Feb 23 j 07:16	0°♐		
morning set	-9897 Mar 12 j 07:39	29°♐55'43		
	-9897 Mar 12 j 08:28	0°♑		
asc. node	-9897 Mar 16 j 14:30	9°♑03'17		
superior conj	-9897 Mar 19 j 09:40	15°♑04'20	0°27'06	
minimum elong	-9897 Mar 19 j 08:31	14°♑58'11	0°26'19	
max. Earth dist.	-9897 Mar 21 j 09:37	19°♑20'04	1.33626 AU	
evening rise	-9897 Mar 26 j 23:34	0°♒51'37		
	-9897 Mar 26 j 13:16	0°♒		
	-9897 Apr 12 j 09:52	0°♓		
evening max el	-9897 Apr 29 j 09:01	21°♓44'43	27°26'22	
desc. node	-9897 May 02 j 06:32	24°♓21'00		
retrograde	-9897 May 13 j 02:58	29°♓17'19		
evening set	-9897 May 20 j 03:09	26°♓42'08		
min. Earth dist.	-9897 May 23 j 18:23	23°♓29'24	0.63322 AU	
inferior conj	-9897 May 26 j 10:48	20°♓42'52	-3°37'45	
minimum elong	-9897 May 26 j 11:54	20°♓40'02	3°37'50	
morning rise	-9897 Jun 01 j 21:36	15°♓27'12		
direct	-9897 Jun 04 j 15:46	14°♓49'45		
morning max el	-9897 Jun 11 j 04:09	18°♓13'07	18°03'16	
asc. node	-9897 Jun 12 j 14:49	19°♓46'15		
	-9897 Jun 19 j 17:34	0°♈		
morning set	-9897 Jun 28 j 09:54	14°♈52'11		
	-9897 Jul 07 j 05:17	0°♉		
superior conj	-9897 Jul 10 j 20:11	6°♉02'56	1°34'17	
minimum elong	-9897 Jul 11 j 01:25	6°♉24'35	1°34'12	
max. Earth dist.	-9897 Jul 16 j 16:07	15°♉34'01	1.43560 AU	
	-9897 Jul 25 j 19:00	0°♊		
evening rise	-9897 Jul 26 j 18:38	1°♊31'57		
desc. node	-9897 Jul 29 j 03:40	5°♊12'34		
	-9897 Aug 14 j 18:37	0°♋		
evening max el	-9897 Aug 24 j 00:53	11°♋38'12	20°36'23	
retrograde	-9897 Sep 01 j 01:45	16°♋21'03		
evening set	-9897 Sep 04 j 21:37	14°♋56'58		
asc. node	-9897 Sep 08 j 15:01	11°♋05'03		
inferior conj	-9897 Sep 10 j 07:26	8°♋51'23	0°32'47	
minimum elong	-9897 Sep 10 j 06:40	8°♋53'56	0°33'02	
min. Earth dist.	-9897 Sep 10 j 23:46	7°♋56'13	0.66748 AU	
morning rise	-9897 Sep 15 j 15:31	2°♋31'53		
direct	-9897 Sep 21 j 00:55	0°♋14'01		
morning max el	-9897 Oct 02 j 07:29	6°♋58'09	24°28'28	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9897 Oct 20 j 07:05	0°♌	
desc. node	-9897 Oct 25 j 03:02	7°♌14'28	
morning set	-9897 Nov 07 j 00:48	28°♌18'46	
	-9897 Nov 08 j 00:00	0°♍	
max. Earth dist.	-9897 Nov 10 j 23:09	5°♍16'31	1.38077 AU
superior conj	-9897 Nov 17 j 19:04	18°♍01'16	-1°42'41
minimum elong	-9897 Nov 17 j 18:53	18°♍00'22	1°42'30
	-9897 Nov 23 j 21:40	0°♎	
evening rise	-9897 Nov 26 j 08:26	4°♎51'27	
asc. node	-9897 Dec 05 j 13:18	21°♎55'27	
	-9897 Dec 11 j 07:23	0°♏	
evening max el	-9897 Dec 13 j 03:34	1°♏55'51	19°05'18
retrograde	-9897 Dec 21 j 19:17	6°♏03'40	
evening set	-9897 Dec 24 j 07:19	5°♏44'29	
inferior conj	-9896 Jan 01 j 07:39	1°♏28'38	4°03'09
minimum elong	-9896 Jan 01 j 10:38	1°♏23'25	4°02'35
	-9896 Jan 03 j 10:18	30°℞♎	
min. Earth dist.	-9896 Jan 04 j 08:01	29°♎22'59	0.57455 AU
morning rise	-9896 Jan 09 j 11:42	26°♎30'17	
direct	-9896 Jan 14 j 20:00	25°♎23'05	
desc. node	-9896 Jan 21 j 04:25	26°♎56'50	
	-9896 Jan 25 j 22:54	0°♏	
morning max el	-9896 Jan 28 j 21:45	2°♏35'07	25°19'13
	-9896 Feb 17 j 05:50	0°♐	
morning set	-9896 Feb 24 j 20:06	15°♐01'08	
asc. node	-9896 Mar 02 j 11:33	29°♐19'10	
superior conj	-9896 Mar 02 j 19:42	0°♑03'27	0°03'21
minimum elong	-9896 Mar 02 j 19:35	0°♑02'48	0°02'46
behind sun begin	-9896 Mar 02 j 14:36	29°♐35'44	
behind sun end	-9896 Mar 03 j 00:34	0°♑29'52	
	-9896 Mar 02 j 19:04	0°♑	
max. Earth dist.	-9896 Mar 03 j 19:35	2°♑13'01	1.33034 AU
evening rise	-9896 Mar 10 j 01:56	15°♑28'32	
	-9896 Mar 17 j 13:54	0°♒	
	-9896 Apr 06 j 15:46	0°♓	
evening max el	-9896 Apr 10 j 15:54	4°♓13'26	27°13'09
desc. node	-9896 Apr 18 j 03:49	9°♓55'09	
retrograde	-9896 Apr 24 j 16:06	11°♓43'18	
evening set	-9896 May 01 j 10:31	9°♓33'38	
min. Earth dist.	-9896 May 05 j 04:50	6°♓40'23	0.61467 AU
inferior conj	-9896 May 08 j 08:58	3°♓46'24	-3°38'08
minimum elong	-9896 May 08 j 08:11	3°♓48'11	3°38'25
	-9896 May 13 j 00:28	30°℞♒	
morning rise	-9896 May 15 j 07:38	28°♒50'11	
direct	-9896 May 17 j 21:55	28°♒21'12	
	-9896 May 22 j 15:03	0°♓	
morning max el	-9896 May 24 j 17:47	1°♓45'42	18°03'11
asc. node	-9896 May 29 j 11:40	7°♓35'28	
morning set	-9896 Jun 10 j 00:35	27°♓20'03	
	-9896 Jun 11 j 11:43	0°♈	
superior conj	-9896 Jun 20 j 19:39	16°♈39'07	1°48'14
minimum elong	-9896 Jun 20 j 21:22	16°♈46'34	1°48'18
max. Earth dist.	-9896 Jun 28 j 00:51	28°♈53'17	1.42146 AU
	-9896 Jun 28 j 17:01	0°♉	
evening rise	-9896 Jul 04 j 23:00	10°♉06'07	
desc. node	-9896 Jul 15 j 00:58	25°♉40'01	
	-9896 Jul 17 j 22:44	0°♊	
evening max el	-9896 Aug 05 j 20:48	25°♊01'13	21°49'23
	-9896 Aug 12 j 18:39	0°♋	
retrograde	-9896 Aug 14 j 21:26	0°♋21'44	
	-9896 Aug 16 j 21:53	30°℞♊	
evening set	-9896 Aug 19 j 06:03	28°♊37'41	
inferior conj	-9896 Aug 24 j 12:46	22°♊26'06	-0°18'53
minimum elong	-9896 Aug 24 j 13:10	22°♊24'43	0°18'09
min. Earth dist.	-9896 Aug 24 j 18:41	22°♊05'41	0.67148 AU
asc. node	-9896 Aug 25 j 12:04	21°♊06'01	
morning rise	-9896 Aug 29 j 20:08	16°♊07'10	
direct	-9896 Sep 03 j 15:16	14°♊08'03	
morning max el	-9896 Sep 13 j 18:07	20°♊13'01	23°04'05
	-9896 Sep 22 j 00:13	0°♋	
desc. node	-9896 Oct 10 j 23:49	27°♋33'05	
	-9896 Oct 12 j 13:08	0°♌	
morning set	-9896 Oct 17 j 23:22	8°♌46'19	
max. Earth dist.	-9896 Oct 22 j 21:03	17°♌01'36	1.40080 AU
	-9896 Oct 30 j 04:51	0°♍	
superior conj	-9896 Oct 30 j 12:13	0°♍33'41	-1°37'17
minimum elong	-9896 Oct 30 j 09:52	0°♍22'54	1°36'49
evening rise	-9896 Nov 09 j 01:01	18°♍30'12	
	-9896 Nov 15 j 04:49	0°♎	
asc. node	-9896 Nov 21 j 10:36	10°♎03'02	
evening max el	-9896 Nov 25 j 06:38	14°♎35'27	18°27'12
retrograde	-9896 Dec 02 j 20:27	18°♎19'26	
evening set	-9896 Dec 05 j 08:43	17°♎56'06	
inferior conj	-9896 Dec 12 j 19:31	13°♎19'39	4°15'30
minimum elong	-9896 Dec 12 j 18:59	13°♎20'43	4°15'25
min. Earth dist.	-9896 Dec 16 j 01:44	10°♎42'54	0.59240 AU
morning rise	-9896 Dec 20 j 03:30	7°♎59'51	
direct	-9896 Dec 26 j 13:40	6°♎13'57	
desc. node	-9895 Jan 07 j 01:10	11°♎17'15	
morning max el	-9895 Jan 09 j 15:38	13°♎36'41	26°35'55
	-9895 Jan 22 j 17:39	0°♏	
morning set	-9895 Feb 08 j 07:07	0°♐01'57	
	-9895 Feb 08 j 06:44	0°♐	
superior conj	-9895 Feb 15 j 07:20	15°♐07'00	-0°20'05
minimum elong	-9895 Feb 15 j 08:11	15°♐11'39	0°20'28
max. Earth dist.	-9895 Feb 15 j 08:52	15°♐15'28	1.32774 AU
asc. node	-9895 Feb 17 j 08:38	19°♐35'57	
evening rise	-9895 Feb 22 j 09:15	0°♑19'42	
	-9895 Feb 22 j 05:28	0°♑	
	-9895 Mar 10 j 20:02	0°♒	
evening max el	-9895 Mar 23 j 17:43	16°♒04'35	26°27'28
desc. node	-9895 Apr 05 j 01:03	23°♒18'11	
retrograde	-9895 Apr 06 j 20:42	23°♒26'30	
evening set	-9895 Apr 12 j 23:08	21°♒51'39	
min. Earth dist.	-9895 Apr 17 j 07:02	19°♒03'06	0.59467 AU
inferior conj	-9895 Apr 20 j 15:34	16°♒23'12	-3°16'19
minimum elong	-9895 Apr 20 j 12:37	16°♒29'07	3°16'19
morning rise	-9895 Apr 28 j 04:47	11°♒47'06	
direct	-9895 Apr 30 j 15:30	11°♒25'16	
morning max el	-9895 May 08 j 04:20	15°♒03'23	18°22'17
asc. node	-9895 May 16 j 08:29	26°♒08'50	
	-9895 May 18 j 13:50	0°♓	
morning set	-9895 May 24 j 07:02	10°♓36'18	
superior conj	-9895 Jun 02 j 20:05	28°♓30'33	1°48'37
minimum elong	-9895 Jun 02 j 18:54	28°♓25'11	1°48'31
	-9895 Jun 03 j 15:43	0°♈	
max. Earth dist.	-9895 Jun 10 j 04:16	11°♈32'10	1.40371 AU
evening rise	-9895 Jun 15 j 00:22	19°♈41'49	
	-9895 Jun 21 j 09:42	0°♉	
desc. node	-9895 Jul 01 j 22:19	15°♉54'32	
	-9895 Jul 12 j 05:01	0°♊	
evening max el	-9895 Jul 19 j 10:48	8°♊22'43	23°09'55
retrograde	-9895 Jul 29 j 14:35	14°♊24'00	
evening set	-9895 Aug 03 j 13:32	12°♊18'45	
inferior conj	-9895 Aug 08 j 19:06	6°♊03'51	-1°08'10
minimum elong	-9895 Aug 08 j 20:31	5°♊59'00	1°07'07
min. Earth dist.	-9895 Aug 08 j 14:34	6°♊19'31	0.67253 AU
asc. node	-9895 Aug 12 j 09:04	1°♊29'19	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9895 Aug 13 j 22:06	30°℞♉	
morning rise	-9895 Aug 14 j 03:24	29°♉49'14	
direct	-9895 Aug 18 j 09:29	28°♉09'08	
	-9895 Aug 23 j 08:08	0°♊	
morning max el	-9895 Aug 27 j 08:49	3°♊31'06	21°41'46
	-9895 Sep 16 j 02:52	0°♋	
morning set	-9895 Sep 27 j 19:26	17°♋58'21	
desc. node	-9895 Sep 27 j 20:41	18°♋03'20	
max. Earth dist.	-9895 Oct 05 j 00:03	29°♋36'07	1.41969 AU
	-9895 Oct 05 j 05:50	0°♌	
superior conj	-9895 Oct 12 j 08:16	12°♌01'36	-1°20'09
minimum elong	-9895 Oct 12 j 03:50	11°♌42'23	1°19'17
	-9895 Oct 22 j 09:45	0°♍	
evening rise	-9895 Oct 23 j 06:04	1°♍32'41	
asc. node	-9895 Nov 08 j 07:53	27°♍16'46	
evening max el	-9895 Nov 08 j 16:03	27°♍37'29	18°09'09
	-9895 Nov 11 j 15:23	0°♎	
retrograde	-9895 Nov 15 j 14:02	1°♎10'31	
evening set	-9895 Nov 18 j 03:28	0°♎41'49	
	-9895 Nov 19 j 15:34	30°℞♍	
inferior conj	-9895 Nov 25 j 01:52	25°♍43'23	4°00'22
minimum elong	-9895 Nov 24 j 23:01	25°♍50'00	4°00'06
min. Earth dist.	-9895 Nov 28 j 02:04	22°♍56'56	0.61125 AU
morning rise	-9895 Dec 01 j 17:22	20°♍05'48	
direct	-9895 Dec 08 j 16:59	17°♍46'51	
morning max el	-9895 Dec 22 j 15:52	25°♍15'46	27°23'17
desc. node	-9895 Dec 24 j 21:53	27°♍33'17	
	-9895 Dec 27 j 02:29	0°♎	
	-9894 Jan 15 j 23:51	0°♏	
morning set	-9894 Jan 23 j 14:49	14°♏51'17	
max. Earth dist.	-9894 Jan 29 j 21:51	28°♏14'14	1.32845 AU
superior conj	-9894 Jan 30 j 18:55	0°♐08'57	-0°42'22
minimum elong	-9894 Jan 30 j 20:35	0°♐17'58	0°42'33
	-9894 Jan 30 j 17:17	0°♐	
asc. node	-9894 Feb 04 j 05:47	9°♐49'34	
evening rise	-9894 Feb 06 j 19:28	15°♐17'39	
	-9894 Feb 14 j 06:06	0°♑	
evening max el	-9894 Mar 05 j 13:55	27°♑19'05	25°14'11
	-9894 Mar 08 j 16:15	0°♒	
retrograde	-9894 Mar 19 j 14:34	4°♒26'26	
desc. node	-9894 Mar 22 j 22:14	4°♒00'29	
evening set	-9894 Mar 24 j 16:23	3°♒26'26	
min. Earth dist.	-9894 Mar 30 j 02:59	0°♒28'47	0.57588 AU
	-9894 Mar 30 j 20:07	30°℞♑	
inferior conj	-9894 Apr 02 j 03:22	28°♑24'35	-2°25'10
minimum elong	-9894 Apr 01 j 23:14	28°♑31'43	2°24'43
morning rise	-9894 Apr 10 j 09:17	24°♑07'33	
direct	-9894 Apr 12 j 16:37	23°♑51'24	
morning max el	-9894 Apr 21 j 08:57	27°♑57'21	19°01'06
	-9894 Apr 23 j 07:58	0°♒	
asc. node	-9894 May 03 j 05:19	15°♒16'00	
morning set	-9894 May 08 j 01:00	24°♒30'22	
	-9894 May 10 j 19:57	0°♓	
superior conj	-9894 May 16 j 16:04	11°♓22'51	1°39'12
minimum elong	-9894 May 16 j 13:25	11°♓10'09	1°38'45
max. Earth dist.	-9894 May 23 j 04:54	23°♓33'05	1.38482 AU
	-9894 May 26 j 20:07	0°♈	
evening rise	-9894 May 27 j 05:07	0°♈39'10	
	-9894 Jun 14 j 16:36	0°♉	
desc. node	-9894 Jun 18 j 19:45	5°♉49'46	
evening max el	-9894 Jul 01 j 21:14	21°♉44'21	24°31'23
retrograde	-9894 Jul 13 j 04:12	28°♉23'40	
evening set	-9894 Jul 18 j 18:10	25°♉58'24	
min. Earth dist.	-9894 Jul 23 j 08:59	20°♉35'25	0.67045 AU
inferior conj	-9894 Jul 24 j 00:40	19°♉42'35	-1°53'37
minimum elong	-9894 Jul 24 j 02:51	19°♉35'14	1°52'28
morning rise	-9894 Jul 29 j 11:30	13°♉35'38	
asc. node	-9894 Jul 30 j 06:00	13°♉05'18	
direct	-9894 Aug 02 j 06:17	12°♉13'16	
morning max el	-9894 Aug 10 j 05:44	16°♉55'11	20°27'46
	-9894 Aug 20 j 10:34	0°♊	
morning set	-9894 Sep 06 j 22:39	26°♊25'42	
	-9894 Sep 09 j 05:38	0°♋	
desc. node	-9894 Sep 14 j 17:39	8°♋40'36	
max. Earth dist.	-9894 Sep 17 j 09:52	12°♋57'33	1.43471 AU
superior conj	-9894 Sep 23 j 01:43	22°♋10'45	-0°49'22
minimum elong	-9894 Sep 22 j 21:11	21°♋52'04	0°48'16
	-9894 Sep 27 j 18:12	0°♌	
evening rise	-9894 Oct 05 j 19:07	13°♌48'02	
	-9894 Oct 15 j 06:28	0°♍	
evening max el	-9894 Oct 23 j 04:47	10°♍53'42	18°10'24
asc. node	-9894 Oct 26 j 05:10	13°♍20'48	
retrograde	-9894 Oct 29 j 19:53	14°♍26'26	
evening set	-9894 Nov 01 j 11:59	13°♍50'41	
inferior conj	-9894 Nov 07 j 23:28	8°♍32'08	3°27'31
minimum elong	-9894 Nov 07 j 19:47	8°♍41'45	3°26'59
min. Earth dist.	-9894 Nov 10 j 11:57	5°♍54'22	0.62872 AU
morning rise	-9894 Nov 14 j 02:44	2°♍39'33	
direct	-9894 Nov 21 j 04:20	0°♍00'01	
morning max el	-9894 Dec 04 j 21:57	7°♍33'43	27°35'52
desc. node	-9894 Dec 11 j 18:34	15°♍12'22	
	-9894 Dec 22 j 07:00	0°♎	
morning set	-9893 Jan 07 j 16:58	29°♎20'48	
	-9893 Jan 08 j 00:44	0°♏	
max. Earth dist.	-9893 Jan 13 j 06:38	10°♏55'22	1.33262 AU
superior conj	-9893 Jan 15 j 04:48	15°♏02'53	-1°02'45
minimum elong	-9893 Jan 15 j 06:58	15°♏14'36	1°02'47
evening rise	-9893 Jan 22 j 06:48	0°♐15'24	
asc. node	-9893 Jan 22 j 03:01	29°♏55'27	
	-9893 Jan 22 j 03:52	0°♐	
	-9893 Feb 08 j 04:11	0°♑	
evening max el	-9893 Feb 15 j 06:57	8°♑11'20	23°44'07
retrograde	-9893 Feb 28 j 20:27	14°♑52'35	
evening set	-9893 Mar 04 j 18:53	14°♑18'25	
desc. node	-9893 Mar 09 j 19:18	12°♑09'07	
min. Earth dist.	-9893 Mar 11 j 19:28	10°♑59'40	0.56143 AU
inferior conj	-9893 Mar 13 j 19:27	9°♑46'49	-1°01'39
minimum elong	-9893 Mar 13 j 16:58	9°♑50'36	1°01'28
morning rise	-9893 Mar 22 j 17:47	5°♑43'08	
direct	-9893 Mar 24 j 23:22	5°♑30'21	
morning max el	-9893 Apr 04 j 04:53	10°♑19'01	19°59'45
	-9893 Apr 17 j 14:28	0°♒	
asc. node	-9893 Apr 20 j 02:13	4°♒49'07	
morning set	-9893 Apr 22 j 03:13	8°♒53'46	
superior conj	-9893 Apr 30 j 02:29	25°♒02'08	1°23'13
minimum elong	-9893 Apr 29 j 23:31	24°♒47'18	1°22'29
	-9893 May 02 j 14:46	0°♓	
max. Earth dist.	-9893 May 05 j 08:11	5°♓15'31	1.36717 AU
evening rise	-9893 May 09 j 10:12	12°♓51'50	
	-9893 May 19 j 09:07	0°♈	
desc. node	-9893 Jun 05 j 17:11	25°♈17'36	
	-9893 Jun 09 j 13:27	0°♉	
evening max el	-9893 Jun 14 j 06:58	5°♉07'50	25°45'43
retrograde	-9893 Jun 26 j 13:42	12°♉16'19	
evening set	-9893 Jul 02 j 17:56	9°♉35'35	
min. Earth dist.	-9893 Jul 06 j 23:42	4°♉51'17	0.66494 AU
inferior conj	-9893 Jul 08 j 03:41	3°♉21'06	-2°33'42
minimum elong	-9893 Jul 08 j 06:17	3°♉12'43	2°32'43

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9893 Jul 10 j 21:30	30°℞♈	
morning rise	-9893 Jul 13 j 18:43	27°♈24'52	
direct	-9893 Jul 17 j 04:13	26°♈17'59	
asc. node	-9893 Jul 17 j 02:53	26°♈18'00	
	-9893 Jul 23 j 22:42	0°♉	
morning max el	-9893 Jul 24 j 09:21	0°♉26'48	19°26'27
	-9893 Aug 13 j 23:12	0°♊	
morning set	-9893 Aug 17 j 04:57	5°♊04'49	
max. Earth dist.	-9893 Aug 31 j 00:32	26°♊50'10	1.44386 AU
desc. node	-9893 Sep 01 j 14:44	29°♊21'49	
	-9893 Sep 02 j 00:20	0°♋	
superior conj	-9893 Sep 02 j 16:23	1°♋03'57	-0°06'31
minimum elong	-9893 Sep 02 j 15:40	1°♋01'04	0°05'50
behind sun begin	-9893 Sep 02 j 05:08	0°♋19'07	
behind sun end	-9893 Sep 03 j 02:12	1°♋43'05	
evening rise	-9893 Sep 17 j 10:51	25°♋03'55	
	-9893 Sep 20 j 10:18	0°♌	
evening max el	-9893 Oct 06 j 18:02	24°♌18'38	18°30'03
retrograde	-9893 Oct 13 j 09:49	27°♌59'55	
asc. node	-9893 Oct 13 j 02:24	27°♌59'24	
evening set	-9893 Oct 16 j 06:43	27°♌14'42	
inferior conj	-9893 Oct 22 j 08:50	21°♌39'05	2°44'07
minimum elong	-9893 Oct 22 j 05:25	21°♌48'58	2°43'29
min. Earth dist.	-9893 Oct 24 j 08:04	19°♌22'45	0.64357 AU
morning rise	-9893 Oct 28 j 03:30	15°♌34'34	
direct	-9893 Nov 03 j 22:53	12°♌48'13	
morning max el	-9893 Nov 17 j 07:22	20°♌22'02	27°14'33
	-9893 Nov 25 j 17:36	0°♍	
desc. node	-9893 Nov 28 j 15:16	3°♍50'40	
	-9893 Dec 15 j 06:45	0°♎	
morning set	-9893 Dec 22 j 10:41	13°♎20'53	
max. Earth dist.	-9893 Dec 27 j 07:21	23°♎06'58	1.34075 AU
superior conj	-9893 Dec 30 j 11:04	29°♎42'18	-1°20'15
minimum elong	-9893 Dec 30 j 13:22	29°♎54'28	1°20'12
	-9893 Dec 30 j 14:25	0°♏	
evening rise	-9892 Jan 06 j 17:34	15°♏06'48	
asc. node	-9892 Jan 09 j 00:17	19°♏48'26	
	-9892 Jan 14 j 07:40	0°♐	
evening max el	-9892 Jan 28 j 02:07	19°♐05'20	22°10'39
retrograde	-9892 Feb 09 j 15:08	25°♐05'17	
evening set	-9892 Feb 12 j 16:27	24°♐44'40	
inferior conj	-9892 Feb 21 j 20:29	20°♐37'32	0°44'25
minimum elong	-9892 Feb 21 j 22:25	20°♐34'47	0°43'14
min. Earth dist.	-9892 Feb 21 j 10:34	20°♐51'41	0.55430 AU
desc. node	-9892 Feb 24 j 16:18	19°♐03'14	
morning rise	-9892 Mar 02 j 05:08	16°♐33'56	
direct	-9892 Mar 04 j 16:22	16°♐20'00	
morning max el	-9892 Mar 16 j 14:00	22°♐00'51	21°17'04
	-9892 Mar 23 j 07:01	0°♑	
morning set	-9892 Apr 05 j 10:55	23°♑37'55	
asc. node	-9892 Apr 05 j 23:09	24°♑40'58	
	-9892 Apr 08 j 12:30	0°♒	
superior conj	-9892 Apr 12 j 23:05	9°♒15'14	1°03'06
minimum elong	-9892 Apr 12 j 20:32	9°♒02'05	1°02'13
max. Earth dist.	-9892 Apr 16 j 19:43	17°♒06'26	1.35243 AU
evening rise	-9892 Apr 21 j 09:49	26°♒03'13	
	-9892 Apr 23 j 12:21	0°♓	
	-9892 May 11 j 18:28	0°♈	
desc. node	-9892 May 22 j 14:36	14°♈05'51	
evening max el	-9892 May 26 j 17:32	18°♈29'15	26°44'24
retrograde	-9892 Jun 08 j 18:23	25°♈54'46	
evening set	-9892 Jun 15 j 10:22	23°♈06'57	
min. Earth dist.	-9892 Jun 19 j 08:30	19°♈01'28	0.65566 AU
inferior conj	-9892 Jun 21 j 02:05	16°♈56'08	-3°06'39
minimum elong	-9892 Jun 21 j 04:37	16°♈48'29	3°06'02
morning rise	-9892 Jun 26 j 23:07	11°♈13'27	
direct	-9892 Jun 30 j 01:22	10°♈19'36	
asc. node	-9892 Jul 02 j 23:45	11°♈05'58	
morning max el	-9892 Jul 06 j 18:28	14°♈03'31	18°40'30
	-9892 Jul 18 j 05:17	0°♉	
morning set	-9892 Jul 27 j 07:20	14°♉40'33	
	-9892 Aug 05 j 19:58	0°♊	
superior conj	-9892 Aug 11 j 16:18	9°♊17'11	0°40'20
minimum elong	-9892 Aug 11 j 21:06	9°♊36'13	0°40'16
max. Earth dist.	-9892 Aug 12 j 17:04	10°♊55'11	1.44611 AU
desc. node	-9892 Aug 18 j 11:55	20°♊03'29	
	-9892 Aug 24 j 18:47	0°♋	
evening rise	-9892 Aug 28 j 00:19	5°♋07'35	
	-9892 Sep 13 j 00:42	0°♌	
evening max el	-9892 Sep 19 j 05:04	7°♌47'19	19°07'01
retrograde	-9892 Sep 26 j 04:25	11°♌45'33	
asc. node	-9892 Sep 28 j 23:33	11°♌00'27	
evening set	-9892 Sep 29 j 08:27	10°♌47'47	
inferior conj	-9892 Oct 05 j 02:52	4°♌58'14	1°54'53
minimum elong	-9892 Oct 05 j 00:18	5°♌06'15	1°54'28
min. Earth dist.	-9892 Oct 06 j 13:17	3°♌10'50	0.65529 AU
	-9892 Oct 09 j 08:00	30°℞♋	
morning rise	-9892 Oct 10 j 15:44	28°♋45'17	
direct	-9892 Oct 16 j 23:47	26°♋04'00	
	-9892 Oct 25 j 20:45	0°♌	
morning max el	-9892 Oct 29 j 17:25	3°♌28'02	26°24'53
desc. node	-9892 Nov 14 j 12:00	23°♌11'03	
	-9892 Nov 19 j 01:17	0°♍	
morning set	-9892 Dec 04 j 16:13	26°♍40'03	
	-9892 Dec 06 j 10:24	0°♎	
max. Earth dist.	-9892 Dec 08 j 21:17	4°♎45'55	1.35322 AU
superior conj	-9892 Dec 13 j 11:28	14°♎00'03	-1°33'42
minimum elong	-9892 Dec 13 j 13:21	14°♎09'44	1°33'37
evening rise	-9892 Dec 21 j 02:03	29°♎46'31	
	-9892 Dec 21 j 04:40	0°♏	
asc. node	-9892 Dec 25 j 21:34	9°♏22'51	
	-9891 Jan 08 j 19:00	0°♐	
evening max el	-9891 Jan 09 j 04:40	0°♐23'04	20°45'34
retrograde	-9891 Jan 20 j 05:18	5°♐33'54	
evening set	-9891 Jan 22 j 20:44	5°♐17'16	
inferior conj	-9891 Jan 31 j 17:49	1°♐19'01	2°27'00
minimum elong	-9891 Jan 31 j 23:15	1°♐11'06	2°25'02
min. Earth dist.	-9891 Feb 02 j 00:46	0°♐33'57	0.55606 AU
	-9891 Feb 03 j 00:30	30°℞♏	
morning rise	-9891 Feb 10 j 00:23	26°♏59'54	
desc. node	-9891 Feb 10 j 13:13	26°♏52'53	
direct	-9891 Feb 13 j 07:30	26°♏36'01	
	-9891 Feb 22 j 19:28	0°♐	
morning max el	-9891 Feb 26 j 12:23	3°♐04'32	22°48'52
	-9891 Mar 16 j 15:59	0°♑	
morning set	-9891 Mar 20 j 21:58	8°♑36'00	
asc. node	-9891 Mar 23 j 20:10	14°♑46'12	
superior conj	-9891 Mar 28 j 02:46	23°♑52'39	0°40'37
minimum elong	-9891 Mar 28 j 01:03	23°♑43'33	0°39'46
max. Earth dist.	-9891 Mar 30 j 17:43	29°♑23'36	1.34122 AU
	-9891 Mar 31 j 00:43	0°♒	
evening rise	-9891 Apr 04 j 22:51	9°♒57'57	
	-9891 Apr 15 j 22:27	0°♓	
	-9891 May 07 j 12:48	0°♈	
evening max el	-9891 May 09 j 04:28	1°♈40'07	27°19'26
desc. node	-9891 May 09 j 11:57	1°♈58'09	
retrograde	-9891 May 22 j 17:32	9°♈11'39	
evening set	-9891 May 29 j 16:38	6°♈28'21	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9891 Jun 02 j 09:22	2°♈58'20	0.64251 AU
inferior conj	-9891 Jun 04 j 17:27	0°♈23'57	-3°30'01
minimum elong	-9891 Jun 04 j 19:17	0°♈18'53	3°29'52
	-9891 Jun 05 j 02:09	30°℞♓	
morning rise	-9891 Jun 10 j 22:33	24°♓57'28	
direct	-9891 Jun 13 j 19:19	24°♓14'27	
asc. node	-9891 Jun 19 j 20:36	27°♓16'37	
morning max el	-9891 Jun 20 j 07:12	27°♓42'28	18°11'38
	-9891 Jun 22 j 08:31	0°♈	
morning set	-9891 Jul 08 j 11:26	25°♈28'29	
	-9891 Jul 11 j 03:42	0°♉	
superior conj	-9891 Jul 21 j 23:43	17°♉54'02	1°18'58
minimum elong	-9891 Jul 22 j 06:12	18°♉20'13	1°18'45
max. Earth dist.	-9891 Jul 26 j 09:03	24°♉57'06	1.44134 AU
	-9891 Jul 29 j 13:21	0°♊	
desc. node	-9891 Aug 05 j 09:08	10°♊42'21	
evening rise	-9891 Aug 07 j 12:31	14°♊02'13	
	-9891 Aug 17 j 21:40	0°♋	
greatest brilliancy	-9891 Aug 20 j 09:36	3°♋45'48	-0.7m
evening max el	-9891 Sep 02 j 11:24	21°♋15'24	19°59'48
retrograde	-9891 Sep 10 j 00:56	25°♋39'06	
evening set	-9891 Sep 13 j 14:29	24°♋25'25	
asc. node	-9891 Sep 15 j 20:41	22°♋25'12	
inferior conj	-9891 Sep 19 j 02:54	18°♋24'59	1°02'57
minimum elong	-9891 Sep 19 j 01:28	18°♋29'44	1°02'56
min. Earth dist.	-9891 Sep 20 j 01:33	17°♋10'17	0.66390 AU
morning rise	-9891 Sep 24 j 12:13	12°♋07'03	
direct	-9891 Sep 30 j 06:12	9°♋39'13	
morning max el	-9891 Oct 12 j 02:52	16°♋40'49	25°14'41
	-9891 Oct 23 j 06:13	0°♌	
desc. node	-9891 Nov 01 j 08:44	13°♌00'30	
	-9891 Nov 11 j 23:47	0°♍	
morning set	-9891 Nov 17 j 04:35	9°♍02'56	
max. Earth dist.	-9891 Nov 21 j 00:53	16°♍04'29	1.36986 AU
superior conj	-9891 Nov 27 j 02:56	27°♍45'53	-1°41'31
minimum elong	-9891 Nov 27 j 03:43	27°♍49'47	1°41'24
	-9891 Nov 28 j 06:00	0°♎	
evening rise	-9891 Dec 05 j 06:15	14°♎07'33	
asc. node	-9891 Dec 12 j 18:51	28°♎30'50	
	-9891 Dec 13 j 15:30	0°♏	
evening max el	-9891 Dec 22 j 17:02	12°♏13'13	19°36'20
retrograde	-9890 Jan 01 j 03:32	16°♏40'28	
evening set	-9890 Jan 03 j 16:13	16°♏22'46	
inferior conj	-9890 Jan 12 j 00:32	12°♏16'17	3°39'30
minimum elong	-9890 Jan 12 j 05:20	12°♏08'31	3°38'19
min. Earth dist.	-9890 Jan 14 j 14:19	10°♏37'07	0.56607 AU
morning rise	-9890 Jan 20 j 16:19	7°♏32'48	
direct	-9890 Jan 25 j 06:24	6°♏45'22	
desc. node	-9890 Jan 28 j 10:04	7°♏08'17	
morning max el	-9890 Feb 08 j 03:53	13°♏45'21	24°26'11
	-9890 Feb 20 j 18:34	0°♐	
morning set	-9890 Mar 05 j 10:24	23°♐40'32	
	-9890 Mar 08 j 09:45	0°♑	
asc. node	-9890 Mar 10 j 17:12	4°♑59'18	
superior conj	-9890 Mar 12 j 11:02	8°♑45'30	0°17'02
minimum elong	-9890 Mar 12 j 10:19	8°♑41'40	0°16'19
max. Earth dist.	-9890 Mar 14 j 00:25	12°♑06'38	1.33343 AU
evening rise	-9890 Mar 19 j 21:15	24°♑22'18	
	-9890 Mar 22 j 17:21	0°♒	
	-9890 Apr 09 j 13:51	0°♓	
evening max el	-9890 Apr 21 j 13:37	14°♓27'39	27°24'46
desc. node	-9890 Apr 26 j 09:14	18°♓31'24	
retrograde	-9890 May 05 j 10:20	21°♓58'39	
evening set	-9890 May 12 j 09:20	19°♓33'03	
min. Earth dist.	-9890 May 16 j 01:01	16°♓30'13	0.62568 AU
inferior conj	-9890 May 18 j 22:52	13°♓38'34	-3°40'14
minimum elong	-9890 May 18 j 23:14	13°♓37'37	3°40'27
morning rise	-9890 May 25 j 14:22	8°♓30'47	
direct	-9890 May 28 j 06:56	7°♓56'56	
morning max el	-9890 Jun 03 j 21:14	11°♓19'10	18°00'55
asc. node	-9890 Jun 06 j 17:26	14°♓34'08	
	-9890 Jun 16 j 10:38	0°♈	
morning set	-9890 Jun 20 j 14:53	7°♈23'25	
superior conj	-9890 Jul 02 j 07:18	27°♈42'49	1°42'06
minimum elong	-9890 Jul 02 j 11:06	27°♈58'50	1°42'07
	-9890 Jul 03 j 15:56	0°♉	
max. Earth dist.	-9890 Jul 08 j 21:39	8°♉38'52	1.43018 AU
evening rise	-9890 Jul 17 j 13:17	22°♉25'59	
	-9890 Jul 22 j 10:42	0°♊	
desc. node	-9890 Jul 23 j 06:24	1°♊15'18	
	-9890 Aug 12 j 08:47	0°♋	
evening max el	-9890 Aug 16 j 11:16	4°♋40'32	21°06'14
retrograde	-9890 Aug 24 j 21:26	9°♋38'16	
evening set	-9890 Aug 28 j 22:36	8°♋05'44	
asc. node	-9890 Sep 02 j 17:45	2°♋41'54	
inferior conj	-9890 Sep 03 j 06:51	1°♋57'16	0°10'39
minimum elong	-9890 Sep 03 j 06:36	1°♋58'08	0°11'08
transit middle	-9890 Sep 03 j 06:36	1°♋58'08	0°11'08
transit begin	-9890 Sep 03 j 04:36	2°♋04'57	
transit end	-9890 Sep 03 j 08:36	1°♋51'19	
min. Earth dist.	-9890 Sep 03 j 18:39	1°♋17'00	0.66954 AU
	-9890 Sep 04 j 17:28	30°℞♊	
morning rise	-9890 Sep 08 j 14:28	25°♊37'52	
direct	-9890 Sep 13 j 17:43	23°♊27'58	
morning max el	-9890 Sep 24 j 12:34	29°♊55'44	23°52'56
	-9890 Sep 24 j 14:15	0°♋	
	-9890 Oct 17 j 03:52	0°♌	
desc. node	-9890 Oct 19 j 05:31	3°♌10'37	
morning set	-9890 Oct 29 j 18:19	20°♌15'31	
max. Earth dist.	-9890 Nov 02 j 23:14	27°♌32'35	1.38929 AU
	-9890 Nov 04 j 08:24	0°♍	
superior conj	-9890 Nov 10 j 05:36	10°♍48'43	-1°41'39
minimum elong	-9890 Nov 10 j 04:33	10°♍43'46	1°41'23
evening rise	-9890 Nov 19 j 03:53	28°♍03'56	
	-9890 Nov 20 j 03:45	0°♎	
asc. node	-9890 Nov 29 j 16:08	17°♎03'31	
evening max el	-9890 Dec 05 j 15:09	24°♎35'54	18°46'32
retrograde	-9890 Dec 13 j 18:37	28°♎32'10	
evening set	-9890 Dec 16 j 06:40	28°♎11'20	
inferior conj	-9890 Dec 24 j 01:05	23°♎46'41	4°12'25
minimum elong	-9890 Dec 24 j 02:31	23°♎44'01	4°12'10
min. Earth dist.	-9890 Dec 27 j 05:30	21°♎25'39	0.58188 AU
morning rise	-9890 Dec 31 j 20:22	18°♎38'45	
direct	-9889 Jan 06 j 16:50	17°♎15'31	
desc. node	-9889 Jan 15 j 06:52	20°♎06'13	
morning max el	-9889 Jan 20 j 19:25	24°♎32'21	25°54'48
	-9889 Jan 25 j 20:11	0°♏	
	-9889 Feb 13 j 15:08	0°♐	
morning set	-9889 Feb 17 j 22:28	8°♐44'56	
superior conj	-9889 Feb 24 j 21:56	23°♐47'05	-0°06'42
minimum elong	-9889 Feb 24 j 22:15	23°♐48'46	0°07'13
behind sun begin	-9889 Feb 24 j 17:45	23°♐24'18	
behind sun end	-9889 Feb 25 j 02:44	24°♐13'14	
max. Earth dist.	-9889 Feb 25 j 12:23	25°♐05'50	1.32891 AU
asc. node	-9889 Feb 25 j 14:16	25°♐16'01	
	-9889 Feb 27 j 18:39	0°♑	
evening rise	-9889 Mar 04 j 01:59	9°♑06'04	
	-9889 Mar 15 j 03:10	0°♒	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9889 Apr 03 j 18:23	26°♒40'17	26°57'23
	-9889 Apr 07 j 15:09	0°♓	
desc. node	-9889 Apr 13 j 06:30	3°♓14'18	
retrograde	-9889 Apr 17 j 19:50	4°♓07'14	
evening set	-9889 Apr 24 j 08:59	2°♓11'24	
	-9889 Apr 27 j 12:49	30°℞♒	
min. Earth dist.	-9889 Apr 28 j 07:28	29°♒22'21	0.60623 AU
inferior conj	-9889 May 01 j 14:49	26°♒31'32	-3°32'02
minimum elong	-9889 May 01 j 13:06	26°♒35'16	3°32'15
morning rise	-9889 May 08 j 19:23	21°♒44'07	
direct	-9889 May 11 j 08:15	21°♒18'16	
morning max el	-9889 May 18 j 09:56	24°♒46'30	18°09'01
	-9889 May 22 j 18:19	0°♓	
asc. node	-9889 May 24 j 14:15	2°♓43'25	
morning set	-9889 Jun 03 j 12:50	20°♓13'07	
	-9889 Jun 08 j 19:52	0°♈	
superior conj	-9889 Jun 13 j 18:00	8°♈52'48	1°49'51
minimum elong	-9889 Jun 13 j 18:20	8°♈54'15	1°49'52
max. Earth dist.	-9889 Jun 21 j 04:16	21°♈42'30	1.41417 AU
	-9889 Jun 26 j 04:50	0°♉	
evening rise	-9889 Jun 27 j 00:48	1°♉20'44	
desc. node	-9889 Jul 10 j 03:44	21°♉38'00	
	-9889 Jul 15 j 22:10	0°♊	
evening max el	-9889 Jul 30 j 04:18	18°♊01'52	22°23'02
retrograde	-9889 Aug 08 j 16:14	23°♊40'01	
evening set	-9889 Aug 13 j 06:51	21°♊46'44	
inferior conj	-9889 Aug 18 j 12:49	15°♊33'12	-0°40'12
minimum elong	-9889 Aug 18 j 13:40	15°♊30'15	0°39'18
min. Earth dist.	-9889 Aug 18 j 14:14	15°♊28'17	0.67226 AU
asc. node	-9889 Aug 20 j 14:47	12°♊44'31	
morning rise	-9889 Aug 23 j 20:23	9°♊15'44	
direct	-9889 Aug 28 j 09:39	7°♊25'04	
morning max el	-9889 Sep 07 j 00:44	13°♊11'57	22°28'27
	-9889 Sep 20 j 08:13	0°♋	
desc. node	-9889 Oct 06 j 02:22	23°♋34'43	
morning set	-9889 Oct 10 j 05:13	0°♌09'14	
	-9889 Oct 10 j 02:56	0°♌	
max. Earth dist.	-9889 Oct 15 j 22:51	9°♌37'32	1.40912 AU
superior conj	-9889 Oct 23 j 14:24	22°♌54'47	-1°31'35
minimum elong	-9889 Oct 23 j 11:04	22°♌39'51	1°30'58
	-9889 Oct 27 j 12:11	0°♍	
evening rise	-9889 Nov 02 j 16:00	11°♍28'07	
	-9889 Nov 13 j 02:52	0°♎	
asc. node	-9889 Nov 16 j 13:25	4°♎49'47	
evening max el	-9889 Nov 18 j 21:10	7°♎25'26	18°17'06
retrograde	-9889 Nov 26 j 03:19	11°♎03'45	
evening set	-9889 Nov 28 j 15:46	10°♎38'27	
inferior conj	-9889 Dec 05 j 21:08	5°♎52'35	4°11'50
minimum elong	-9889 Dec 05 j 19:25	5°♎56'16	4°11'43
min. Earth dist.	-9889 Dec 09 j 01:50	3°♎08'58	0.60038 AU
morning rise	-9889 Dec 12 j 21:31	0°♎24'27	
	-9889 Dec 13 j 14:56	30°℞♍	
direct	-9889 Dec 19 j 14:41	28°♍23'20	
	-9889 Dec 25 j 20:07	0°♎	
desc. node	-9888 Jan 02 j 03:37	5°♎20'08	
morning max el	-9888 Jan 02 j 16:05	5°♎49'43	27°00'13
	-9888 Jan 20 j 17:47	0°♏	
morning set	-9888 Feb 02 j 08:23	23°♏42'36	
	-9888 Feb 05 j 07:50	0°♐	
superior conj	-9888 Feb 09 j 09:48	8°♐51'24	-0°29'43
minimum elong	-9888 Feb 09 j 11:01	8°♐58'03	0°30'00
max. Earth dist.	-9888 Feb 09 j 02:00	8°♐08'52	1.32758 AU
asc. node	-9888 Feb 12 j 11:23	15°♐32'27	
evening rise	-9888 Feb 16 j 10:48	24°♐01'25	
	-9888 Feb 19 j 08:52	0°♑	
	-9888 Mar 08 j 10:40	0°♒	
evening max el	-9888 Mar 15 j 17:34	8°♒15'07	25°59'05
retrograde	-9888 Mar 29 j 20:35	15°♒32'51	
desc. node	-9888 Mar 30 j 03:42	15°♒32'38	
evening set	-9888 Apr 04 j 13:20	14°♒13'13	
min. Earth dist.	-9888 Apr 09 j 06:44	11°♒22'22	0.58632 AU
inferior conj	-9888 Apr 12 j 13:49	8°♒54'50	-2°58'33
minimum elong	-9888 Apr 12 j 10:08	9°♒01'46	2°58'22
morning rise	-9888 Apr 20 j 10:00	4°♒27'32	
direct	-9888 Apr 22 j 19:07	4°♒08'27	
morning max el	-9888 Apr 30 j 18:29	7°♒56'35	18°36'23
asc. node	-9888 May 10 j 11:06	21°♒32'52	
	-9888 May 15 j 01:16	0°♓	
morning set	-9888 May 17 j 00:41	3°♓47'06	
superior conj	-9888 May 26 j 03:33	21°♓12'57	1°45'37
minimum elong	-9888 May 26 j 01:35	21°♓03'47	1°45'22
	-9888 May 30 j 22:49	0°♈	
max. Earth dist.	-9888 Jun 02 j 05:31	4°♈02'28	1.39564 AU
evening rise	-9888 Jun 06 j 13:52	11°♈31'22	
	-9888 Jun 18 j 01:56	0°♉	
desc. node	-9888 Jun 26 j 01:07	11°♉45'25	
	-9888 Jul 10 j 08:19	0°♊	
evening max el	-9888 Jul 11 j 16:18	1°♊22'49	23°44'52
retrograde	-9888 Jul 22 j 08:10	7°♊41'45	
evening set	-9888 Jul 27 j 13:22	5°♊27'42	
	-9888 Aug 01 j 05:00	30°℞♉	
inferior conj	-9888 Aug 01 j 19:04	29°♉11'51	-1°28'01
minimum elong	-9888 Aug 01 j 20:50	29°♉05'48	1°26'54
min. Earth dist.	-9888 Aug 01 j 09:53	29°♉43'17	0.67202 AU
asc. node	-9888 Aug 06 j 11:45	23°♉34'04	
morning rise	-9888 Aug 07 j 04:13	22°♉59'53	
direct	-9888 Aug 11 j 05:11	21°♉27'39	
morning max el	-9888 Aug 19 j 17:57	26°♉32'30	21°08'52
	-9888 Aug 22 j 19:58	0°♊	
	-9888 Sep 12 j 21:32	0°♋	
morning set	-9888 Sep 18 j 16:06	8°♋56'15	
desc. node	-9888 Sep 21 j 23:17	14°♋08'27	
max. Earth dist.	-9888 Sep 27 j 04:11	22°♋30'53	1.42664 AU
	-9888 Oct 01 j 16:59	0°♌	
superior conj	-9888 Oct 03 j 23:37	3°♌50'04	-1°08'47
minimum elong	-9888 Oct 03 j 18:45	3°♌29'27	1°07'45
evening rise	-9888 Oct 15 j 14:49	24°♌11'38	
	-9888 Oct 18 j 20:46	0°♍	
evening max el	-9888 Nov 01 j 08:21	20°♍34'24	18°07'28
asc. node	-9888 Nov 02 j 10:43	21°♍35'53	
retrograde	-9888 Nov 08 j 02:29	24°♍06'04	
evening set	-9888 Nov 10 j 16:47	23°♍34'42	
inferior conj	-9888 Nov 17 j 10:23	18°♍27'47	3°48'07
minimum elong	-9888 Nov 17 j 07:01	18°♍36'01	3°47'43
min. Earth dist.	-9888 Nov 20 j 06:11	15°♍42'41	0.61889 AU
morning rise	-9888 Nov 23 j 20:09	12°♍43'26	
direct	-9888 Nov 30 j 21:57	10°♍13'35	
morning max el	-9888 Dec 14 j 18:57	17°♍45'40	27°33'00
desc. node	-9888 Dec 19 j 00:20	22°♍14'55	
	-9888 Dec 25 j 03:39	0°♎	
	-9887 Jan 12 j 08:16	0°♏	
morning set	-9887 Jan 16 j 14:02	8°♏24'46	
max. Earth dist.	-9887 Jan 22 j 13:28	21°♏00'57	1.32967 AU
superior conj	-9887 Jan 23 j 20:53	23°♏51'07	-0°51'18
minimum elong	-9887 Jan 23 j 22:48	24°♏01'31	0°51'24
	-9887 Jan 26 j 16:47	0°♐	
asc. node	-9887 Jan 29 j 08:34	5°♐43'39	
evening rise	-9887 Jan 30 j 21:41	9°♐00'11	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9887 Feb 10 j 22:11	0°♑	
evening max el	-9887 Feb 25 j 12:03	19°♑18'36	24°37'18
retrograde	-9887 Mar 11 j 09:49	26°♑16'47	
evening set	-9887 Mar 15 j 23:27	25°♑29'30	
desc. node	-9887 Mar 17 j 00:50	25°♑05'49	
min. Earth dist.	-9887 Mar 22 j 01:19	22°♑24'02	0.56899 AU
inferior conj	-9887 Mar 24 j 17:10	20°♑40'19	-1°53'35
minimum elong	-9887 Mar 24 j 13:19	20°♑46'37	1°53'05
morning rise	-9887 Apr 02 j 06:20	16°♑29'45	
direct	-9887 Apr 04 j 12:17	16°♑15'30	
morning max el	-9887 Apr 13 j 19:47	20°♑38'28	19°23'32
	-9887 Apr 21 j 03:52	0°♒	
asc. node	-9887 Apr 27 j 07:58	10°♒52'15	
morning set	-9887 Apr 30 j 22:33	17°♒54'53	
	-9887 May 06 j 23:57	0°♓	
superior conj	-9887 May 09 j 06:15	4°♓26'59	1°33'03
minimum elong	-9887 May 09 j 03:21	4°♓12'49	1°32'29
max. Earth dist.	-9887 May 15 j 06:16	15°♓51'27	1.37710 AU
evening rise	-9887 May 19 j 05:41	23°♓03'11	
	-9887 May 23 j 05:46	0°♈	
	-9887 Jun 11 j 19:46	0°♉	
desc. node	-9887 Jun 12 j 22:32	1°♉30'17	
evening max el	-9887 Jun 24 j 02:18	14°♉46'05	25°04'26
retrograde	-9887 Jul 05 j 20:08	21°♉39'07	
evening set	-9887 Jul 11 j 16:14	19°♉06'50	
min. Earth dist.	-9887 Jul 16 j 03:10	13°♉59'49	0.66854 AU
inferior conj	-9887 Jul 16 j 23:49	12°♉51'20	-2°11'22
minimum elong	-9887 Jul 17 j 02:14	12°♉43'21	2°10'16
morning rise	-9887 Jul 22 j 12:12	6°♉48'17	
asc. node	-9887 Jul 24 j 08:40	5°♉50'22	
direct	-9887 Jul 26 j 02:49	5°♉32'39	
morning max el	-9887 Aug 02 j 17:41	9°♉59'39	19°59'50
	-9887 Aug 17 j 11:05	0°♊	
morning set	-9887 Aug 28 j 18:01	17°♊21'33	
	-9887 Sep 05 j 19:39	0°♋	
desc. node	-9887 Sep 08 j 20:19	4°♋48'10	
max. Earth dist.	-9887 Sep 09 j 16:08	6°♋07'14	1.43940 AU
superior conj	-9887 Sep 14 j 05:15	13°♋26'02	-0°32'21
minimum elong	-9887 Sep 14 j 01:51	13°♋12'13	0°31'20
	-9887 Sep 24 j 05:41	0°♌	
evening rise	-9887 Sep 27 j 19:29	6°♌03'33	
	-9887 Oct 12 j 14:37	0°♍	
evening max el	-9887 Oct 15 j 21:46	3°♍55'55	18°16'39
asc. node	-9887 Oct 20 j 07:59	7°♍06'06	
retrograde	-9887 Oct 22 j 12:07	7°♍30'51	
evening set	-9887 Oct 25 j 06:06	6°♍51'19	
inferior conj	-9887 Oct 31 j 13:24	1°♍25'17	3°10'05
minimum elong	-9887 Oct 31 j 09:44	1°♍35'19	3°09'27
	-9887 Nov 01 j 20:27	30°℞♌	
min. Earth dist.	-9887 Nov 02 j 20:20	28°♌55'28	0.63543 AU
morning rise	-9887 Nov 06 j 12:39	25°♌27'33	
direct	-9887 Nov 13 j 12:38	22°♌43'21	
	-9887 Nov 26 j 19:22	0°♍	
morning max el	-9887 Nov 27 j 02:33	0°♍17'24	27°30'43
desc. node	-9887 Dec 05 j 21:03	10°♍22'04	
	-9887 Dec 19 j 02:22	0°♎	
morning set	-9887 Dec 31 j 12:57	22°♎42'58	
	-9886 Jan 04 j 02:55	0°♏	
max. Earth dist.	-9886 Jan 05 j 19:09	3°♏30'18	1.33556 AU
superior conj	-9886 Jan 08 j 05:29	8°♏40'01	-1°10'36
minimum elong	-9886 Jan 08 j 07:46	8°♏52'14	1°10'34
evening rise	-9886 Jan 15 j 08:58	23°♏56'15	
asc. node	-9886 Jan 16 j 05:49	25°♏44'56	
	-9886 Jan 18 j 07:45	0°♐	

evening max el	-9886 Feb 07 j 05:27	0°♑09'05	23°04'04
	-9886 Feb 07 j 01:37	0°♑	
retrograde	-9886 Feb 20 j 09:58	6°♑33'36	
evening set	-9886 Feb 23 j 22:19	6°♑06'39	
min. Earth dist.	-9886 Mar 03 j 17:01	2°♑35'25	0.55743 AU
desc. node	-9886 Mar 03 j 21:53	2°♑28'21	
inferior conj	-9886 Mar 05 j 01:51	1°♑47'23	-0°18'15
minimum elong	-9886 Mar 05 j 01:03	1°♑48'34	0°18'33
	-9886 Mar 08 j 05:59	30°℞♐	
morning rise	-9886 Mar 14 j 05:41	27°♐45'25	
direct	-9886 Mar 16 j 12:33	27°♐32'44	
	-9886 Mar 24 j 01:34	0°♑	
morning max el	-9886 Mar 27 j 11:07	2°♑43'05	20°30'24
	-9886 Apr 13 j 22:06	0°♒	
asc. node	-9886 Apr 14 j 04:52	0°♒34'07	
morning set	-9886 Apr 15 j 03:23	2°♒28'09	
superior conj	-9886 Apr 22 j 21:24	18°♒21'42	1°15'04
minimum elong	-9886 Apr 22 j 18:33	18°♒07'12	1°14'15
max. Earth dist.	-9886 Apr 27 j 12:53	27°♒36'00	1.36058 AU
	-9886 Apr 28 j 18:41	0°♓	
evening rise	-9886 May 01 j 19:21	5°♓42'52	
	-9886 May 16 j 01:21	0°♈	
desc. node	-9886 May 30 j 19:57	20°♈42'53	
evening max el	-9886 Jun 06 j 12:32	28°♈10'14	26°13'07
	-9886 Jun 08 j 11:14	0°♉	
retrograde	-9886 Jun 19 j 03:28	5°♉26'30	
evening set	-9886 Jun 25 j 13:10	2°♉41'43	
	-9886 Jun 28 j 04:24	30°℞♈	
min. Earth dist.	-9886 Jun 29 j 15:36	28°♈14'04	0.66152 AU
inferior conj	-9886 Jul 01 j 01:08	26°♈28'46	-2°48'40
minimum elong	-9886 Jul 01 j 03:47	26°♈20'28	2°47'50
morning rise	-9886 Jul 06 j 18:29	20°♈37'56	
direct	-9886 Jul 10 j 00:47	19°♈36'42	
asc. node	-9886 Jul 11 j 05:33	19°♈44'42	
morning max el	-9886 Jul 16 j 23:46	23°♈33'27	19°04'51
	-9886 Jul 22 j 05:34	0°♉	
morning set	-9886 Aug 08 j 07:27	26°♉21'17	
	-9886 Aug 10 j 14:36	0°♊	
max. Earth dist.	-9886 Aug 23 j 08:32	20°♊09'28	1.44574 AU
superior conj	-9886 Aug 24 j 11:14	21°♊55'08	0°13'39
minimum elong	-9886 Aug 24 j 13:00	22°♊02'08	0°13'59
behind sun begin	-9886 Aug 24 j 07:01	21°♊38'27	
behind sun end	-9886 Aug 24 j 18:59	22°♊25'50	
desc. node	-9886 Aug 26 j 17:25	25°♊29'54	
	-9886 Aug 29 j 13:22	0°♋	
evening rise	-9886 Sep 09 j 00:27	16°♋49'55	
	-9886 Sep 17 j 03:23	0°♌	
evening max el	-9886 Sep 29 j 10:25	17°♌23'03	18°43'43
retrograde	-9886 Oct 06 j 04:26	21°♌10'19	
asc. node	-9886 Oct 07 j 05:12	21°♌04'18	
evening set	-9886 Oct 09 j 04:10	20°♌19'58	
inferior conj	-9886 Oct 15 j 02:47	14°♌37'49	2°23'43
minimum elong	-9886 Oct 14 j 23:40	14°♌47'08	2°23'08
min. Earth dist.	-9886 Oct 16 j 20:20	12°♌33'31	0.64898 AU
morning rise	-9886 Oct 20 j 18:42	8°♌29'29	
direct	-9886 Oct 27 j 09:42	5°♌44'22	
morning max el	-9886 Nov 09 j 12:28	13°♌14'34	26°56'31
desc. node	-9886 Nov 22 j 17:45	29°♌19'55	
	-9886 Nov 23 j 05:08	0°♍	
	-9886 Dec 11 j 15:43	0°♎	
morning set	-9886 Dec 15 j 01:56	6°♎26'37	
max. Earth dist.	-9886 Dec 19 j 15:41	15°♎28'23	1.34559 AU
superior conj	-9886 Dec 23 j 09:31	23°♎10'43	-1°26'33
minimum elong	-9886 Dec 23 j 11:43	23°♎22'13	1°26'29

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9886 Dec 26 j 15:21	0°♏	
evening rise	-9886 Dec 30 j 18:58	8°♏43'14	
asc. node	-9885 Jan 03 j 03:06	15°♏30'43	
	-9885 Jan 11 j 05:35	0°♐	
evening max el	-9885 Jan 20 j 03:05	11°♐10'07	21°32'47
retrograde	-9885 Feb 01 j 01:16	16°♐49'27	
evening set	-9885 Feb 03 j 21:23	16°♐31'14	
inferior conj	-9885 Feb 12 j 23:28	12°♐29'56	1°30'15
minimum elong	-9885 Feb 13 j 03:17	12°♐24'31	1°28'31
min. Earth dist.	-9885 Feb 13 j 07:14	12°♐18'53	0.55397 AU
desc. node	-9885 Feb 18 j 18:50	9°♐29'42	
morning rise	-9885 Feb 22 j 09:03	8°♐22'00	
direct	-9885 Feb 25 j 03:02	8°♐05'13	
morning max el	-9885 Mar 09 j 15:20	14°♐07'04	21°54'53
	-9885 Mar 21 j 11:38	0°♑	
morning set	-9885 Mar 30 j 12:46	17°♑19'23	
asc. node	-9885 Apr 01 j 01:50	20°♑32'26	
	-9885 Apr 05 j 13:37	0°♒	
superior conj	-9885 Apr 06 j 21:21	2°♒46'25	0°53'47
minimum elong	-9885 Apr 06 j 19:07	2°♒34'46	0°52'53
max. Earth dist.	-9885 Apr 10 j 05:06	9°♒38'16	1.34719 AU
evening rise	-9885 Apr 15 j 01:12	19°♒14'21	
	-9885 Apr 20 j 20:07	0°♓	
	-9885 May 10 j 02:23	0°♈	
desc. node	-9885 May 17 j 17:19	9°♈10'04	
evening max el	-9885 May 19 j 23:21	11°♈28'43	27°02'32
retrograde	-9885 Jun 02 j 05:44	18°♈57'38	
evening set	-9885 Jun 09 j 01:40	16°♈09'54	
min. Earth dist.	-9885 Jun 12 j 21:04	12°♈20'32	0.65059 AU
inferior conj	-9885 Jun 14 j 20:52	10°♈01'42	-3°17'56
minimum elong	-9885 Jun 14 j 23:12	9°♈54'55	3°17'30
morning rise	-9885 Jun 20 j 21:05	4°♈25'51	
direct	-9885 Jun 23 j 20:52	3°♈36'51	
asc. node	-9885 Jun 28 j 02:23	5°♈10'20	
morning max el	-9885 Jun 30 j 10:47	7°♈12'30	18°26'07
	-9885 Jul 15 j 22:47	0°♉	
morning set	-9885 Jul 19 j 20:46	6°♉28'15	
superior conj	-9885 Aug 03 j 11:35	0°♊10'49	0°58'21
minimum elong	-9885 Aug 03 j 17:47	0°♊35'28	0°58'09
	-9885 Aug 03 j 08:52	0°♊	
max. Earth dist.	-9885 Aug 06 j 01:39	4°♊17'18	1.44496 AU
desc. node	-9885 Aug 13 j 14:36	16°♊10'52	
evening rise	-9885 Aug 20 j 02:33	26°♊23'00	
	-9885 Aug 22 j 09:56	0°♋	
greatest brilliancy	-9885 Aug 30 j 06:49	12°♋15'12	-0.8m
	-9885 Sep 12 j 00:17	0°♌	
evening max el	-9885 Sep 12 j 19:38	0°♌51'32	19°27'32
retrograde	-9885 Sep 20 j 00:15	4°♌59'49	
evening set	-9885 Sep 23 j 08:02	3°♌55'38	
asc. node	-9885 Sep 24 j 02:20	3°♌23'04	
	-9885 Sep 27 j 09:43	30°℞♋	
inferior conj	-9885 Sep 28 j 23:40	28°♋00'46	1°32'59
minimum elong	-9885 Sep 28 j 21:34	28°♋07'31	1°32'44
min. Earth dist.	-9885 Sep 30 j 04:51	26°♋27'10	0.65934 AU
morning rise	-9885 Oct 04 j 10:46	21°♋45'06	
direct	-9885 Oct 10 j 12:51	19°♋09'02	
morning max el	-9885 Oct 22 j 22:34	26°♋25'19	25°56'59
	-9885 Oct 26 j 07:08	0°♌	
desc. node	-9885 Nov 09 j 14:30	18°♌53'44	
	-9885 Nov 16 j 18:55	0°♍	
morning set	-9885 Nov 28 j 00:47	19°♍23'26	
max. Earth dist.	-9885 Dec 02 j 01:05	26°♍56'38	1.35987 AU
	-9885 Dec 03 j 14:53	0°♎	
superior conj	-9885 Dec 07 j 06:27	7°♎15'31	-1°37'49
minimum elong	-9885 Dec 07 j 07:58	7°♎23'09	1°37'45
evening rise	-9885 Dec 15 j 01:51	23°♎15'28	
	-9885 Dec 18 j 10:34	0°♏	
asc. node	-9885 Dec 21 j 00:22	4°♏54'45	
evening max el	-9884 Jan 02 j 09:29	22°♏40'12	20°13'47
retrograde	-9884 Jan 12 j 17:50	27°♏31'50	
evening set	-9884 Jan 15 j 07:18	27°♏15'15	
inferior conj	-9884 Jan 23 j 23:17	23°♏14'54	3°02'36
minimum elong	-9884 Jan 24 j 04:58	23°♏06'17	3°00'49
min. Earth dist.	-9884 Jan 25 j 21:02	22°♏05'52	0.55935 AU
morning rise	-9884 Feb 02 j 00:47	18°♏45'46	
direct	-9884 Feb 05 j 19:58	18°♏13'53	
desc. node	-9884 Feb 05 j 15:44	18°♏13'58	
morning max el	-9884 Feb 19 j 10:12	24°♏58'17	23°30'34
	-9884 Feb 24 j 00:52	0°♐	
	-9884 Mar 12 j 21:29	0°♑	
morning set	-9884 Mar 14 j 00:35	2°♑20'50	
asc. node	-9884 Mar 17 j 22:50	10°♑41'27	
superior conj	-9884 Mar 21 j 03:13	17°♑31'17	0°30'42
minimum elong	-9884 Mar 21 j 01:55	17°♑24'20	0°29'52
max. Earth dist.	-9884 Mar 23 j 06:54	22°♑05'55	1.33738 AU
	-9884 Mar 27 j 02:18	0°♒	
evening rise	-9884 Mar 28 j 18:34	3°♒22'41	
	-9884 Apr 12 j 15:26	0°♓	
evening max el	-9884 May 01 j 09:32	24°♓30'14	27°25'36
desc. node	-9884 May 03 j 14:38	26°♓32'04	
	-9884 May 08 j 09:14	0°♈	
retrograde	-9884 May 15 j 02:29	2°♈03'07	
	-9884 May 21 j 07:02	30°℞♓	
evening set	-9884 May 22 j 02:36	29°♓25'20	
min. Earth dist.	-9884 May 25 j 18:00	26°♓08'28	0.63571 AU
inferior conj	-9884 May 28 j 08:20	23°♓24'31	-3°36'17
minimum elong	-9884 May 28 j 09:39	23°♓21'03	3°36'18
morning rise	-9884 Jun 03 j 17:36	18°♓06'02	
direct	-9884 Jun 06 j 12:22	17°♓27'15	
morning max el	-9884 Jun 13 j 00:26	20°♓51'37	18°04'52
asc. node	-9884 Jun 13 j 23:12	21°♓51'21	
	-9884 Jun 19 j 22:26	0°♈	
morning set	-9884 Jun 30 j 11:18	17°♈45'43	
	-9884 Jul 07 j 14:53	0°♉	
superior conj	-9884 Jul 13 j 04:11	9°♉15'24	1°30'48
minimum elong	-9884 Jul 13 j 09:51	9°♉38'40	1°30'41
max. Earth dist.	-9884 Jul 18 j 16:02	18°♉11'02	1.43728 AU
	-9884 Jul 26 j 03:01	0°♊	
evening rise	-9884 Jul 29 j 07:20	4°♊57'19	
desc. node	-9884 Jul 30 j 11:50	6°♊47'38	
	-9884 Aug 14 j 21:14	0°♋	
evening max el	-9884 Aug 25 j 23:17	14°♋18'19	20°26'31
retrograde	-9884 Sep 02 j 21:05	18°♋56'02	
evening set	-9884 Sep 06 j 15:13	17°♋34'49	
asc. node	-9884 Sep 09 j 23:26	14°♋14'04	
inferior conj	-9884 Sep 12 j 01:39	11°♋30'32	0°40'41
minimum elong	-9884 Sep 12 j 00:43	11°♋33'40	0°40'53
min. Earth dist.	-9884 Sep 12 j 19:38	10°♋30'07	0.66664 AU
morning rise	-9884 Sep 17 j 09:59	5°♋11'15	
direct	-9884 Sep 22 j 21:38	2°♋50'37	
morning max el	-9884 Oct 04 j 08:01	9°♋39'50	24°40'42
	-9884 Oct 20 j 11:23	0°♌	
desc. node	-9884 Oct 26 j 11:16	8°♌53'03	
	-9884 Nov 08 j 10:11	0°♍	
morning set	-9884 Nov 09 j 04:18	1°♍18'58	
max. Earth dist.	-9884 Nov 13 j 01:22	8°♍14'19	1.37784 AU
superior conj	-9884 Nov 19 j 17:03	20°♍44'59	-1°42'39
minimum elong	-9884 Nov 19 j 17:09	20°♍45'26	1°42'31

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9884 Nov 24 j 09:53	0°♎	
evening rise	-9884 Nov 28 j 03:36	7°♎27'10	
asc. node	-9884 Dec 06 j 21:40	23°♎49'27	
	-9884 Dec 10 j 23:21	0°♏	
evening max el	-9884 Dec 15 j 02:16	4°♏45'44	19°12'45
retrograde	-9884 Dec 23 j 22:34	8°♏58'02	
evening set	-9884 Dec 26 j 10:43	8°♏39'17	
inferior conj	-9883 Jan 03 j 13:09	4°♏26'15	3°58'09
minimum elong	-9883 Jan 03 j 16:40	4°♏20'14	3°57'28
min. Earth dist.	-9883 Jan 06 j 11:23	2°♏26'54	0.57221 AU
	-9883 Jan 10 j 17:45	30°℞♎	
morning rise	-9883 Jan 11 j 20:20	29°♎31'36	
direct	-9883 Jan 17 j 00:06	28°♎29'46	
desc. node	-9883 Jan 22 j 12:35	29°♎40'35	
	-9883 Jan 23 j 05:57	0°♏	
morning max el	-9883 Jan 31 j 01:01	5°♏39'14	25°05'49
	-9883 Feb 17 j 14:38	0°♐	
morning set	-9883 Feb 26 j 13:05	17°♐26'20	
	-9883 Mar 04 j 09:24	0°♑	
asc. node	-9883 Mar 04 j 19:53	0°♑56'59	
superior conj	-9883 Mar 05 j 12:52	2°♑29'12	0°06'58
minimum elong	-9883 Mar 05 j 12:36	2°♑27'42	0°06'19
behind sun begin	-9883 Mar 05 j 07:56	2°♑02'24	
behind sun end	-9883 Mar 05 j 17:15	2°♑53'00	
max. Earth dist.	-9883 Mar 06 j 16:06	4°♑56'42	1.33107 AU
evening rise	-9883 Mar 12 j 20:01	17°♑56'54	
	-9883 Mar 19 j 00:12	0°♒	
	-9883 Apr 07 j 07:28	0°♓	
evening max el	-9883 Apr 13 j 17:08	7°♓04'11	27°17'12
desc. node	-9883 Apr 20 j 11:55	12°♓22'35	
retrograde	-9883 Apr 27 j 16:36	14°♓34'22	
evening set	-9883 May 04 j 12:28	12°♓20'20	
min. Earth dist.	-9883 May 08 j 05:51	9°♓24'56	0.61758 AU
inferior conj	-9883 May 11 j 08:28	6°♓31'00	-3°39'26
minimum elong	-9883 May 11 j 08:01	6°♓32'05	3°39'42
morning rise	-9883 May 18 j 05:11	1°♓31'37	
direct	-9883 May 20 j 20:01	1°♓01'26	
morning max el	-9883 May 27 j 14:13	4°♓25'06	18°02'00
asc. node	-9883 May 31 j 20:01	9°♓32'22	
morning set	-9883 Jun 12 j 23:14	0°♈05'13	
	-9883 Jun 12 j 22:05	0°♈	
superior conj	-9883 Jun 23 j 23:30	19°♈39'01	1°47'06
minimum elong	-9883 Jun 24 j 01:45	19°♈48'43	1°47'09
	-9883 Jun 30 j 02:27	0°♉	
max. Earth dist.	-9883 Jul 01 j 01:46	1°♉36'20	1.42384 AU
evening rise	-9883 Jul 08 j 10:01	13°♉26'39	
desc. node	-9883 Jul 17 j 09:07	27°♉16'43	
	-9883 Jul 19 j 04:35	0°♊	
evening max el	-9883 Aug 08 j 20:15	27°♊42'12	21°38'00
	-9883 Aug 11 j 07:39	0°♋	
retrograde	-9883 Aug 17 j 17:00	2°♋56'33	
evening set	-9883 Aug 21 j 23:37	1°♋15'34	
	-9883 Aug 23 j 08:36	30°℞♊	
inferior conj	-9883 Aug 27 j 06:42	25°♊04'48	-0°11'11
minimum elong	-9883 Aug 27 j 06:55	25°♊04'01	0°10'31
transit middle	-9883 Aug 27 j 06:55	25°♊04'01	0°10'31
transit begin	-9883 Aug 27 j 04:51	25°♊11'09	
transit end	-9883 Aug 27 j 09:00	24°♊56'51	
min. Earth dist.	-9883 Aug 27 j 14:08	24°♊39'10	0.67106 AU
asc. node	-9883 Aug 27 j 20:29	24°♊17'23	
morning rise	-9883 Sep 01 j 14:04	18°♊45'41	
direct	-9883 Sep 06 j 11:19	16°♊43'40	
morning max el	-9883 Sep 16 j 18:15	22°♊54'35	23°16'45
	-9883 Sep 22 j 22:23	0°♋	
desc. node	-9883 Oct 13 j 08:04	29°♋09'45	
	-9883 Oct 13 j 20:54	0°♌	
morning set	-9883 Oct 21 j 06:53	11°♌58'20	
max. Earth dist.	-9883 Oct 25 j 23:08	19°♌54'10	1.39783 AU
	-9883 Oct 31 j 15:50	0°♍	
superior conj	-9883 Nov 02 j 12:52	3°♍25'59	-1°38'49
minimum elong	-9883 Nov 02 j 10:51	3°♍16'43	1°38'25
evening rise	-9883 Nov 11 j 21:36	21°♍10'48	
	-9883 Nov 16 j 13:27	0°♎	
asc. node	-9883 Nov 23 j 18:59	12°♎04'10	
evening max el	-9883 Nov 28 j 04:11	17°♎21'25	18°31'36
retrograde	-9883 Dec 05 j 21:07	21°♎08'02	
evening set	-9883 Dec 08 j 09:23	20°♎45'21	
inferior conj	-9883 Dec 15 j 22:06	16°♎12'00	4°15'36
minimum elong	-9883 Dec 15 j 22:04	16°♎12'05	4°15'30
min. Earth dist.	-9883 Dec 19 j 04:15	13°♎38'45	0.58965 AU
morning rise	-9883 Dec 23 j 08:57	10°♎55'15	
direct	-9883 Dec 29 j 16:00	9°♎15'12	
desc. node	-9882 Jan 09 j 09:22	13°♎40'34	
morning max el	-9882 Jan 12 j 18:06	16°♎36'16	26°26'03
	-9882 Jan 23 j 18:59	0°♏	
	-9882 Feb 09 j 19:49	0°♐	
morning set	-9882 Feb 11 j 00:27	2°♐28'25	
superior conj	-9882 Feb 18 j 00:23	17°♐32'31	-0°16'35
minimum elong	-9882 Feb 18 j 01:06	17°♐36'25	0°17'00
max. Earth dist.	-9882 Feb 18 j 05:15	17°♐59'07	1.32801 AU
asc. node	-9882 Feb 19 j 17:00	21°♐14'06	
	-9882 Feb 23 j 18:56	0°♑	
evening rise	-9882 Feb 25 j 02:47	2°♑46'38	
	-9882 Mar 11 j 23:30	0°♒	
evening max el	-9882 Mar 26 j 19:51	19°♒01'15	26°36'07
desc. node	-9882 Apr 07 j 09:09	26°♒07'51	
retrograde	-9882 Apr 09 j 22:26	26°♒24'18	
evening set	-9882 Apr 16 j 04:00	24°♒44'00	
min. Earth dist.	-9882 Apr 20 j 09:06	21°♒55'46	0.59767 AU
inferior conj	-9882 Apr 23 j 17:40	19°♒12'28	-3°21'22
minimum elong	-9882 Apr 23 j 15:01	19°♒17'53	3°21'28
morning rise	-9882 May 01 j 04:31	14°♒33'23	
direct	-9882 May 03 j 15:53	14°♒10'29	
morning max el	-9882 May 11 j 01:24	17°♒45'31	18°18'14
asc. node	-9882 May 18 j 16:51	27°♒59'51	
	-9882 May 19 j 21:27	0°♓	
morning set	-9882 May 27 j 03:38	13°♓15'10	
	-9882 Jun 05 j 02:55	0°♈	
superior conj	-9882 Jun 05 j 20:34	1°♈20'15	1°49'17
minimum elong	-9882 Jun 05 j 19:45	1°♈16'31	1°49'14
max. Earth dist.	-9882 Jun 13 j 06:10	14°♈22'33	1.40647 AU
evening rise	-9882 Jun 18 j 07:32	22°♈51'01	
	-9882 Jun 22 j 17:46	0°♉	
desc. node	-9882 Jul 04 j 06:28	17°♉33'41	
	-9882 Jul 13 j 04:13	0°♊	
evening max el	-9882 Jul 22 j 11:01	11°♊03'49	22°57'41
retrograde	-9882 Aug 01 j 10:35	16°♊59'00	
evening set	-9882 Aug 06 j 07:22	14°♊56'45	
inferior conj	-9882 Aug 11 j 12:59	8°♊42'12	-1°00'54
minimum elong	-9882 Aug 11 j 14:15	8°♊37'49	0°59'54
min. Earth dist.	-9882 Aug 11 j 09:59	8°♊52'32	0.67255 AU
asc. node	-9882 Aug 14 j 17:28	4°♊33'37	
morning rise	-9882 Aug 16 j 21:03	2°♊26'50	
direct	-9882 Aug 21 j 04:58	0°♊44'03	
morning max el	-9882 Aug 30 j 08:14	6°♊12'13	21°53'41
	-9882 Sep 17 j 08:22	0°♋	
desc. node	-9882 Sep 30 j 04:57	19°♋38'43	
morning set	-9882 Oct 01 j 06:37	21°♋20'31	
	-9882 Oct 06 j 15:04	0°♌	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9882 Oct 08 j 01:23	2°♌21'46	1.41709 AU
superior conj	-9882 Oct 15 j 12:26	15°♌04'16	-1°23'37
minimum elong	-9882 Oct 15 j 08:14	14°♌45'57	1°22'48
	-9882 Oct 23 j 20:09	0°♍	
evening rise	-9882 Oct 26 j 04:38	4°♍19'16	
asc. node	-9882 Nov 10 j 16:17	29°♍26'42	
	-9882 Nov 11 j 04:49	0°♎	
evening max el	-9882 Nov 11 j 12:46	0°♎20'07	18°10'32
retrograde	-9882 Nov 18 j 12:35	3°♎54'15	
evening set	-9882 Nov 21 j 01:43	3°♎26'28	
	-9882 Nov 26 j 09:51	30°℞♍	
inferior conj	-9882 Nov 28 j 01:52	28°♍31'06	4°04'00
minimum elong	-9882 Nov 27 j 23:16	28°♍37'01	4°03'47
min. Earth dist.	-9882 Dec 01 j 03:24	25°♍44'49	0.60848 AU
morning rise	-9882 Dec 04 j 19:32	22°♍55'51	
direct	-9882 Dec 11 j 17:47	20°♍41'15	
morning max el	-9882 Dec 25 j 17:26	28°♍09'23	27°18'25
desc. node	-9882 Dec 27 j 06:07	29°♍41'12	
	-9882 Dec 27 j 13:20	0°♎	
	-9881 Jan 17 j 09:23	0°♏	
morning set	-9881 Jan 26 j 08:49	17°♏20'10	
	-9881 Feb 01 j 07:38	0°♐	
max. Earth dist.	-9881 Feb 01 j 18:36	0°♐59'41	1.32813 AU
superior conj	-9881 Feb 02 j 12:07	2°♐35'09	-0°39'07
minimum elong	-9881 Feb 02 j 13:40	2°♐43'35	0°39'18
asc. node	-9881 Feb 06 j 14:11	11°♐28'38	
evening rise	-9881 Feb 09 j 12:42	17°♐44'04	
	-9881 Feb 15 j 15:58	0°♑	
	-9881 Mar 08 j 08:11	0°♒	
evening max el	-9881 Mar 08 j 16:43	0°♒20'34	25°26'24
retrograde	-9881 Mar 22 j 18:08	7°♒30'59	
desc. node	-9881 Mar 25 j 06:20	7°♒15'56	
evening set	-9881 Mar 28 j 00:04	6°♒26'02	
min. Earth dist.	-9881 Apr 02 j 05:43	3°♒30'37	0.57848 AU
inferior conj	-9881 Apr 05 j 08:26	1°♒19'45	-2°35'02
minimum elong	-9881 Apr 05 j 04:20	1°♒26'59	2°34'38
	-9881 Apr 07 j 06:46	30°℞♑	
morning rise	-9881 Apr 13 j 11:49	27°♑00'20	
direct	-9881 Apr 15 j 19:38	26°♑43'27	
	-9881 Apr 23 j 11:33	0°♒	
morning max el	-9881 Apr 24 j 07:10	0°♒44'08	18°54'05
asc. node	-9881 May 05 j 13:43	17°♒02'42	
morning set	-9881 May 10 j 20:09	27°♒04'21	
	-9881 May 12 j 08:02	0°♓	
superior conj	-9881 May 19 j 14:03	14°♓04'50	1°41'07
minimum elong	-9881 May 19 j 11:32	13°♓52'52	1°40'44
max. Earth dist.	-9881 May 26 j 06:51	26°♓28'03	1.38757 AU
	-9881 May 28 j 06:36	0°♈	
evening rise	-9881 May 30 j 08:16	3°♈36'11	
	-9881 Jun 15 j 21:26	0°♉	
desc. node	-9881 Jun 21 j 03:53	7°♉32'19	
evening max el	-9881 Jul 04 j 21:43	24°♉24'54	24°19'30
	-9881 Jul 12 j 03:16	0°♊	
retrograde	-9881 Jul 16 j 00:51	0°♊59'19	
	-9881 Jul 19 j 14:41	30°℞♉	
evening set	-9881 Jul 21 j 12:34	28°♉36'44	
min. Earth dist.	-9881 Jul 26 j 04:47	23°♉08'12	0.67094 AU
inferior conj	-9881 Jul 26 j 18:47	22°♉20'47	-1°47'02
minimum elong	-9881 Jul 26 j 20:52	22°♉13'44	1°45'54
morning rise	-9881 Aug 01 j 05:08	16°♉12'31	
asc. node	-9881 Aug 01 j 14:23	15°♉56'16	
direct	-9881 Aug 05 j 01:25	14°♉47'45	
morning max el	-9881 Aug 13 j 04:13	19°♉35'28	20°38'05
	-9881 Aug 21 j 12:39	0°♊	
morning set	-9881 Sep 10 j 11:14	29°♊51'19	
	-9881 Sep 10 j 13:28	0°♋	
desc. node	-9881 Sep 17 j 01:55	10°♋15'15	
max. Earth dist.	-9881 Sep 20 j 10:06	15°♋36'26	1.43277 AU
superior conj	-9881 Sep 26 j 10:03	25°♋25'28	-0°54'54
minimum elong	-9881 Sep 26 j 05:18	25°♋05'45	0°53'49
	-9881 Sep 29 j 03:42	0°♌	
evening rise	-9881 Oct 08 j 20:23	16°♌42'26	
	-9881 Oct 16 j 12:18	0°♍	
evening max el	-9881 Oct 26 j 01:10	13°♍34'41	18°09'02
asc. node	-9881 Oct 28 j 13:32	15°♍42'19	
retrograde	-9881 Nov 01 j 16:52	17°♍06'58	
evening set	-9881 Nov 04 j 08:25	16°♍32'28	
inferior conj	-9881 Nov 10 j 21:25	11°♍16'52	3°33'22
minimum elong	-9881 Nov 10 j 17:47	11°♍26'13	3°32'50
min. Earth dist.	-9881 Nov 13 j 11:53	8°♍36'39	0.62622 AU
morning rise	-9881 Nov 17 j 02:14	5°♍26'12	
direct	-9881 Nov 24 j 04:07	2°♍48'43	
morning max el	-9881 Dec 07 j 22:53	10°♍22'27	27°36'17
desc. node	-9881 Dec 14 j 02:52	17°♍09'51	
	-9881 Dec 23 j 11:25	0°♎	
	-9880 Jan 09 j 13:22	0°♏	
morning set	-9880 Jan 10 j 12:01	1°♏53'48	
max. Earth dist.	-9880 Jan 16 j 04:14	13°♏44'34	1.33170 AU
superior conj	-9880 Jan 17 j 22:24	17°♏31'15	-0°59'50
minimum elong	-9880 Jan 18 j 00:31	17°♏42'42	0°59'52
	-9880 Jan 23 j 17:14	0°♐	
asc. node	-9880 Jan 24 j 11:24	1°♐36'20	
evening rise	-9880 Jan 24 j 23:59	2°♐42'38	
	-9880 Feb 09 j 02:09	0°♑	
evening max el	-9880 Feb 18 j 09:58	11°♑15'26	23°58'08
retrograde	-9880 Mar 03 j 02:10	18°♑01'52	
evening set	-9880 Mar 07 j 04:21	17°♑24'42	
desc. node	-9880 Mar 11 j 03:26	15°♑45'39	
min. Earth dist.	-9880 Mar 13 j 22:46	14°♑09'46	0.56316 AU
inferior conj	-9880 Mar 16 j 03:26	12°♑48'30	-1°16'17
minimum elong	-9880 Mar 16 j 00:28	12°♑53'05	1°15'57
morning rise	-9880 Mar 24 j 23:31	8°♑43'27	
direct	-9880 Mar 27 j 04:56	8°♑30'28	
morning max el	-9880 Apr 06 j 04:40	13°♑12'05	19°49'43
	-9880 Apr 17 j 23:49	0°♒	
asc. node	-9880 Apr 21 j 10:37	6°♒32'46	
morning set	-9880 Apr 23 j 21:20	11°♒24'15	
superior conj	-9880 May 01 j 22:38	27°♒38'23	1°25'57
minimum elong	-9880 May 01 j 19:39	27°♒23'35	1°25'16
	-9880 May 03 j 03:18	0°♓	
max. Earth dist.	-9880 May 07 j 09:09	8°♓11'00	1.36967 AU
evening rise	-9880 May 11 j 10:07	15°♓39'06	
	-9880 May 19 j 17:33	0°♈	
desc. node	-9880 Jun 07 j 01:16	27°♈04'50	
	-9880 Jun 09 j 08:40	0°♉	
evening max el	-9880 Jun 16 j 07:23	7°♉48'04	25°35'26
retrograde	-9880 Jun 28 j 11:03	14°♉53'11	
evening set	-9880 Jul 04 j 13:12	12°♉14'23	
min. Earth dist.	-9880 Jul 08 j 20:16	7°♉24'05	0.66599 AU
inferior conj	-9880 Jul 09 j 22:19	5°♉59'27	-2°28'04
minimum elong	-9880 Jul 10 j 00:52	5°♉51'07	2°27'03
morning rise	-9880 Jul 15 j 12:36	0°♉01'18	
	-9880 Jul 15 j 13:23	30°℞♈	
asc. node	-9880 Jul 18 j 11:17	28°♈53'43	
direct	-9880 Jul 18 j 23:19	28°♈52'18	
	-9880 Jul 22 j 13:28	0°♉	
morning max el	-9880 Jul 26 j 06:49	3°♉05'43	19°34'34
	-9880 Aug 14 j 06:22	0°♊	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9880 Aug 19 j 15:37	8°♊24'23	
max. Earth dist.	-9880 Sep 01 j 23:49	29°♊23'56	1.44288 AU
	-9880 Sep 02 j 08:54	0°♋	
desc. node	-9880 Sep 02 j 22:57	0°♋55'52	
superior conj	-9880 Sep 05 j 04:15	4°♋28'25	-0°13'29
minimum elong	-9880 Sep 05 j 02:43	4°♋22'18	0°12'43
behind sun begin	-9880 Sep 04 j 19:41	3°♋54'10	
behind sun end	-9880 Sep 05 j 09:45	4°♋50'27	
evening rise	-9880 Sep 19 j 15:34	28°♋07'35	
	-9880 Sep 20 j 18:31	0°♌	
evening max el	-9880 Oct 08 j 14:32	26°♌58'44	18°26'05
	-9880 Oct 12 j 13:36	0°♍	
asc. node	-9880 Oct 14 j 10:46	0°♍34'45	
retrograde	-9880 Oct 15 j 05:46	0°♍38'09	
	-9880 Oct 17 j 21:22	30°℞♌	
evening set	-9880 Oct 18 j 01:49	29°♌54'33	
inferior conj	-9880 Oct 24 j 05:13	24°♌21'25	2°51'11
minimum elong	-9880 Oct 24 j 01:43	24°♌31'26	2°50'32
min. Earth dist.	-9880 Oct 26 j 06:29	22°♌01'13	0.64152 AU
morning rise	-9880 Oct 30 j 00:58	18°♌18'35	
direct	-9880 Nov 05 j 21:46	15°♌32'13	
morning max el	-9880 Nov 19 j 07:50	23°♌06'38	27°19'45
	-9880 Nov 25 j 13:27	0°♍	
desc. node	-9880 Nov 29 j 23:34	5°♍40'41	
	-9880 Dec 15 j 16:16	0°♎	
morning set	-9880 Dec 24 j 07:10	15°♎59'00	
max. Earth dist.	-9880 Dec 29 j 06:14	26°♎00'34	1.33923 AU
	-9880 Dec 31 j 04:03	0°♏	
superior conj	-9879 Jan 01 j 05:19	2°♏13'24	-1°17'50
minimum elong	-9879 Jan 01 j 07:38	2°♏25'41	1°17'48
evening rise	-9879 Jan 08 j 10:55	17°♏35'24	
asc. node	-9879 Jan 10 j 08:39	21°♏31'41	
	-9879 Jan 14 j 16:23	0°♐	
evening max el	-9879 Jan 30 j 04:32	22°♐07'57	22°24'22
retrograde	-9879 Feb 11 j 22:06	28°♐14'36	
evening set	-9879 Feb 15 j 01:50	27°♐52'45	
min. Earth dist.	-9879 Feb 23 j 14:08	24°♐05'57	0.55483 AU
inferior conj	-9879 Feb 24 j 06:08	23°♐43'01	0°27'46
minimum elong	-9879 Feb 24 j 07:20	23°♐41'18	0°26'49
desc. node	-9879 Feb 26 j 00:28	22°♐43'03	
morning rise	-9879 Mar 05 j 13:53	19°♐40'15	
direct	-9879 Mar 07 j 23:32	19°♐26'52	
morning max el	-9879 Mar 19 j 15:25	25°♐00'00	21°04'22
	-9879 Mar 24 j 03:05	0°♑	
morning set	-9879 Apr 08 j 04:22	26°♑05'49	
asc. node	-9879 Apr 08 j 07:34	26°♑22'13	
	-9879 Apr 10 j 01:43	0°♒	
superior conj	-9879 Apr 15 j 17:56	11°♒47'05	1°06'21
minimum elong	-9879 Apr 15 j 15:17	11°♒33'29	1°05'28
max. Earth dist.	-9879 Apr 19 j 19:16	19°♒59'25	1.35448 AU
evening rise	-9879 Apr 24 j 07:21	28°♒43'02	
	-9879 Apr 24 j 23:44	0°♓	
	-9879 May 12 j 22:20	0°♈	
desc. node	-9879 May 24 j 22:38	15°♈59'58	
evening max el	-9879 May 29 j 17:55	21°♈10'45	26°36'58
retrograde	-9879 Jun 11 j 16:27	28°♈34'09	
evening set	-9879 Jun 18 j 06:54	25°♈46'54	
min. Earth dist.	-9879 Jun 22 j 06:07	21°♈35'36	0.65732 AU
inferior conj	-9879 Jun 23 j 21:32	19°♈35'25	-3°02'17
minimum elong	-9879 Jun 24 j 00:08	19°♈27'31	3°01'35
morning rise	-9879 Jun 29 j 17:33	13°♈50'25	
direct	-9879 Jul 02 j 20:47	12°♈54'42	
asc. node	-9879 Jul 05 j 08:09	13°♈28'02	
morning max el	-9879 Jul 09 j 15:11	16°♈41'42	18°46'13
	-9879 Jul 19 j 10:43	0°♉	
morning set	-9879 Jul 30 j 14:24	17°♉50'14	
	-9879 Aug 07 j 04:28	0°♊	
superior conj	-9879 Aug 15 j 05:02	12°♊43'53	0°33'31
minimum elong	-9879 Aug 15 j 09:09	13°♊00'10	0°33'33
max. Earth dist.	-9879 Aug 15 j 16:22	13°♊28'44	1.44623 AU
desc. node	-9879 Aug 20 j 20:03	21°♊37'30	
	-9879 Aug 26 j 02:54	0°♋	
evening rise	-9879 Aug 31 j 09:06	8°♋22'24	
	-9879 Sep 14 j 02:40	0°♌	
evening max el	-9879 Sep 22 j 02:05	10°♌27'19	19°00'31
retrograde	-9879 Sep 28 j 23:47	14°♌22'18	
asc. node	-9879 Oct 01 j 07:56	13°♌50'54	
evening set	-9879 Oct 02 j 02:40	13°♌26'31	
inferior conj	-9879 Oct 07 j 22:07	7°♌38'54	2°02'33
minimum elong	-9879 Oct 07 j 19:23	7°♌47'19	2°02'06
min. Earth dist.	-9879 Oct 09 j 10:22	5°♌46'59	0.65375 AU
morning rise	-9879 Oct 13 j 11:42	1°♌27'08	
	-9879 Oct 15 j 11:58	30°℞♋	
direct	-9879 Oct 19 j 21:42	28°♋44'30	
	-9879 Oct 24 j 17:14	0°♌	
morning max el	-9879 Nov 01 j 17:47	6°♌10'20	26°33'50
desc. node	-9879 Nov 16 j 20:16	24°♌55'33	
	-9879 Nov 20 j 06:48	0°♍	
morning set	-9879 Dec 07 j 14:43	29°♍24'37	
	-9879 Dec 07 j 22:12	0°♎	
max. Earth dist.	-9879 Dec 11 j 21:51	7°♎43'58	1.35111 AU
superior conj	-9879 Dec 16 j 06:42	16°♎34'39	-1°31'59
minimum elong	-9879 Dec 16 j 08:42	16°♎44'55	1°31'56
	-9879 Dec 22 j 17:22	0°♏	
evening rise	-9879 Dec 23 j 19:49	2°♏16'59	
asc. node	-9879 Dec 28 j 05:55	11°♏09'05	
	-9878 Jan 09 j 02:07	0°♐	
evening max el	-9878 Jan 12 j 05:42	3°♐20'42	20°57'20
retrograde	-9878 Jan 23 j 11:55	8°♐38'36	
evening set	-9878 Jan 26 j 04:22	8°♐21'42	
inferior conj	-9878 Feb 04 j 03:00	4°♐23'18	2°12'59
minimum elong	-9878 Feb 04 j 08:08	4°♐15'53	2°11'00
min. Earth dist.	-9878 Feb 05 j 04:12	3°♐46'57	0.55528 AU
desc. node	-9878 Feb 12 j 21:25	0°♐15'41	
morning rise	-9878 Feb 13 j 10:49	0°♐07'29	
	-9878 Feb 14 j 01:23	30°℞♏	
direct	-9878 Feb 16 j 14:12	29°♏45'47	
	-9878 Feb 19 j 02:05	0°♐	
morning max el	-9878 Mar 01 j 15:05	6°♐07'43	22°34'35
	-9878 Mar 18 j 02:30	0°♑	
morning set	-9878 Mar 23 j 15:01	11°♑01'56	
asc. node	-9878 Mar 26 j 04:32	16°♑25'24	
superior conj	-9878 Mar 30 j 20:41	26°♑20'59	0°44'09
minimum elong	-9878 Mar 30 j 18:50	26°♑11'10	0°43'15
	-9878 Apr 01 j 14:22	0°♒	
max. Earth dist.	-9878 Apr 02 j 15:52	2°♒12'38	1.34269 AU
evening rise	-9878 Apr 07 j 18:39	12°♒31'48	
	-9878 Apr 17 j 07:01	0°♓	
	-9878 May 08 j 01:24	0°♈	
desc. node	-9878 May 11 j 20:00	4°♈02'06	
evening max el	-9878 May 12 j 04:58	4°♈24'06	27°15'57
retrograde	-9878 May 25 j 16:21	11°♈54'50	
evening set	-9878 Jun 01 j 14:51	9°♈10'01	
min. Earth dist.	-9878 Jun 05 j 08:13	5°♈35'12	0.64475 AU
inferior conj	-9878 Jun 07 j 14:07	3°♈04'40	-3°27'19
minimum elong	-9878 Jun 07 j 16:06	2°♈59'05	3°27'05
	-9878 Jun 10 j 12:10	30°℞♓	
morning rise	-9878 Jun 13 j 17:52	27°♓35'37	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9878 Jun 16 j 15:25	26°♓51'03	
asc. node	-9878 Jun 22 j 04:59	29°♓27'15	
	-9878 Jun 22 j 19:08	0°♈	
morning max el	-9878 Jun 23 j 03:32	0°♈20'39	18°14'48
morning set	-9878 Jul 11 j 14:47	28°♈27'48	
	-9878 Jul 12 j 12:43	0°♉	
superior conj	-9878 Jul 25 j 09:58	21°♉13'11	1°14'03
minimum elong	-9878 Jul 25 j 16:32	21°♉39'38	1°13'50
max. Earth dist.	-9878 Jul 29 j 08:58	27°♉33'28	1.44251 AU
	-9878 Jul 30 j 21:52	0°♊	
desc. node	-9878 Aug 07 j 17:13	12°♊16'46	
evening rise	-9878 Aug 11 j 00:36	17°♊26'06	
	-9878 Aug 19 j 03:39	0°♋	
greatest brilliancy	-9878 Aug 23 j 08:43	6°♋24'16	-0.7m
evening max el	-9878 Sep 05 j 09:13	23°♋55'20	19°50'59
retrograde	-9878 Sep 12 j 20:11	28°♋14'40	
evening set	-9878 Sep 16 j 08:12	27°♋03'29	
asc. node	-9878 Sep 18 j 05:04	25°♋28'51	
inferior conj	-9878 Sep 21 j 21:24	21°♋04'19	1°10'51
minimum elong	-9878 Sep 21 j 19:47	21°♋09'37	1°10'47
min. Earth dist.	-9878 Sep 22 j 21:40	19°♋44'48	0.66283 AU
morning rise	-9878 Sep 27 j 07:07	14°♋46'59	
direct	-9878 Oct 03 j 03:14	12°♋16'55	
morning max el	-9878 Oct 15 j 03:24	19°♋22'29	25°26'06
	-9878 Oct 24 j 06:06	0°♌	
desc. node	-9878 Nov 03 j 16:59	14°♌40'51	
	-9878 Nov 13 j 08:56	0°♍	
morning set	-9878 Nov 20 j 05:57	11°♍56'15	
max. Earth dist.	-9878 Nov 24 j 02:53	19°♍04'05	1.36717 AU
superior conj	-9878 Nov 29 j 23:41	0°♎25'18	-1°40'47
minimum elong	-9878 Nov 30 j 00:41	0°♎30'17	1°40'42
	-9878 Nov 29 j 18:35	0°♎	
evening rise	-9878 Dec 08 j 00:46	16°♎40'48	
	-9878 Dec 14 j 22:26	0°♏	
asc. node	-9878 Dec 15 j 03:12	0°♏21'17	
evening max el	-9878 Dec 25 j 16:28	15°♏05'11	19°45'26
retrograde	-9877 Jan 04 j 08:25	19°♏38'27	
evening set	-9877 Jan 06 j 21:15	19°♏21'05	
inferior conj	-9877 Jan 15 j 07:35	15°♏16'25	3°31'06
minimum elong	-9877 Jan 15 j 12:44	15°♏08'15	3°29'46
min. Earth dist.	-9877 Jan 17 j 17:38	13°♏44'51	0.56411 AU
morning rise	-9877 Jan 24 j 02:09	10°♏36'48	
direct	-9877 Jan 28 j 11:13	9°♏53'56	
desc. node	-9877 Jan 30 j 18:18	10°♏06'01	
morning max el	-9877 Feb 11 j 07:15	16°♏50'11	24°11'59
	-9877 Feb 21 j 21:27	0°♐	
morning set	-9877 Mar 08 j 03:22	26°♐06'00	
	-9877 Mar 09 j 23:36	0°♑	
asc. node	-9877 Mar 13 j 01:34	6°♑37'37	
superior conj	-9877 Mar 15 j 04:25	11°♑12'02	0°20'39
minimum elong	-9877 Mar 15 j 03:33	11°♑07'21	0°19'54
max. Earth dist.	-9877 Mar 16 j 21:28	14°♑52'19	1.33434 AU
evening rise	-9877 Mar 22 j 15:51	26°♑52'20	
	-9877 Mar 24 j 05:29	0°♒	
	-9877 Apr 10 j 15:42	0°♓	
evening max el	-9877 Apr 24 j 14:26	17°♓15'39	27°25'59
desc. node	-9877 Apr 28 j 17:20	20°♓49'19	
retrograde	-9877 May 08 j 10:09	24°♓47'12	
evening set	-9877 May 15 j 09:50	22°♓17'57	
min. Earth dist.	-9877 May 19 j 01:11	19°♓11'59	0.62839 AU
inferior conj	-9877 May 21 j 21:13	16°♓21'46	-3°39'48
minimum elong	-9877 May 21 j 21:52	16°♓20'08	3°39'58
morning rise	-9877 May 28 j 11:02	11°♓11'14	
direct	-9877 May 31 j 04:10	10°♓36'08	
morning max el	-9877 Jun 06 j 17:36	13°♓58'26	18°01'23
asc. node	-9877 Jun 09 j 01:49	16°♓35'46	
	-9877 Jun 17 j 18:55	0°♈	
morning set	-9877 Jun 23 j 15:06	10°♈13'40	
	-9877 Jul 05 j 01:35	0°♉	
superior conj	-9877 Jul 05 j 13:35	0°♉50'22	1°39'40
minimum elong	-9877 Jul 05 j 17:55	1°♉08'31	1°39'38
max. Earth dist.	-9877 Jul 11 j 22:16	11°♉19'28	1.43222 AU
evening rise	-9877 Jul 21 j 01:46	25°♉50'52	
	-9877 Jul 23 j 18:03	0°♊	
desc. node	-9877 Jul 25 j 14:29	2°♊50'49	
	-9877 Aug 13 j 05:56	0°♋	
evening max el	-9877 Aug 19 j 10:05	7°♋20'39	20°55'31
retrograde	-9877 Aug 27 j 16:52	12°♋13'04	
evening set	-9877 Aug 31 j 16:09	10°♋43'30	
asc. node	-9877 Sep 05 j 02:09	5°♋52'52	
inferior conj	-9877 Sep 06 j 00:55	4°♋35'54	0°18'30
minimum elong	-9877 Sep 06 j 00:29	4°♋37'22	0°18'55
min. Earth dist.	-9877 Sep 06 j 14:16	3°♋50'28	0.66890 AU
	-9877 Sep 09 j 15:00	30°℞♊	
morning rise	-9877 Sep 11 j 08:40	28°♊16'23	
direct	-9877 Sep 16 j 14:01	26°♊03'45	
	-9877 Sep 24 j 17:48	0°♋	
morning max el	-9877 Sep 27 j 13:04	2°♋37'21	24°05'25
	-9877 Oct 18 j 10:07	0°♌	
desc. node	-9877 Oct 21 j 13:45	4°♌47'53	
morning set	-9877 Nov 01 j 23:24	23°♌19'54	
	-9877 Nov 05 j 19:12	0°♍	
max. Earth dist.	-9877 Nov 06 j 01:32	0°♍28'08	1.38628 AU
superior conj	-9877 Nov 13 j 04:32	13°♍34'51	-1°42'15
minimum elong	-9877 Nov 13 j 03:48	13°♍31'22	1°42'01
evening rise	-9877 Nov 21 j 23:33	0°♎40'56	
	-9877 Nov 21 j 15:12	0°♎	
asc. node	-9877 Dec 02 j 00:31	18°♎59'51	
evening max el	-9877 Dec 08 j 13:13	27°♎23'03	18°52'43
	-9877 Dec 11 j 23:08	0°♏	
retrograde	-9877 Dec 16 j 20:51	1°♏23'15	
evening set	-9877 Dec 19 j 08:50	1°♏03'01	
	-9877 Dec 22 j 01:47	30°℞♎	
inferior conj	-9877 Dec 27 j 05:17	26°♎41'32	4°09'50
minimum elong	-9877 Dec 27 j 07:16	26°♎37'55	4°09'30
min. Earth dist.	-9877 Dec 30 j 08:36	24°♎25'27	0.57920 AU
morning rise	-9876 Jan 04 j 03:37	21°♎36'47	
direct	-9876 Jan 09 j 19:55	20°♎19'18	
desc. node	-9876 Jan 17 j 15:08	22°♎40'28	
morning max el	-9876 Jan 23 j 22:28	27°♎34'48	25°42'50
	-9876 Jan 26 j 07:24	0°♏	
	-9876 Feb 15 j 02:16	0°♐	
morning set	-9876 Feb 20 j 15:36	11°♐10'52	
superior conj	-9876 Feb 27 j 15:03	26°♐12'51	-0°03'08
minimum elong	-9876 Feb 27 j 15:13	26°♐13'41	0°03'40
behind sun begin	-9876 Feb 27 j 10:18	25°♐46'58	
behind sun end	-9876 Feb 27 j 20:07	26°♐40'23	
asc. node	-9876 Feb 27 j 22:38	26°♐54'09	
max. Earth dist.	-9876 Feb 28 j 08:49	27°♐49'31	1.32932 AU
	-9876 Feb 29 j 08:52	0°♑	
evening rise	-9876 Mar 05 j 19:48	11°♑33'43	
	-9876 Mar 15 j 11:20	0°♒	
evening max el	-9876 Apr 05 j 19:56	29°♒33'44	27°03'33
	-9876 Apr 06 j 06:59	0°♓	
desc. node	-9876 Apr 14 j 14:39	5°♓51'10	
retrograde	-9876 Apr 19 j 21:03	7°♓01'57	
evening set	-9876 Apr 26 j 12:16	5°♓01'00	
min. Earth dist.	-9876 Apr 30 j 09:00	2°♓10'52	0.60921 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9876 May 02 j 20:45	30°℞♒	
inferior conj	-9876 May 03 j 15:27	29°♒18'24	-3°34'45
minimum elong	-9876 May 03 j 14:04	29°♒21'27	3°35'02
morning rise	-9876 May 10 j 17:54	24°♒27'58	
direct	-9876 May 13 j 07:15	24°♒01'04	
morning max el	-9876 May 20 j 06:43	27°♒27'45	18°06'35
	-9876 May 22 j 14:10	0°♓	
asc. node	-9876 May 25 j 22:39	4°♓37'56	
morning set	-9876 Jun 05 j 10:36	22°♓55'44	
	-9876 Jun 09 j 06:50	0°♈	
superior conj	-9876 Jun 15 j 20:27	11°♈48'42	1°49'32
minimum elong	-9876 Jun 15 j 21:14	11°♈52'13	1°49'35
max. Earth dist.	-9876 Jun 23 j 05:35	24°♈28'28	1.41678 AU
	-9876 Jun 26 j 13:52	0°♉	
evening rise	-9876 Jun 29 j 10:25	4°♉37'13	
desc. node	-9876 Jul 11 j 11:50	23°♉15'20	
	-9876 Jul 16 j 02:11	0°♊	
evening max el	-9876 Aug 01 j 04:06	20°♊42'36	22°11'07
retrograde	-9876 Aug 10 j 12:06	26°♊14'41	
evening set	-9876 Aug 15 j 00:32	24°♊24'40	
inferior conj	-9876 Aug 20 j 06:44	18°♊11'40	-0°32'37
minimum elong	-9876 Aug 20 j 07:26	18°♊09'17	0°31'48
min. Earth dist.	-9876 Aug 20 j 09:43	18°♊01'21	0.67204 AU
asc. node	-9876 Aug 21 j 23:10	15°♊53'59	
morning rise	-9876 Aug 25 j 14:12	11°♊53'35	
direct	-9876 Aug 30 j 05:28	9°♊59'59	
morning max el	-9876 Sep 09 j 00:42	15°♊53'25	22°40'49
	-9876 Sep 20 j 10:48	0°♋	
desc. node	-9876 Oct 07 j 10:36	25°♋10'19	
	-9876 Oct 10 j 11:34	0°♌	
morning set	-9876 Oct 12 j 14:29	3°♌25'49	
max. Earth dist.	-9876 Oct 18 j 00:26	12°♌25'54	1.40622 AU
superior conj	-9876 Oct 25 j 16:27	25°♌50'45	-1°33'55
minimum elong	-9876 Oct 25 j 13:27	25°♌37'15	1°33'20
	-9876 Oct 27 j 23:17	0°♍	
evening rise	-9876 Nov 04 j 13:22	14°♍10'42	
	-9876 Nov 13 j 06:45	0°♎	
asc. node	-9876 Nov 17 j 21:49	6°♎54'10	
evening max el	-9876 Nov 20 j 18:19	10°♎09'35	18°20'16
retrograde	-9876 Nov 28 j 02:58	13°♎49'37	
evening set	-9876 Nov 30 j 15:19	13°♎25'04	
inferior conj	-9876 Dec 07 j 22:34	8°♎42'36	4°13'38
minimum elong	-9876 Dec 07 j 21:15	8°♎45'23	4°13'33
min. Earth dist.	-9876 Dec 11 j 04:03	6°♎00'50	0.59756 AU
morning rise	-9876 Dec 15 j 01:31	3°♎17'15	
direct	-9876 Dec 21 j 16:30	1°♎21'13	
desc. node	-9875 Jan 03 j 11:53	7°♎36'11	
morning max el	-9875 Jan 04 j 18:11	8°♎46'39	26°52'22
	-9875 Jan 20 j 23:47	0°♏	
morning set	-9875 Feb 04 j 01:58	26°♏09'52	
	-9875 Feb 05 j 21:44	0°♐	
superior conj	-9875 Feb 11 j 02:54	11°♐17'07	-0°26'19
minimum elong	-9875 Feb 11 j 03:59	11°♐23'04	0°26'37
max. Earth dist.	-9875 Feb 10 j 22:23	10°♐52'26	1.32756 AU
asc. node	-9875 Feb 13 j 19:48	17°♐10'59	
evening rise	-9875 Feb 18 j 04:09	26°♐27'48	
	-9875 Feb 19 j 21:19	0°♑	
	-9875 Mar 09 j 07:31	0°♒	
evening max el	-9875 Mar 18 j 20:03	11°♒14'06	26°09'33
desc. node	-9875 Apr 01 j 11:52	18°♒32'59	
retrograde	-9875 Apr 01 j 23:14	18°♒33'33	
evening set	-9875 Apr 07 j 19:32	17°♒08'37	
min. Earth dist.	-9875 Apr 12 j 09:19	14°♒18'47	0.58923 AU
inferior conj	-9875 Apr 15 j 17:11	11°♒46'27	-3°05'36
minimum elong	-9875 Apr 15 j 13:44	11°♒53'06	3°05'29
morning rise	-9875 Apr 23 j 10:52	7°♒16'04	
direct	-9875 Apr 25 j 20:31	6°♒56'05	
morning max el	-9875 May 03 j 16:01	10°♒40'27	18°31'00
asc. node	-9875 May 12 j 19:30	23°♒21'42	
	-9875 May 16 j 11:45	0°♓	
morning set	-9875 May 19 j 20:36	6°♓23'16	
superior conj	-9875 May 29 j 02:52	23°♓58'39	1°46'52
minimum elong	-9875 May 29 j 01:10	23°♓50'42	1°46'41
	-9875 Jun 01 j 09:57	0°♈	
max. Earth dist.	-9875 Jun 05 j 07:19	6°♈53'50	1.39848 AU
evening rise	-9875 Jun 09 j 19:17	14°♈34'59	
	-9875 Jun 19 j 09:07	0°♉	
desc. node	-9875 Jun 28 j 09:14	13°♉25'13	
	-9875 Jul 10 j 23:19	0°♊	
evening max el	-9875 Jul 14 j 16:45	4°♊03'26	23°32'42
retrograde	-9875 Jul 25 j 04:28	10°♊16'22	
evening set	-9875 Jul 30 j 07:27	8°♊05'27	
min. Earth dist.	-9875 Aug 04 j 05:32	2°♊15'43	0.67225 AU
inferior conj	-9875 Aug 04 j 13:03	1°♊49'55	-1°21'00
minimum elong	-9875 Aug 04 j 14:42	1°♊44'15	1°19'55
	-9875 Aug 05 j 21:27	30°℞♉	
asc. node	-9875 Aug 08 j 20:08	26°♉33'04	
morning rise	-9875 Aug 09 j 21:52	25°♉36'52	
direct	-9875 Aug 14 j 00:34	24°♉01'53	
morning max el	-9875 Aug 22 j 16:57	29°♉12'41	21°20'09
	-9875 Aug 23 j 10:55	0°♊	
	-9875 Sep 14 j 04:26	0°♋	
morning set	-9875 Sep 22 j 04:17	12°♋20'33	
desc. node	-9875 Sep 24 j 07:30	15°♋42'49	
max. Earth dist.	-9875 Sep 30 j 04:49	25°♋12'13	1.42431 AU
	-9875 Oct 03 j 02:32	0°♌	
superior conj	-9875 Oct 07 j 05:35	6°♌57'43	-1°13'09
minimum elong	-9875 Oct 07 j 00:49	6°♌37'21	1°12'10
evening rise	-9875 Oct 18 j 14:28	27°♌00'54	
	-9875 Oct 20 j 06:13	0°♍	
evening max el	-9875 Nov 04 j 04:57	23°♍16'07	18°07'38
asc. node	-9875 Nov 04 j 19:06	23°♍50'11	
retrograde	-9875 Nov 11 j 00:12	26°♍47'56	
evening set	-9875 Nov 13 j 14:11	26°♍17'31	
inferior conj	-9875 Nov 20 j 09:26	21°♍13'34	3°52'47
minimum elong	-9875 Nov 20 j 06:13	21°♍21'17	3°52'26
min. Earth dist.	-9875 Nov 23 j 06:54	18°♍27'35	0.61628 AU
morning rise	-9875 Nov 26 j 21:08	15°♍31'35	
direct	-9875 Dec 03 j 22:27	13°♍05'12	
morning max el	-9875 Dec 17 j 20:04	20°♍36'09	27°30'20
desc. node	-9875 Dec 21 j 08:36	24°♍17'29	
	-9875 Dec 26 j 01:30	0°♎	
	-9874 Jan 13 j 19:35	0°♏	
morning set	-9874 Jan 19 j 08:23	10°♏54'22	
max. Earth dist.	-9874 Jan 25 j 10:23	23°♏46'38	1.32917 AU
superior conj	-9874 Jan 26 j 14:12	26°♏17'30	-0°48'11
minimum elong	-9874 Jan 26 j 16:01	26°♏27'26	0°48'17
	-9874 Jan 28 j 07:05	0°♐	
asc. node	-9874 Jan 31 j 16:59	7°♐23'01	
evening rise	-9874 Feb 02 j 14:50	11°♐26'11	
	-9874 Feb 12 j 05:05	0°♑	
evening max el	-9874 Feb 28 j 15:05	22°♑21'03	24°50'31
retrograde	-9874 Mar 14 j 14:05	29°♑22'35	
evening set	-9874 Mar 19 j 07:59	28°♑31'09	
desc. node	-9874 Mar 19 j 08:59	28°♑30'16	
min. Earth dist.	-9874 Mar 25 j 04:20	25°♑28'40	0.57129 AU
inferior conj	-9874 Mar 27 j 23:29	23°♑37'32	-2°05'37
minimum elong	-9874 Mar 27 j 19:28	23°♑44'15	2°05'06

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning rise	-9874 Apr 05 j 10:07	19°♉24'48	
direct	-9874 Apr 07 j 16:33	19°♉09'54	
morning max el	-9874 Apr 16 j 18:30	23°♉26'40	19°15'15
	-9874 Apr 22 j 05:31	0°♒	
asc. node	-9874 Apr 29 j 16:23	12°♒37'08	
morning set	-9874 May 03 j 17:11	20°♒26'37	
	-9874 May 08 j 12:37	0°♓	
superior conj	-9874 May 12 j 03:20	7°♓05'26	1°35'22
minimum elong	-9874 May 12 j 00:30	6°♓51'41	1°34'50
max. Earth dist.	-9874 May 18 j 08:00	18°♓47'01	1.37977 AU
evening rise	-9874 May 22 j 07:20	25°♓55'10	
	-9874 May 24 j 15:40	0°♈	
	-9874 Jun 12 j 22:11	0°♉	
desc. node	-9874 Jun 15 j 06:37	3°♉13'54	
evening max el	-9874 Jun 27 j 02:54	17°♉26'23	24°53'05
retrograde	-9874 Jul 08 j 16:58	24°♉14'37	
evening set	-9874 Jul 14 j 10:57	21°♉44'43	
min. Earth dist.	-9874 Jul 18 j 23:15	16°♉32'05	0.66930 AU
inferior conj	-9874 Jul 19 j 18:07	15°♉29'07	-2°05'10
minimum elong	-9874 Jul 19 j 20:27	15°♉21'20	2°04'03
morning rise	-9874 Jul 25 j 05:55	9°♉24'39	
asc. node	-9874 Jul 26 j 17:02	8°♉34'38	
direct	-9874 Jul 28 j 21:59	8°♉06'40	
morning max el	-9874 Aug 05 j 15:40	12°♉38'37	20°09'19
	-9874 Aug 18 j 16:16	0°♊	
morning set	-9874 Sep 01 j 06:10	20°♊45'08	
	-9874 Sep 07 j 04:06	0°♋	
desc. node	-9874 Sep 11 j 04:30	6°♋21'38	
max. Earth dist.	-9874 Sep 12 j 16:11	8°♋44'04	1.43791 AU
superior conj	-9874 Sep 17 j 15:18	16°♋45'03	-0°38'38
minimum elong	-9874 Sep 17 j 11:24	16°♋29'08	0°37'36
	-9874 Sep 25 j 15:01	0°♌	
evening rise	-9874 Sep 30 j 22:09	9°♌01'08	
	-9874 Oct 13 j 13:50	0°♍	
evening max el	-9874 Oct 18 j 18:10	6°♍35'46	18°14'03
asc. node	-9874 Oct 22 j 16:19	9°♍32'35	
retrograde	-9874 Oct 25 j 08:34	10°♍09'41	
evening set	-9874 Oct 28 j 01:53	9°♍31'27	
inferior conj	-9874 Nov 03 j 10:36	4°♍07'55	3°16'28
minimum elong	-9874 Nov 03 j 06:54	4°♍17'52	3°15'52
min. Earth dist.	-9874 Nov 05 j 19:28	1°♍35'09	0.63318 AU
	-9874 Nov 07 j 09:22	30°℞♌	
morning rise	-9874 Nov 09 j 11:11	28°♌11'58	
direct	-9874 Nov 16 j 11:54	25°♌29'10	
	-9874 Nov 26 j 17:01	0°♍	
morning max el	-9874 Nov 30 j 03:09	3°♍02'59	27°33'12
desc. node	-9874 Dec 08 j 05:20	12°♍15'00	
	-9874 Dec 20 j 09:41	0°♎	
morning set	-9873 Jan 03 j 08:28	25°♎16'23	
	-9873 Jan 05 j 16:24	0°♏	
max. Earth dist.	-9873 Jan 08 j 17:15	6°♏20'10	1.33446 AU
superior conj	-9873 Jan 10 j 23:15	11°♏07'56	-1°07'52
minimum elong	-9873 Jan 11 j 01:30	11°♏20'03	1°07'52
evening rise	-9873 Jan 18 j 02:09	26°♏22'42	
asc. node	-9873 Jan 18 j 14:12	27°♏25'44	
	-9873 Jan 19 j 20:02	0°♐	
	-9873 Feb 07 j 06:33	0°♉	
evening max el	-9873 Feb 10 j 08:13	3°♉11'16	23°18'02
retrograde	-9873 Feb 23 j 16:06	9°♉41'53	
evening set	-9873 Feb 27 j 07:49	9°♉12'39	
desc. node	-9873 Mar 06 j 06:04	6°♉06'40	
min. Earth dist.	-9873 Mar 06 j 20:09	5°♉46'09	0.55864 AU
inferior conj	-9873 Mar 08 j 10:34	4°♉49'20	-0°34'07
minimum elong	-9873 Mar 08 j 09:07	4°♉51'30	0°34'13
morning rise	-9873 Mar 17 j 12:38	0°♉47'09	
direct	-9873 Mar 19 j 18:54	0°♉34'31	
morning max el	-9873 Mar 30 j 11:27	5°♉37'01	20°19'21
	-9873 Apr 15 j 09:56	0°♒	
asc. node	-9873 Apr 16 j 13:18	2°♒16'00	
morning set	-9873 Apr 17 j 21:09	4°♒56'32	
superior conj	-9873 Apr 25 j 16:53	20°♒54'53	1°18'04
minimum elong	-9873 Apr 25 j 13:59	20°♒40'12	1°17'16
	-9873 Apr 30 j 07:06	0°♓	
max. Earth dist.	-9873 Apr 30 j 13:27	0°♓30'42	1.36280 AU
evening rise	-9873 May 04 j 18:04	8°♓25'33	
	-9873 May 17 j 08:25	0°♈	
desc. node	-9873 Jun 02 j 04:00	22°♈32'05	
	-9873 Jun 08 j 16:54	0°♉	
evening max el	-9873 Jun 09 j 12:53	0°♉50'16	26°03'53
retrograde	-9873 Jun 22 j 01:00	8°♉03'55	
evening set	-9873 Jun 28 j 08:54	5°♉20'18	
min. Earth dist.	-9873 Jul 02 j 12:27	0°♉46'54	0.66282 AU
	-9873 Jul 03 j 03:18	30°℞♈	
inferior conj	-9873 Jul 03 j 20:03	29°♈06'49	-2°43'33
minimum elong	-9873 Jul 03 j 22:41	28°♈58'27	2°42'38
morning rise	-9873 Jul 09 j 12:33	23°♈14'06	
direct	-9873 Jul 12 j 19:56	22°♈10'57	
asc. node	-9873 Jul 13 j 13:55	22°♈14'06	
morning max el	-9873 Jul 19 j 20:54	26°♈11'37	19°12'04
	-9873 Jul 23 j 03:31	0°♉	
morning set	-9873 Aug 11 j 16:44	29°♉36'35	
	-9873 Aug 11 j 22:40	0°♊	
max. Earth dist.	-9873 Aug 26 j 08:04	22°♊43'21	1.44524 AU
superior conj	-9873 Aug 27 j 23:53	25°♊21'05	0°06'30
minimum elong	-9873 Aug 28 j 00:46	25°♊24'33	0°06'57
behind sun begin	-9873 Aug 27 j 14:24	24°♊43'28	
behind sun end	-9873 Aug 28 j 11:08	26°♊05'40	
desc. node	-9873 Aug 29 j 01:33	27°♊02'54	
	-9873 Aug 30 j 22:04	0°♋	
evening rise	-9873 Sep 12 j 06:54	19°♋57'43	
	-9873 Sep 18 j 10:15	0°♌	
evening max el	-9873 Oct 02 j 07:02	20°♌01'57	18°38'36
retrograde	-9873 Oct 09 j 00:09	23°♌47'01	
asc. node	-9873 Oct 09 j 13:30	23°♌45'17	
evening set	-9873 Oct 11 j 22:51	22°♌58'32	
inferior conj	-9873 Oct 17 j 22:38	17°♌18'31	2°31'05
minimum elong	-9873 Oct 17 j 19:24	17°♌28'05	2°30'29
min. Earth dist.	-9873 Oct 19 j 18:07	15°♌09'56	0.64714 AU
morning rise	-9873 Oct 23 j 15:27	11°♌11'25	
direct	-9873 Oct 30 j 08:03	8°♌25'43	
morning max el	-9873 Nov 12 j 13:00	15°♌57'28	27°03'26
	-9873 Nov 24 j 06:51	0°♍	
desc. node	-9873 Nov 25 j 02:02	1°♍06'17	
	-9873 Dec 13 j 02:36	0°♎	
morning set	-9873 Dec 17 j 23:11	9°♎06'15	
max. Earth dist.	-9873 Dec 22 j 15:22	18°♎23'32	1.34378 AU
superior conj	-9873 Dec 26 j 04:06	25°♎42'00	-1°24'23
minimum elong	-9873 Dec 26 j 06:21	25°♎53'49	1°24'21
	-9873 Dec 28 j 05:05	0°♏	
evening rise	-9872 Jan 02 j 12:27	11°♏11'37	
asc. node	-9872 Jan 05 j 11:26	17°♏14'15	
	-9872 Jan 12 j 09:36	0°♐	
evening max el	-9872 Jan 23 j 04:52	14°♐09'39	21°45'49
retrograde	-9872 Feb 04 j 08:30	19°♐56'30	
evening set	-9872 Feb 07 j 06:11	19°♐37'36	
inferior conj	-9872 Feb 16 j 09:10	15°♐34'32	1°14'11
minimum elong	-9872 Feb 16 j 12:21	15°♐30'01	1°12'37
min. Earth dist.	-9872 Feb 16 j 10:41	15°♐32'22	0.55388 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9872 Feb 21 j 03:04	13°♐02'56	
morning rise	-9872 Feb 25 j 18:43	11°♐28'31	
direct	-9872 Feb 28 j 09:56	11°♐12'59	
morning max el	-9872 Mar 11 j 17:25	17°♐07'34	21°41'24
	-9872 Mar 21 j 17:01	0°♑	
morning set	-9872 Apr 01 j 06:00	19°♑45'38	
asc. node	-9872 Apr 02 j 10:15	22°♑12'17	
	-9872 Apr 06 j 03:23	0°♒	
superior conj	-9872 Apr 08 j 15:45	5°♒16'01	0°57'10
minimum elong	-9872 Apr 08 j 13:24	5°♒03'47	0°56'16
max. Earth dist.	-9872 Apr 12 j 03:58	12°♒28'39	1.34894 AU
evening rise	-9872 Apr 16 j 21:52	21°♒50'30	
	-9872 Apr 21 j 06:46	0°♓	
	-9872 May 10 j 02:36	0°♈	
desc. node	-9872 May 19 j 01:23	11°♈07'13	
evening max el	-9872 May 21 j 23:35	14°♈09'52	26°56'40
retrograde	-9872 Jun 04 j 04:10	21°♈37'56	
evening set	-9872 Jun 10 j 22:51	18°♈49'49	
min. Earth dist.	-9872 Jun 14 j 19:07	14°♈54'57	0.65247 AU
inferior conj	-9872 Jun 16 j 16:45	12°♈40'36	-3°14'13
minimum elong	-9872 Jun 16 j 19:10	12°♈33'28	3°13'42
morning rise	-9872 Jun 22 j 15:50	7°♈02'22	
direct	-9872 Jun 25 j 16:24	6°♈11'46	
asc. node	-9872 Jun 29 j 10:47	7°♈26'41	
morning max el	-9872 Jul 02 j 07:19	9°♈50'06	18°30'45
	-9872 Jul 16 j 06:34	0°♉	
morning set	-9872 Jul 22 j 02:10	9°♉32'28	
	-9872 Aug 03 j 17:40	0°♊	
superior conj	-9872 Aug 05 j 23:35	3°♊34'32	0°52'12
minimum elong	-9872 Aug 06 j 05:24	3°♊57'35	0°52'02
max. Earth dist.	-9872 Aug 08 j 00:57	6°♊50'11	1.44552 AU
desc. node	-9872 Aug 14 j 22:40	17°♊43'55	
evening rise	-9872 Aug 22 j 12:55	29°♊41'15	
	-9872 Aug 22 j 17:40	0°♋	
greatest brilliancy	-9872 Aug 31 j 16:44	14°♋03'13	-0.8m
	-9872 Sep 11 j 16:00	0°♌	
evening max el	-9872 Sep 14 j 16:54	3°♌30'20	19°20'04
retrograde	-9872 Sep 21 j 19:36	7°♌35'04	
evening set	-9872 Sep 25 j 02:00	6°♌33'13	
asc. node	-9872 Sep 25 j 10:40	6°♌18'52	
inferior conj	-9872 Sep 30 j 18:34	0°♌40'08	1°40'50
minimum elong	-9872 Sep 30 j 16:18	0°♌47'22	1°40'31
	-9872 Oct 01 j 07:10	30°℞♋	
min. Earth dist.	-9872 Oct 02 j 01:34	29°♋01'36	0.65797 AU
morning rise	-9872 Oct 06 j 06:14	24°♋25'17	
direct	-9872 Oct 12 j 10:25	21°♋47'12	
morning max el	-9872 Oct 24 j 23:06	29°♋06'42	26°07'07
	-9872 Oct 25 j 20:06	0°♌	
desc. node	-9872 Nov 10 j 22:44	20°♌35'17	
	-9872 Nov 17 j 02:31	0°♍	
morning set	-9872 Nov 30 j 00:28	22°♍11'06	
max. Earth dist.	-9872 Dec 04 j 02:18	29°♍55'01	1.35743 AU
	-9872 Dec 04 j 03:20	0°♎	
superior conj	-9872 Dec 09 j 02:18	9°♎51'21	-1°36'29
minimum elong	-9872 Dec 09 j 03:58	9°♎59'48	1°36'26
evening rise	-9872 Dec 16 j 19:56	25°♎46'25	
	-9872 Dec 18 j 21:59	0°♏	
asc. node	-9872 Dec 22 j 08:43	6°♏42'03	
evening max el	-9871 Jan 04 j 09:53	25°♏35'11	20°24'35
	-9871 Jan 11 j 10:12	0°♐	
retrograde	-9871 Jan 14 j 23:59	0°♐33'27	
evening set	-9871 Jan 17 j 13:59	0°♐16'58	
	-9871 Jan 18 j 17:04	30°℞♏	
inferior conj	-9871 Jan 26 j 07:51	26°♏17'43	2°50'40
minimum elong	-9871 Jan 26 j 13:32	26°♏09'13	2°48'47
min. Earth dist.	-9871 Jan 28 j 00:42	25°♏16'54	0.55802 AU
morning rise	-9871 Feb 04 j 11:21	21°♏52'08	
desc. node	-9871 Feb 07 j 00:00	21°♏26'02	
direct	-9871 Feb 08 j 02:05	21°♏23'23	
morning max el	-9871 Feb 21 j 13:26	28°♏02'46	23°15'55
	-9871 Feb 23 j 11:44	0°♐	
	-9871 Mar 14 j 10:04	0°♑	
morning set	-9871 Mar 16 j 17:35	4°♑45'50	
asc. node	-9871 Mar 20 j 07:15	12°♑19'54	
superior conj	-9871 Mar 23 j 20:55	19°♑58'21	0°34'16
minimum elong	-9871 Mar 23 j 19:28	19°♑50'37	0°33'26
max. Earth dist.	-9871 Mar 26 j 04:24	24°♑52'10	1.33865 AU
	-9871 Mar 28 j 15:39	0°♒	
evening rise	-9871 Mar 31 j 13:50	5°♒54'15	
	-9871 Apr 13 j 22:10	0°♓	
evening max el	-9871 May 04 j 10:07	27°♓14'54	27°24'04
desc. node	-9871 May 05 j 22:46	28°♓40'37	
	-9871 May 07 j 11:44	0°♈	
retrograde	-9871 May 18 j 01:52	4°♈47'33	
evening set	-9871 May 25 j 01:44	2°♈07'34	
	-9871 May 27 j 12:13	30°℞♓	
min. Earth dist.	-9871 May 28 j 17:31	28°♓46'15	0.63815 AU
inferior conj	-9871 May 31 j 05:40	26°♓05'22	-3°34'26
minimum elong	-9871 May 31 j 07:11	26°♓01'17	3°34'24
morning rise	-9871 Jun 06 j 13:25	20°♓44'01	
direct	-9871 Jun 09 j 08:50	20°♓03'49	
morning max el	-9871 Jun 15 j 20:44	23°♓29'23	18°06'52
asc. node	-9871 Jun 16 j 07:38	23°♓57'16	
	-9871 Jun 21 j 01:08	0°♈	
morning set	-9871 Jul 03 j 13:14	20°♈40'13	
	-9871 Jul 09 j 00:33	0°♉	
superior conj	-9871 Jul 16 j 12:50	12°♉29'17	1°26'56
minimum elong	-9871 Jul 16 j 18:51	12°♉53'54	1°26'46
max. Earth dist.	-9871 Jul 21 j 15:58	20°♉47'21	1.43882 AU
	-9871 Jul 27 j 11:20	0°♊	
evening rise	-9871 Aug 01 j 20:03	8°♊22'21	
desc. node	-9871 Aug 01 j 19:54	8°♊21'45	
	-9871 Aug 16 j 01:12	0°♋	
evening max el	-9871 Aug 28 j 21:35	16°♋58'10	20°16'54
retrograde	-9871 Sep 05 j 16:23	21°♋30'46	
evening set	-9871 Sep 09 j 08:50	20°♋12'20	
asc. node	-9871 Sep 12 j 07:47	17°♋21'41	
inferior conj	-9871 Sep 14 j 19:57	14°♋09'22	0°48'39
minimum elong	-9871 Sep 14 j 18:50	14°♋13'06	0°48'46
min. Earth dist.	-9871 Sep 15 j 15:33	13°♋03'52	0.66576 AU
morning rise	-9871 Sep 20 j 04:35	7°♋50'28	
direct	-9871 Sep 25 j 18:30	5°♋27'09	
morning max el	-9871 Oct 07 j 08:32	12°♋20'58	24°52'44
	-9871 Oct 21 j 14:54	0°♌	
desc. node	-9871 Oct 28 j 19:27	10°♌31'13	
	-9871 Nov 09 j 20:18	0°♍	
morning set	-9871 Nov 12 j 07:13	4°♍16'33	
max. Earth dist.	-9871 Nov 16 j 03:31	11°♍11'50	1.37501 AU
superior conj	-9871 Nov 22 j 14:42	23°♍26'50	-1°42'28
minimum elong	-9871 Nov 22 j 15:04	23°♍28'35	1°42'19
	-9871 Nov 25 j 22:26	0°♎	
evening rise	-9871 Nov 30 j 22:36	10°♎01'25	
asc. node	-9871 Dec 09 j 06:02	25°♎41'32	
	-9871 Dec 11 j 22:19	0°♏	
evening max el	-9871 Dec 18 j 01:11	7°♏35'22	19°20'35
retrograde	-9871 Dec 27 j 02:13	11°♏52'27	
evening set	-9871 Dec 29 j 14:32	11°♏34'05	
inferior conj	-9870 Jan 06 j 19:03	7°♏23'34	3°52'19

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9870 Jan 06 j 23:03	7°♏16'51	3°51'28	
min. Earth dist.	-9870 Jan 09 j 14:43	5°♏30'57	0.56997 AU	
morning rise	-9870 Jan 15 j 05:19	2°♏32'47		
direct	-9870 Jan 20 j 04:27	1°♏36'09		
desc. node	-9870 Jan 24 j 20:52	2°♏27'06		
morning max el	-9870 Feb 03 j 04:17	8°♏42'36	24°52'11	
	-9870 Feb 18 j 22:23	0°♐		
morning set	-9870 Mar 01 j 06:05	19°♐50'48		
	-9870 Mar 05 j 23:51	0°♑		
asc. node	-9870 Mar 07 j 04:18	2°♑34'23		
superior conj	-9870 Mar 08 j 06:07	4°♑54'20	0°10'34	
minimum elong	-9870 Mar 08 j 05:41	4°♑52'00	0°09'54	
behind sun begin	-9870 Mar 08 j 01:42	4°♑30'27		
behind sun end	-9870 Mar 08 j 09:40	5°♑13'33		
max. Earth dist.	-9870 Mar 09 j 12:48	7°♑40'09	1.33185 AU	
evening rise	-9870 Mar 15 j 14:16	20°♑24'59		
	-9870 Mar 20 j 11:16	0°♒		
	-9870 Apr 08 j 03:18	0°♓		
evening max el	-9870 Apr 16 j 18:20	9°♓53'43	27°20'33	
desc. node	-9870 Apr 22 j 20:07	14°♓46'57		
retrograde	-9870 Apr 30 j 16:55	17°♓24'09		
evening set	-9870 May 07 j 14:04	15°♓05'54		
min. Earth dist.	-9870 May 11 j 06:43	12°♓08'08	0.62044 AU	
inferior conj	-9870 May 14 j 07:43	9°♓14'42	-3°40'12	
minimum elong	-9870 May 14 j 07:35	9°♓15'03	3°40'29	
morning rise	-9870 May 21 j 02:33	4°♓12'16		
direct	-9870 May 23 j 17:59	3°♓40'48		
morning max el	-9870 May 30 j 10:38	7°♓03'47	18°01'15	
asc. node	-9870 Jun 03 j 04:28	11°♓30'00		
	-9870 Jun 14 j 08:10	0°♈		
morning set	-9870 Jun 15 j 22:18	2°♈51'15		
superior conj	-9870 Jun 27 j 04:01	22°♈40'22	1°45'38	
minimum elong	-9870 Jun 27 j 06:49	22°♈52'21	1°45'41	
	-9870 Jul 01 j 12:09	0°♉		
max. Earth dist.	-9870 Jul 04 j 02:44	4°♉18'37	1.42614 AU	
evening rise	-9870 Jul 11 j 21:34	16°♉48'16		
desc. node	-9870 Jul 19 j 17:13	28°♉52'23		
	-9870 Jul 20 j 11:05	0°♊		
	-9870 Aug 11 j 10:49	0°♋		
evening max el	-9870 Aug 11 j 19:36	0°♋22'36	21°26'41	
retrograde	-9870 Aug 20 j 12:30	5°♋30'55		
evening set	-9870 Aug 24 j 17:12	3°♋52'54		
	-9870 Aug 28 j 07:59	30°℞♊		
inferior conj	-9870 Aug 30 j 00:39	27°♊42'58	-0°03'24	
minimum elong	-9870 Aug 30 j 00:43	27°♊42'46	0°02'48	
transit middle	-9870 Aug 30 j 00:43	27°♊42'46	0°02'48	
transit begin	-9870 Aug 29 j 22:03	27°♊51'55		
transit end	-9870 Aug 30 j 03:23	27°♊33'36		
asc. node	-9870 Aug 30 j 04:51	27°♊28'33		
min. Earth dist.	-9870 Aug 30 j 09:37	27°♊12'11	0.67061 AU	
morning rise	-9870 Sep 04 j 08:05	21°♊23'44		
direct	-9870 Sep 09 j 07:26	19°♊18'54		
morning max el	-9870 Sep 19 j 18:30	25°♊35'37	23°29'25	
	-9870 Sep 23 j 18:08	0°♋		
	-9870 Oct 15 j 04:29	0°♌		
desc. node	-9870 Oct 15 j 16:14	0°♌45'38		
morning set	-9870 Oct 24 j 13:46	15°♌07'37		
max. Earth dist.	-9870 Oct 29 j 01:22	22°♌47'05	1.39489 AU	
	-9870 Nov 02 j 03:00	0°♍		
superior conj	-9870 Nov 05 j 13:02	6°♍15'49	-1°40'06	
minimum elong	-9870 Nov 05 j 11:23	6°♍08'05	1°39'43	
evening rise	-9870 Nov 14 j 17:56	23°♍49'36		
	-9870 Nov 17 j 23:20	0°♎		
asc. node	-9870 Nov 26 j 03:20	14°♎02'46		

evening max el	-9870 Dec 01 j 01:48	20°♎06'30	18°36'23	
retrograde	-9870 Dec 08 j 22:09	23°♎56'10		
evening set	-9870 Dec 11 j 10:21	23°♎34'07		
inferior conj	-9870 Dec 19 j 01:02	19°♎03'48	4°15'07	
minimum elong	-9870 Dec 19 j 01:30	19°♎02'54	4°14'58	
min. Earth dist.	-9870 Dec 22 j 06:52	16°♎34'24	0.58691 AU	
morning rise	-9870 Dec 26 j 14:48	13°♎50'06		
direct	-9869 Jan 01 j 18:24	12°♎15'57		
desc. node	-9869 Jan 11 j 17:38	16°♎05'37		
morning max el	-9869 Jan 15 j 20:42	19°♎35'29	26°15'44	
	-9869 Jan 24 j 18:08	0°♏		
	-9869 Feb 11 j 08:38	0°♐		
morning set	-9869 Feb 13 j 17:45	4°♐54'00		
superior conj	-9869 Feb 20 j 17:28	19°♐57'16	-0°13'05	
minimum elong	-9869 Feb 20 j 18:02	20°♐00'23	0°13'31	
behind sun begin	-9869 Feb 20 j 15:27	19°♐46'17		
behind sun end	-9869 Feb 20 j 20:37	20°♐14'28		
max. Earth dist.	-9869 Feb 21 j 01:41	20°♐42'09	1.32824 AU	
asc. node	-9869 Feb 22 j 01:25	22°♐51'35		
	-9869 Feb 25 j 08:50	0°♑		
evening rise	-9869 Feb 27 j 20:22	5°♑12'58		
	-9869 Mar 13 j 04:42	0°♒		
evening max el	-9869 Mar 29 j 21:51	21°♒56'40	26°44'12	
desc. node	-9869 Apr 09 j 17:23	28°♒53'49		
retrograde	-9869 Apr 13 j 00:02	29°♒21'01		
evening set	-9869 Apr 19 j 08:31	27°♒35'11		
min. Earth dist.	-9869 Apr 23 j 11:01	24°♒47'05	0.60067 AU	
inferior conj	-9869 Apr 26 j 19:24	22°♒00'41	-3°25'49	
minimum elong	-9869 Apr 26 j 17:04	22°♒05'32	3°25'59	
morning rise	-9869 May 04 j 04:00	17°♒18'41		
direct	-9869 May 06 j 15:56	16°♒54'44		
morning max el	-9869 May 13 j 22:26	20°♒27'02	18°14'36	
asc. node	-9869 May 21 j 01:18	29°♒51'25		
	-9869 May 21 j 03:26	0°♓		
morning set	-9869 May 30 j 00:32	15°♓54'30		
	-9869 Jun 06 j 14:13	0°♈		
superior conj	-9869 Jun 08 j 21:33	4°♈11'02	1°49'43	
minimum elong	-9869 Jun 08 j 21:06	4°♈09'02	1°49'42	
max. Earth dist.	-9869 Jun 16 j 08:02	17°♈11'40	1.40920 AU	
evening rise	-9869 Jun 21 j 15:21	26°♈01'34		
	-9869 Jun 24 j 02:19	0°♉		
desc. node	-9869 Jul 06 j 14:36	19°♉11'43		
	-9869 Jul 14 j 05:22	0°♊		
evening max el	-9869 Jul 25 j 11:08	13°♊44'08	22°45'29	
retrograde	-9869 Aug 04 j 06:33	19°♊33'17		
evening set	-9869 Aug 09 j 01:11	17°♊34'08		
inferior conj	-9869 Aug 14 j 06:53	11°♊19'50	-0°53'34	
minimum elong	-9869 Aug 14 j 08:00	11°♊15'58	0°52'37	
min. Earth dist.	-9869 Aug 14 j 05:24	11°♊24'56	0.67252 AU	
asc. node	-9869 Aug 17 j 01:51	7°♊38'44		
morning rise	-9869 Aug 19 j 14:45	5°♊03'46		
direct	-9869 Aug 24 j 00:29	3°♊18'18		
morning max el	-9869 Sep 02 j 07:49	8°♊52'52	22°05'43	
	-9869 Sep 18 j 13:27	0°♋		
desc. node	-9869 Oct 02 j 13:06	21°♋13'04		
morning set	-9869 Oct 04 j 17:20	24°♋40'39		
	-9869 Oct 08 j 00:20	0°♌		
max. Earth dist.	-9869 Oct 11 j 02:48	5°♌07'31	1.41438 AU	
superior conj	-9869 Oct 18 j 15:58	18°♌04'18	-1°26'46	
minimum elong	-9869 Oct 18 j 12:04	17°♌47'04	1°26'01	
	-9869 Oct 25 j 06:57	0°♍		
evening rise	-9869 Oct 29 j 02:50	7°♍04'02		
	-9869 Nov 11 j 17:43	0°♎		
asc. node	-9869 Nov 13 j 00:36	1°♎34'08		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9869 Nov 14 j 09:32	3°♎02'14	18°12'23
retrograde	-9869 Nov 21 j 11:23	6°♎37'38	
evening set	-9869 Nov 24 j 00:14	6°♎10'46	
inferior conj	-9869 Dec 01 j 02:10	1°♎18'38	4°07'11
minimum elong	-9869 Nov 30 j 23:51	1°♎23'48	4°07'01
	-9869 Dec 02 j 13:12	30°℞♍	
min. Earth dist.	-9869 Dec 04 j 04:56	28°♍32'50	0.60567 AU
morning rise	-9869 Dec 07 j 22:05	25°♍45'43	
direct	-9869 Dec 14 j 18:46	23°♍35'41	
	-9869 Dec 27 j 16:06	0°♎	
morning max el	-9869 Dec 28 j 19:09	1°♎03'16	27°12'48
desc. node	-9869 Dec 29 j 14:21	1°♎50'27	
	-9868 Jan 18 j 18:15	0°♏	
morning set	-9868 Jan 29 j 02:42	19°♏48'02	
	-9868 Feb 02 j 22:00	0°♐	
max. Earth dist.	-9868 Feb 04 j 15:13	3°♐44'03	1.32785 AU
superior conj	-9868 Feb 05 j 05:15	5°♐00'35	-0°35'48
minimum elong	-9868 Feb 05 j 06:41	5°♐08'25	0°36'01
asc. node	-9868 Feb 08 j 22:34	13°♐06'53	
evening rise	-9868 Feb 12 j 05:55	20°♐09'47	
	-9868 Feb 17 j 02:49	0°♑	
	-9868 Mar 07 j 13:58	0°♒	
evening max el	-9868 Mar 10 j 19:26	3°♒21'01	25°38'17
retrograde	-9868 Mar 24 j 21:33	10°♒34'22	
desc. node	-9868 Mar 26 j 14:34	10°♒27'17	
evening set	-9868 Mar 30 j 07:25	9°♒24'19	
min. Earth dist.	-9868 Apr 04 j 08:26	6°♒30'50	0.58116 AU
inferior conj	-9868 Apr 07 j 13:04	4°♒13'40	-2°44'12
minimum elong	-9868 Apr 07 j 09:04	4°♒20'53	2°43'51
	-9868 Apr 15 j 01:36	30°℞♑	
morning rise	-9868 Apr 15 j 13:55	29°♑51'40	
direct	-9868 Apr 17 j 22:11	29°♑34'04	
	-9868 Apr 20 j 16:38	0°♒	
morning max el	-9868 Apr 26 j 05:14	3°♒29'56	18°47'28
asc. node	-9868 May 06 j 22:10	18°♒49'43	
morning set	-9868 May 12 j 15:28	29°♒38'27	
	-9868 May 12 j 19:54	0°♓	
superior conj	-9868 May 21 j 12:21	16°♓47'24	1°42'53
minimum elong	-9868 May 21 j 10:00	16°♓36'19	1°42'33
max. Earth dist.	-9868 May 28 j 08:46	29°♓21'46	1.39038 AU
	-9868 May 28 j 17:23	0°♈	
evening rise	-9868 Jun 01 j 11:58	6°♈34'29	
	-9868 Jun 16 j 03:09	0°♉	
desc. node	-9868 Jun 22 j 12:00	9°♉13'41	
evening max el	-9868 Jul 06 j 22:09	27°♉04'45	24°07'28
	-9868 Jul 10 j 02:52	0°♊	
retrograde	-9868 Jul 17 j 21:26	3°♊34'06	
evening set	-9868 Jul 23 j 06:52	1°♊14'23	
	-9868 Jul 24 j 13:22	30°℞♉	
min. Earth dist.	-9868 Jul 28 j 00:33	25°♉40'14	0.67137 AU
inferior conj	-9868 Jul 28 j 12:51	24°♉58'22	-1°40'23
minimum elong	-9868 Jul 28 j 14:50	24°♉51'38	1°39'15
morning rise	-9868 Aug 02 j 22:45	18°♉48'45	
asc. node	-9868 Aug 02 j 22:47	18°♉48'41	
direct	-9868 Aug 06 j 20:35	17°♉21'28	
morning max el	-9868 Aug 15 j 02:49	22°♉15'11	20°48'37
	-9868 Aug 21 j 13:05	0°♊	
	-9868 Sep 10 j 21:13	0°♋	
morning set	-9868 Sep 12 j 23:46	3°♋16'15	
desc. node	-9868 Sep 18 j 10:04	11°♋48'56	
max. Earth dist.	-9868 Sep 22 j 10:17	18°♋14'52	1.43069 AU
superior conj	-9868 Sep 28 j 17:44	28°♋37'50	-1°00'08
minimum elong	-9868 Sep 28 j 12:52	28°♋17'28	0°59'04
	-9868 Sep 29 j 13:21	0°♌	
evening rise	-9868 Oct 10 j 21:12	19°♌35'01	
	-9868 Oct 16 j 19:33	0°♍	
evening max el	-9868 Oct 27 j 21:35	16°♍15'28	18°08'05
asc. node	-9868 Oct 29 j 21:51	18°♍01'22	
retrograde	-9868 Nov 03 j 14:01	19°♍47'25	
evening set	-9868 Nov 06 j 05:02	19°♍14'06	
inferior conj	-9868 Nov 12 j 19:37	14°♍01'32	3°38'52
minimum elong	-9868 Nov 12 j 16:03	14°♍10'33	3°38'23
min. Earth dist.	-9868 Nov 15 j 12:01	11°♍19'13	0.62369 AU
morning rise	-9868 Nov 19 j 02:05	8°♍12'57	
direct	-9868 Nov 26 j 04:07	5°♍37'46	
morning max el	-9868 Dec 09 j 23:48	13°♍11'13	27°35'51
desc. node	-9868 Dec 15 j 11:03	19°♍08'07	
	-9868 Dec 23 j 14:33	0°♎	
	-9867 Jan 10 j 01:44	0°♏	
morning set	-9867 Jan 12 j 06:48	4°♏25'17	
max. Earth dist.	-9867 Jan 18 j 01:32	16°♏31'54	1.33093 AU
superior conj	-9867 Jan 19 j 15:51	19°♏58'27	-0°56'50
minimum elong	-9867 Jan 19 j 17:54	20°♏09'34	0°56'54
	-9867 Jan 24 j 07:02	0°♐	
asc. node	-9867 Jan 25 j 19:45	3°♐16'05	
evening rise	-9867 Jan 26 j 17:06	5°♐08'50	
	-9867 Feb 09 j 03:36	0°♑	
evening max el	-9867 Feb 20 j 12:57	14°♑18'19	24°11'56
retrograde	-9867 Mar 06 j 07:26	21°♑09'20	
evening set	-9867 Mar 10 j 13:30	20°♑28'55	
desc. node	-9867 Mar 13 j 11:38	19°♑18'24	
min. Earth dist.	-9867 Mar 17 j 01:59	17°♑17'28	0.56508 AU
inferior conj	-9867 Mar 19 j 10:53	15°♑48'07	-1°30'12
minimum elong	-9867 Mar 19 j 07:32	15°♑53'24	1°29'47
morning rise	-9867 Mar 28 j 04:37	11°♑41'21	
direct	-9867 Mar 30 j 10:05	11°♑28'01	
morning max el	-9867 Apr 09 j 04:05	16°♑02'54	19°40'09
	-9867 Apr 19 j 07:56	0°♒	
asc. node	-9867 Apr 23 j 19:04	8°♒16'11	
morning set	-9867 Apr 26 j 15:31	13°♒54'07	
superior conj	-9867 May 04 j 18:58	0°♓14'17	1°28'36
minimum elong	-9867 May 04 j 15:59	29°♒59'38	1°27'56
	-9867 May 04 j 16:04	0°♓	
max. Earth dist.	-9867 May 10 j 10:11	11°♓05'20	1.37223 AU
evening rise	-9867 May 14 j 10:25	18°♓26'45	
	-9867 May 21 j 02:34	0°♈	
desc. node	-9867 Jun 09 j 09:24	28°♈50'45	
	-9867 Jun 10 j 06:43	0°♉	
evening max el	-9867 Jun 19 j 07:49	10°♉27'43	25°24'53
retrograde	-9867 Jul 01 j 08:16	17°♉28'59	
evening set	-9867 Jul 07 j 08:17	14°♉52'23	
min. Earth dist.	-9867 Jul 11 j 16:41	9°♉56'07	0.66694 AU
inferior conj	-9867 Jul 12 j 16:49	8°♉37'07	-2°22'19
minimum elong	-9867 Jul 12 j 19:20	8°♉28'52	2°21'15
morning rise	-9867 Jul 18 j 06:23	2°♉37'09	
asc. node	-9867 Jul 20 j 19:42	1°♉31'02	
direct	-9867 Jul 21 j 18:25	1°♉25'55	
morning max el	-9867 Jul 29 j 04:23	5°♉44'00	19°43'04
	-9867 Aug 15 j 13:14	0°♊	
morning set	-9867 Aug 23 j 02:45	11°♊44'49	
	-9867 Sep 03 j 17:32	0°♋	
max. Earth dist.	-9867 Sep 04 j 23:12	1°♋57'50	1.44176 AU
desc. node	-9867 Sep 05 j 07:05	2°♋29'09	
superior conj	-9867 Sep 08 j 15:43	7°♋51'27	-0°20'21
minimum elong	-9867 Sep 08 j 13:26	7°♋42'19	0°19'29
	-9867 Sep 22 j 03:13	0°♌	
evening rise	-9867 Sep 22 j 19:44	1°♌09'18	
evening max el	-9867 Oct 11 j 11:00	29°♌38'38	18°22'28

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9867 Oct 11 j 19:32	0°♍	
asc. node	-9867 Oct 16 j 19:04	3°♍07'30	
retrograde	-9867 Oct 18 j 01:47	3°♍16'18	
evening set	-9867 Oct 20 j 21:04	2°♍34'10	
	-9867 Oct 24 j 07:26	30°℞♌	
inferior conj	-9867 Oct 27 j 01:48	27°♌03'34	2°58'04
minimum elong	-9867 Oct 26 j 22:13	27°♌13'38	2°57'26
min. Earth dist.	-9867 Oct 29 j 05:05	24°♌39'45	0.63943 AU
morning rise	-9867 Nov 01 j 22:42	21°♌02'30	
direct	-9867 Nov 08 j 20:47	18°♌16'32	
morning max el	-9867 Nov 22 j 08:16	25°♌51'04	27°24'14
	-9867 Nov 26 j 06:06	0°♍	
desc. node	-9867 Dec 02 j 07:45	7°♍30'54	
	-9867 Dec 17 j 01:20	0°♎	
morning set	-9867 Dec 27 j 03:20	18°♎35'22	
max. Earth dist.	-9866 Jan 01 j 04:52	28°♎52'44	1.33787 AU
	-9866 Jan 01 j 17:44	0°♏	
superior conj	-9866 Jan 03 j 23:24	4°♏43'17	-1°15'20
minimum elong	-9866 Jan 04 j 01:43	4°♏55'36	1°15'18
evening rise	-9866 Jan 11 j 04:11	20°♏02'59	
asc. node	-9866 Jan 12 j 16:58	23°♏13'38	
	-9866 Jan 16 j 02:27	0°♐	
evening max el	-9866 Feb 02 j 07:01	25°♐09'55	22°38'06
	-9866 Feb 09 j 03:53	0°♑	
retrograde	-9866 Feb 15 j 04:42	1°♑22'52	
evening set	-9866 Feb 18 j 11:10	0°♑59'31	
	-9866 Feb 21 j 11:47	30°℞♐	
min. Earth dist.	-9866 Feb 26 j 17:29	27°♐18'29	0.55558 AU
inferior conj	-9866 Feb 27 j 15:29	26°♐46'48	0°11'15
minimum elong	-9866 Feb 27 j 15:57	26°♐46'07	0°10'32
transit middle	-9866 Feb 27 j 15:57	26°♐46'07	0°10'32
transit begin	-9866 Feb 27 j 12:54	26°♐50'30	
transit end	-9866 Feb 27 j 18:59	26°♐41'44	
desc. node	-9866 Feb 28 j 08:39	26°♐22'06	
morning rise	-9866 Mar 08 j 22:03	22°♐44'33	
direct	-9866 Mar 11 j 06:33	22°♐31'31	
morning max el	-9866 Mar 22 j 16:26	27°♐56'46	20°52'09
	-9866 Mar 24 j 16:37	0°♑	
morning set	-9866 Apr 10 j 21:51	28°♑33'07	
asc. node	-9866 Apr 10 j 16:00	28°♑03'12	
	-9866 Apr 11 j 14:47	0°♒	
superior conj	-9866 Apr 18 j 12:54	14°♒18'32	1°09'31
minimum elong	-9866 Apr 18 j 10:10	14°♒04'33	1°08'40
max. Earth dist.	-9866 Apr 22 j 19:03	22°♒52'20	1.35654 AU
	-9866 Apr 26 j 11:33	0°♓	
evening rise	-9866 Apr 27 j 05:09	1°♓22'54	
	-9866 May 14 j 03:21	0°♈	
desc. node	-9866 May 27 j 06:46	17°♈52'43	
evening max el	-9866 Jun 01 j 18:20	23°♈51'44	26°29'06
	-9866 Jun 09 j 20:18	0°♉	
retrograde	-9866 Jun 14 j 14:20	1°♉12'43	
	-9866 Jun 18 j 22:52	30°℞♈	
evening set	-9866 Jun 21 j 03:11	28°♈26'12	
min. Earth dist.	-9866 Jun 25 j 03:31	24°♈09'10	0.65887 AU
inferior conj	-9866 Jun 26 j 16:50	22°♈14'12	-2°57'41
minimum elong	-9866 Jun 26 j 19:27	22°♈06'07	2°56'55
morning rise	-9866 Jul 02 j 11:52	16°♈27'00	
direct	-9866 Jul 05 j 16:09	15°♈29'23	
asc. node	-9866 Jul 07 j 16:36	15°♈51'48	
morning max el	-9866 Jul 12 j 12:00	19°♈19'37	18°52'23
	-9866 Jul 20 j 14:59	0°♉	
morning set	-9866 Aug 02 j 22:07	21°♉01'23	
	-9866 Aug 08 j 12:58	0°♊	
superior conj	-9866 Aug 18 j 17:53	16°♊10'34	0°26'34
minimum elong	-9866 Aug 18 j 21:13	16°♊23'45	0°26'41
max. Earth dist.	-9866 Aug 18 j 15:51	16°♊02'34	1.44622 AU
desc. node	-9866 Aug 23 j 04:11	23°♊11'00	
	-9866 Aug 27 j 11:17	0°♋	
evening rise	-9866 Sep 03 j 17:18	11°♋35'14	
	-9866 Sep 15 j 06:37	0°♌	
evening max el	-9866 Sep 24 j 23:00	13°♌06'48	18°54'21
retrograde	-9866 Oct 01 j 19:14	16°♌58'48	
asc. node	-9866 Oct 03 j 16:16	16°♌38'42	
evening set	-9866 Oct 04 j 21:01	16°♌04'57	
inferior conj	-9866 Oct 10 j 17:31	10°♌19'12	2°10'12
minimum elong	-9866 Oct 10 j 14:39	10°♌27'58	2°09'40
min. Earth dist.	-9866 Oct 12 j 07:36	8°♌22'55	0.65215 AU
morning rise	-9866 Oct 16 j 07:53	4°♌08'40	
direct	-9866 Oct 22 j 19:44	1°♌24'58	
morning max el	-9866 Nov 04 j 18:13	8°♌52'24	26°42'15
desc. node	-9866 Nov 19 j 04:27	26°♌39'52	
	-9866 Nov 21 j 11:35	0°♍	
	-9866 Dec 09 j 09:53	0°♎	
morning set	-9866 Dec 10 j 12:52	2°♎07'23	
max. Earth dist.	-9866 Dec 14 j 22:12	10°♎40'59	1.34909 AU
superior conj	-9866 Dec 19 j 01:46	19°♎07'59	-1°30'10
minimum elong	-9866 Dec 19 j 03:51	19°♎18'46	1°30'07
	-9866 Dec 24 j 06:29	0°♏	
evening rise	-9866 Dec 26 j 13:30	4°♏46'35	
asc. node	-9866 Dec 30 j 14:14	12°♏54'08	
	-9865 Jan 09 j 18:56	0°♐	
evening max el	-9865 Jan 15 j 06:56	6°♐18'32	21°09'26
retrograde	-9865 Jan 26 j 18:46	11°♐43'47	
evening set	-9865 Jan 29 j 12:21	11°♐26'32	
inferior conj	-9865 Feb 07 j 12:22	7°♐27'29	1°58'14
minimum elong	-9865 Feb 07 j 17:07	7°♐20'41	1°56'19
min. Earth dist.	-9865 Feb 08 j 07:35	6°♐59'58	0.55466 AU
desc. node	-9865 Feb 15 j 05:38	3°♐41'24	
morning rise	-9865 Feb 16 j 21:06	3°♐14'45	
direct	-9865 Feb 19 j 20:57	2°♐55'00	
morning max el	-9865 Mar 04 j 17:38	9°♐10'00	22°20'29
	-9865 Mar 19 j 12:00	0°♑	
morning set	-9865 Mar 26 j 08:06	13°♑27'51	
asc. node	-9865 Mar 28 j 12:57	18°♑04'47	
superior conj	-9865 Apr 02 j 14:43	28°♑49'26	0°47'37
minimum elong	-9865 Apr 02 j 12:44	28°♑38'55	0°46'44
	-9865 Apr 03 j 04:09	0°♒	
max. Earth dist.	-9865 Apr 05 j 14:15	5°♒02'08	1.34421 AU
evening rise	-9865 Apr 10 j 14:38	15°♒06'01	
	-9865 Apr 18 j 16:17	0°♓	
	-9865 May 08 j 18:39	0°♈	
desc. node	-9865 May 14 j 04:11	6°♈04'22	
evening max el	-9865 May 15 j 05:23	7°♈07'17	27°11'51
retrograde	-9865 May 28 j 15:02	14°♈37'21	
evening set	-9865 Jun 04 j 12:48	11°♈51'16	
min. Earth dist.	-9865 Jun 08 j 06:50	8°♈11'31	0.64688 AU
inferior conj	-9865 Jun 10 j 10:35	5°♈44'57	-3°24'16
minimum elong	-9865 Jun 10 j 12:43	5°♈38'54	3°23'59
morning rise	-9865 Jun 16 j 13:04	0°♈13'30	
	-9865 Jun 17 j 00:21	30°℞♓	
direct	-9865 Jun 19 j 11:23	29°♓27'23	
	-9865 Jun 21 j 22:52	0°♈	
asc. node	-9865 Jun 24 j 13:27	1°♈39'33	
morning max el	-9865 Jun 25 j 23:56	2°♈58'47	18°18'25
	-9865 Jul 13 j 21:29	0°♉	
morning set	-9865 Jul 14 j 18:41	1°♉28'37	
superior conj	-9865 Jul 28 j 20:48	24°♉33'58	1°08'47
minimum elong	-9865 Jul 29 j 03:21	25°♉00'13	1°08'33

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9865 Aug 01 j 06:29	0°♊	
max. Earth dist.	-9865 Aug 01 j 08:52	0°♊09'27	1.44354 AU
desc. node	-9865 Aug 10 j 01:22	13°♊51'04	
evening rise	-9865 Aug 14 j 12:22	20°♊49'01	
	-9865 Aug 20 j 10:12	0°♋	
greatest brilliancy	-9865 Aug 26 j 03:59	8°♋48'31	-0.7m
evening max el	-9865 Sep 08 j 06:55	26°♋35'00	19°42'29
	-9865 Sep 12 j 13:40	0°♌	
retrograde	-9865 Sep 15 j 15:31	0°♌50'17	
	-9865 Sep 18 j 14:06	30°℞♋	
evening set	-9865 Sep 19 j 02:01	29°♋41'33	
asc. node	-9865 Sep 20 j 13:27	28°♋30'51	
inferior conj	-9865 Sep 24 j 16:01	23°♋43'46	1°18'47
minimum elong	-9865 Sep 24 j 14:14	23°♋49'36	1°18'38
min. Earth dist.	-9865 Sep 25 j 17:58	22°♋19'21	0.66168 AU
morning rise	-9865 Sep 30 j 02:11	17°♋26'59	
direct	-9865 Oct 06 j 00:24	14°♋54'46	
morning max el	-9865 Oct 18 j 04:01	22°♋04'13	25°37'13
	-9865 Oct 25 j 04:06	0°♌	
desc. node	-9865 Nov 06 j 01:11	16°♌21'12	
	-9865 Nov 14 j 17:42	0°♍	
morning set	-9865 Nov 23 j 06:55	14°♍48'11	
max. Earth dist.	-9865 Nov 27 j 04:48	22°♍03'49	1.36450 AU
	-9865 Dec 01 j 07:12	0°♎	
superior conj	-9865 Dec 02 j 20:13	3°♎03'50	-1°39'54
minimum elong	-9865 Dec 02 j 21:25	3°♎09'51	1°39'49
evening rise	-9865 Dec 10 j 19:12	19°♎13'41	
	-9865 Dec 16 j 07:01	0°♏	
asc. node	-9865 Dec 17 j 11:31	2°♏10'55	
evening max el	-9865 Dec 28 j 16:11	17°♏58'13	19°55'03
retrograde	-9864 Jan 07 j 13:49	22°♏37'54	
evening set	-9864 Jan 10 j 02:48	22°♏20'51	
inferior conj	-9864 Jan 18 j 15:08	18°♏17'53	3°21'46
minimum elong	-9864 Jan 18 j 20:34	18°♏09'25	3°20'15
min. Earth dist.	-9864 Jan 20 j 21:08	16°♏54'07	0.56226 AU
morning rise	-9864 Jan 27 j 12:20	13°♏42'01	
direct	-9864 Jan 31 j 16:21	13°♏03'25	
desc. node	-9864 Feb 02 j 02:32	13°♏08'02	
morning max el	-9864 Feb 14 j 10:43	19°♏55'47	23°57'32
	-9864 Feb 22 j 21:34	0°♐	
morning set	-9864 Mar 09 j 20:21	28°♐31'47	
	-9864 Mar 10 j 13:08	0°♑	
asc. node	-9864 Mar 14 j 09:57	8°♑16'18	
superior conj	-9864 Mar 16 j 21:54	13°♑39'07	0°24'16
minimum elong	-9864 Mar 16 j 20:52	13°♑33'36	0°23'29
max. Earth dist.	-9864 Mar 18 j 18:40	17°♑38'33	1.33535 AU
evening rise	-9864 Mar 24 j 10:37	29°♑23'02	
	-9864 Mar 24 j 18:00	0°♒	
	-9864 Apr 10 j 19:08	0°♓	
evening max el	-9864 Apr 26 j 15:10	20°♓02'45	27°26'25
desc. node	-9864 Apr 30 j 01:32	23°♓04'50	
retrograde	-9864 May 10 j 09:54	27°♓34'50	
evening set	-9864 May 17 j 09:58	25°♓02'11	
min. Earth dist.	-9864 May 21 j 01:10	21°♓52'44	0.63106 AU
inferior conj	-9864 May 23 j 19:18	19°♓04'20	-3°38'56
minimum elong	-9864 May 23 j 20:12	19°♓02'01	3°39'04
morning rise	-9864 May 30 j 07:29	13°♓51'03	
direct	-9864 Jun 02 j 01:11	13°♓14'41	
morning max el	-9864 Jun 08 j 13:57	16°♓37'25	18°02'13
asc. node	-9864 Jun 10 j 10:17	18°♓38'47	
	-9864 Jun 18 j 02:14	0°♈	
morning set	-9864 Jun 25 j 15:41	13°♈04'49	
	-9864 Jul 05 j 11:15	0°♉	
superior conj	-9864 Jul 07 j 20:27	3°♉59'33	1°36'50
minimum elong	-9864 Jul 08 j 01:18	4°♉19'42	1°36'48
max. Earth dist.	-9864 Jul 13 j 22:38	13°♉58'39	1.43411 AU
evening rise	-9864 Jul 23 j 14:23	29°♉16'02	
	-9864 Jul 24 j 01:42	0°♊	
desc. node	-9864 Jul 26 j 22:39	4°♊26'19	
	-9864 Aug 13 j 05:42	0°♋	
evening max el	-9864 Aug 21 j 08:46	10°♋00'53	20°45'07
retrograde	-9864 Aug 29 j 12:19	14°♋48'07	
evening set	-9864 Sep 02 j 09:45	13°♋21'31	
asc. node	-9864 Sep 06 j 10:33	9°♋03'39	
inferior conj	-9864 Sep 07 j 19:04	7°♋14'56	0°26'24
minimum elong	-9864 Sep 07 j 18:27	7°♋17'00	0°26'44
min. Earth dist.	-9864 Sep 08 j 10:00	6°♋24'17	0.66817 AU
morning rise	-9864 Sep 13 j 02:58	0°♋55'22	
	-9864 Sep 14 j 07:52	30°℞♊	
direct	-9864 Sep 18 j 10:29	28°♊39'56	
	-9864 Sep 22 j 23:23	0°♋	
morning max el	-9864 Sep 29 j 13:38	5°♋19'20	24°17'51
	-9864 Oct 18 j 15:41	0°♌	
desc. node	-9864 Oct 22 j 21:57	6°♌25'35	
morning set	-9864 Nov 04 j 04:00	26°♌23'16	
	-9864 Nov 06 j 05:45	0°♍	
max. Earth dist.	-9864 Nov 08 j 03:52	3°♍24'55	1.38327 AU
superior conj	-9864 Nov 15 j 03:11	16°♍20'30	-1°42'38
minimum elong	-9864 Nov 15 j 02:45	16°♍18'28	1°42'25
	-9864 Nov 22 j 03:00	0°♎	
evening rise	-9864 Nov 23 j 19:05	3°♎17'53	
asc. node	-9864 Dec 03 j 08:50	20°♎55'24	
	-9864 Dec 10 j 06:46	0°♏	
evening max el	-9864 Dec 10 j 11:32	0°♏11'33	18°59'20
retrograde	-9864 Dec 18 j 23:28	4°♏15'47	
evening set	-9864 Dec 21 j 11:27	3°♏56'09	
	-9864 Dec 28 j 21:27	30°℞♎	
inferior conj	-9864 Dec 29 j 09:59	29°♎37'48	4°06'28
minimum elong	-9864 Dec 29 j 12:31	29°♎33'17	4°06'00
min. Earth dist.	-9863 Jan 01 j 11:51	27°♎27'09	0.57662 AU
morning rise	-9863 Jan 06 j 11:24	24°♎36'26	
direct	-9863 Jan 11 j 23:26	23°♎24'35	
desc. node	-9863 Jan 18 j 23:20	25°♎18'20	
	-9863 Jan 25 j 09:19	0°♏	
morning max el	-9863 Jan 26 j 01:42	0°♏38'29	25°30'19
	-9863 Feb 15 j 12:35	0°♐	
morning set	-9863 Feb 22 j 08:43	13°♐37'03	
superior conj	-9863 Mar 01 j 08:14	28°♐39'05	0°00'30
minimum elong	-9863 Mar 01 j 08:14	28°♐39'06	0°00'05
behind sun begin	-9863 Mar 01 j 03:16	28°♐12'05	
behind sun end	-9863 Mar 01 j 13:12	29°♐06'07	
asc. node	-9863 Mar 01 j 07:01	28°♐32'31	
	-9863 Mar 01 j 23:07	0°♑	
max. Earth dist.	-9863 Mar 02 j 05:18	0°♑33'35	1.32985 AU
evening rise	-9863 Mar 08 j 13:44	14°♑02'04	
	-9863 Mar 16 j 20:23	0°♒	
	-9863 Apr 06 j 11:52	0°♓	
evening max el	-9863 Apr 08 j 21:23	2°♓26'29	27°08'57
desc. node	-9863 Apr 16 j 22:50	8°♓24'48	
retrograde	-9863 Apr 22 j 22:02	9°♓55'39	
evening set	-9863 Apr 29 j 15:06	7°♓49'51	
min. Earth dist.	-9863 May 03 j 10:24	4°♓58'10	0.61220 AU
inferior conj	-9863 May 06 j 15:41	2°♓04'41	-3°37'00
minimum elong	-9863 May 06 j 14:38	2°♓07'02	3°37'17
	-9863 May 09 j 01:11	30°℞♒	
morning rise	-9863 May 13 j 16:05	27°♒11'08	
direct	-9863 May 16 j 05:54	26°♒43'08	
	-9863 May 22 j 23:48	0°♓	
morning max el	-9863 May 23 j 03:22	0°♓08'32	18°04'33

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9863 May 28 j 07:06	6°♓33'48	
morning set	-9863 Jun 08 j 08:37	25°♓39'13	
	-9863 Jun 10 j 17:36	0°♈	
superior conj	-9863 Jun 18 j 23:20	14°♈46'00	1°48'57
minimum elong	-9863 Jun 19 j 00:38	14°♈51'39	1°49'00
max. Earth dist.	-9863 Jun 26 j 06:37	27°♈12'59	1.41932 AU
	-9863 Jun 27 j 23:02	0°♉	
evening rise	-9863 Jul 02 j 20:31	7°♉55'16	
desc. node	-9863 Jul 13 j 20:00	24°♉52'45	
	-9863 Jul 17 j 06:57	0°♊	
evening max el	-9863 Aug 04 j 03:47	23°♊23'42	21°59'24
retrograde	-9863 Aug 13 j 07:51	28°♊49'39	
evening set	-9863 Aug 17 j 18:11	27°♊02'53	
inferior conj	-9863 Aug 23 j 00:39	20°♊50'37	-0°25'01
minimum elong	-9863 Aug 23 j 01:11	20°♊48'46	0°24'15
min. Earth dist.	-9863 Aug 23 j 05:12	20°♊34'51	0.67174 AU
asc. node	-9863 Aug 24 j 07:35	19°♊04'38	
morning rise	-9863 Aug 28 j 08:02	14°♊32'02	
direct	-9863 Sep 02 j 01:22	12°♊35'26	
morning max el	-9863 Sep 12 j 00:43	18°♊35'12	22°53'20
	-9863 Sep 21 j 11:53	0°♋	
desc. node	-9863 Oct 09 j 18:47	26°♋46'22	
	-9863 Oct 11 j 19:48	0°♌	
morning set	-9863 Oct 15 j 23:09	6°♌41'13	
max. Earth dist.	-9863 Oct 21 j 02:08	15°♌15'45	1.40332 AU
superior conj	-9863 Oct 28 j 18:00	28°♌45'43	-1°35'56
minimum elong	-9863 Oct 28 j 15:21	28°♌33'41	1°35'26
	-9863 Oct 29 j 10:18	0°♍	
evening rise	-9863 Nov 07 j 10:27	16°♍52'47	
	-9863 Nov 14 j 12:56	0°♎	
asc. node	-9863 Nov 20 j 06:08	8°♎57'14	
evening max el	-9863 Nov 23 j 15:34	12°♎54'23	18°23'47
retrograde	-9863 Dec 01 j 02:54	16°♎36'21	
evening set	-9863 Dec 03 j 15:11	16°♎12'29	
inferior conj	-9863 Dec 11 j 00:19	11°♎33'18	4°14'51
minimum elong	-9863 Dec 10 j 23:26	11°♎35'09	4°14'47
min. Earth dist.	-9863 Dec 14 j 06:20	8°♎53'58	0.59480 AU
morning rise	-9863 Dec 18 j 05:58	6°♎10'53	
direct	-9863 Dec 24 j 18:28	4°♎20'12	
desc. node	-9862 Jan 05 j 20:06	9°♎54'33	
morning max el	-9862 Jan 07 j 20:20	11°♎44'17	26°43'48
	-9862 Jan 22 j 04:16	0°♏	
morning set	-9862 Feb 06 j 19:26	28°♏36'45	
	-9862 Feb 07 j 11:21	0°♐	
superior conj	-9862 Feb 13 j 19:57	13°♐42'46	-0°22'51
minimum elong	-9862 Feb 13 j 20:55	13°♐48'00	0°23'12
max. Earth dist.	-9862 Feb 13 j 18:40	13°♐35'43	1.32763 AU
asc. node	-9862 Feb 16 j 04:08	18°♐49'11	
evening rise	-9862 Feb 20 j 21:31	28°♐54'22	
	-9862 Feb 21 j 10:10	0°♑	
	-9862 Mar 10 j 07:22	0°♒	
evening max el	-9862 Mar 21 j 22:23	14°♒12'32	26°19'27
desc. node	-9862 Apr 03 j 20:03	21°♒29'37	
retrograde	-9862 Apr 05 j 01:34	21°♒33'25	
evening set	-9862 Apr 11 j 01:14	20°♒03'10	
min. Earth dist.	-9862 Apr 15 j 11:44	17°♒14'10	0.59215 AU
inferior conj	-9862 Apr 18 j 20:04	14°♒37'33	-3°11'58
minimum elong	-9862 Apr 18 j 16:53	14°♒43'49	3°11'55
morning rise	-9862 Apr 26 j 11:19	10°♒04'05	
direct	-9862 Apr 28 j 21:33	9°♒43'07	
morning max el	-9862 May 06 j 13:22	13°♒24'00	18°26'04
asc. node	-9862 May 15 j 03:56	25°♒11'57	
	-9862 May 17 j 21:14	0°♓	
morning set	-9862 May 22 j 16:44	9°♓00'46	

superior conj	-9862 Jun 01 j 02:33	26°♓46'01	1°47'56
minimum elong	-9862 Jun 01 j 01:07	26°♓39'27	1°47'47
	-9862 Jun 02 j 21:02	0°♈	
max. Earth dist.	-9862 Jun 08 j 09:10	9°♈45'25	1.40131 AU
evening rise	-9862 Jun 13 j 01:16	17°♈40'55	
	-9862 Jun 20 j 16:33	0°♉	
desc. node	-9862 Jun 30 j 17:22	15°♉05'13	
	-9862 Jul 11 j 18:14	0°♊	
evening max el	-9862 Jul 17 j 17:07	6°♊44'38	23°20'29
retrograde	-9862 Jul 28 j 00:35	12°♊51'20	
evening set	-9862 Aug 02 j 01:23	10°♊43'30	
inferior conj	-9862 Aug 07 j 06:58	4°♊28'18	-1°13'57
minimum elong	-9862 Aug 07 j 08:29	4°♊23'05	1°12'52
min. Earth dist.	-9862 Aug 07 j 01:04	4°♊48'37	0.67242 AU
	-9862 Aug 10 j 18:52	30°℞♉	
asc. node	-9862 Aug 11 j 04:32	29°♉34'12	
morning rise	-9862 Aug 12 j 15:28	28°♉14'22	
direct	-9862 Aug 16 j 19:59	26°♉36'38	
	-9862 Aug 23 j 16:41	0°♊	
morning max el	-9862 Aug 25 j 16:02	1°♊53'21	21°31'40
	-9862 Sep 15 j 10:46	0°♋	
morning set	-9862 Sep 25 j 16:07	15°♋44'25	
desc. node	-9862 Sep 26 j 15:40	17°♋17'35	
max. Earth dist.	-9862 Oct 03 j 05:42	27°♋55'26	1.42188 AU
	-9862 Oct 04 j 11:53	0°♌	
superior conj	-9862 Oct 10 j 10:50	10°♌03'47	-1°17'11
minimum elong	-9862 Oct 10 j 06:14	9°♌43'56	1°16'16
evening rise	-9862 Oct 21 j 13:39	29°♌49'20	
	-9862 Oct 21 j 16:00	0°♍	
evening max el	-9862 Nov 07 j 01:32	25°♍58'22	18°08'14
asc. node	-9862 Nov 07 j 03:24	26°♍03'01	
retrograde	-9862 Nov 13 j 22:08	29°♍30'39	
evening set	-9862 Nov 16 j 11:50	29°♍01'08	
inferior conj	-9862 Nov 23 j 08:45	24°♍00'09	3°57'05
minimum elong	-9862 Nov 23 j 05:44	24°♍07'17	3°56'47
min. Earth dist.	-9862 Nov 26 j 07:46	21°♍13'42	0.61362 AU
morning rise	-9862 Nov 29 j 22:28	18°♍20'31	
direct	-9862 Dec 06 j 23:00	15°♍57'58	
morning max el	-9862 Dec 20 j 21:16	23°♍27'47	27°26'54
desc. node	-9862 Dec 23 j 16:48	26°♍21'54	
	-9862 Dec 26 j 20:10	0°♎	
	-9861 Jan 15 j 06:14	0°♏	
morning set	-9861 Jan 22 j 02:34	13°♏23'47	
max. Earth dist.	-9861 Jan 28 j 07:13	26°♏32'25	1.32872 AU
superior conj	-9861 Jan 29 j 07:25	28°♏43'57	-0°44'59
minimum elong	-9861 Jan 29 j 09:09	28°♏53'23	0°45'08
	-9861 Jan 29 j 21:23	0°♐	
asc. node	-9861 Feb 03 j 01:18	9°♐02'06	
evening rise	-9861 Feb 05 j 07:58	13°♐52'33	
	-9861 Feb 13 j 13:13	0°♑	
evening max el	-9861 Mar 03 j 18:05	25°♑23'45	25°03'28
	-9861 Mar 09 j 15:55	0°♒	
retrograde	-9861 Mar 17 j 18:05	2°♒28'32	
desc. node	-9861 Mar 21 j 17:10	1°♒52'05	
evening set	-9861 Mar 22 j 16:15	1°♒32'37	
	-9861 Mar 25 j 22:28	30°℞♑	
min. Earth dist.	-9861 Mar 28 j 07:13	28°♑32'56	0.57369 AU
inferior conj	-9861 Mar 31 j 05:22	26°♑34'36	-2°16'51
minimum elong	-9861 Mar 31 j 01:15	26°♑41'36	2°16'22
morning rise	-9861 Apr 08 j 13:26	22°♑19'37	
direct	-9861 Apr 10 j 20:23	22°♑04'03	
morning max el	-9861 Apr 19 j 17:02	26°♑14'51	19°07'26
	-9861 Apr 23 j 02:10	0°♒	
asc. node	-9861 May 02 j 00:48	14°♒23'13	
morning set	-9861 May 06 j 12:00	22°♒59'47	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9861 May 10 j 00:59	0°♓	
superior conj	-9861 May 15 j 00:43	9°♓45'43	1°37'34
minimum elong	-9861 May 14 j 21:58	9°♓32'30	1°37'05
max. Earth dist.	-9861 May 21 j 09:57	21°♓43'38	1.38249 AU
evening rise	-9861 May 25 j 09:30	28°♓49'31	
	-9861 May 26 j 01:42	0°♈	
	-9861 Jun 14 j 01:31	0°♉	
desc. node	-9861 Jun 17 j 14:46	4°♉57'49	
evening max el	-9861 Jun 30 j 03:27	20°♉07'14	24°41'26
retrograde	-9861 Jul 11 j 13:41	26°♉50'35	
evening set	-9861 Jul 17 j 05:31	24°♉23'08	
min. Earth dist.	-9861 Jul 21 j 19:10	19°♉04'55	0.67000 AU
inferior conj	-9861 Jul 22 j 12:19	18°♉07'25	-1°58'50
minimum elong	-9861 Jul 22 j 14:34	17°♉59'51	1°57'42
morning rise	-9861 Jul 27 j 23:35	12°♉01'35	
asc. node	-9861 Jul 29 j 01:28	11°♉21'39	
direct	-9861 Jul 31 j 17:06	10°♉41'15	
morning max el	-9861 Aug 08 j 13:47	15°♉18'24	20°19'03
	-9861 Aug 19 j 20:23	0°♊	
morning set	-9861 Sep 04 j 18:26	24°♊09'39	
	-9861 Sep 08 j 12:14	0°♋	
desc. node	-9861 Sep 13 j 12:39	7°♋55'33	
max. Earth dist.	-9861 Sep 15 j 16:16	11°♋21'51	1.43627 AU
superior conj	-9861 Sep 21 j 00:40	20°♋02'35	-0°44'41
minimum elong	-9861 Sep 20 j 20:22	19°♋44'58	0°43'36
	-9861 Sep 27 j 00:20	0°♌	
evening rise	-9861 Oct 04 j 00:14	11°♌57'37	
	-9861 Oct 14 j 16:21	0°♍	
evening max el	-9861 Oct 21 j 14:31	9°♍16'11	18°11'56
asc. node	-9861 Oct 25 j 00:39	11°♍57'31	
retrograde	-9861 Oct 28 j 05:12	12°♍49'22	
evening set	-9861 Oct 30 j 21:52	12°♍12'28	
inferior conj	-9861 Nov 06 j 08:02	6°♍51'32	3°22'41
minimum elong	-9861 Nov 06 j 04:20	7°♍01'20	3°22'06
min. Earth dist.	-9861 Nov 08 j 18:50	4°♍16'00	0.63080 AU
morning rise	-9861 Nov 12 j 10:01	0°♍57'23	
	-9861 Nov 13 j 19:19	30°℞♌	
direct	-9861 Nov 19 j 11:18	28°♌16'14	
	-9861 Nov 25 j 14:12	0°♍	
morning max el	-9861 Dec 03 j 03:51	5°♍50'00	27°35'00
desc. node	-9861 Dec 10 j 13:30	14°♍09'30	
	-9861 Dec 21 j 15:53	0°♎	
morning set	-9860 Jan 06 j 03:46	27°♎50'00	
	-9860 Jan 07 j 05:30	0°♏	
max. Earth dist.	-9860 Jan 11 j 15:11	9°♏10'22	1.33342 AU
superior conj	-9860 Jan 13 j 16:56	13°♏36'22	-1°05'04
minimum elong	-9860 Jan 13 j 19:09	13°♏48'18	1°05'05
evening rise	-9860 Jan 20 j 19:19	28°♏49'54	
asc. node	-9860 Jan 20 j 22:31	29°♏06'38	
	-9860 Jan 21 j 08:43	0°♐	
	-9860 Feb 07 j 20:15	0°♑	
evening max el	-9860 Feb 13 j 11:05	6°♑14'40	23°32'05
retrograde	-9860 Feb 26 j 22:06	12°♑51'13	
evening set	-9860 Mar 01 j 17:22	12°♑19'25	
desc. node	-9860 Mar 07 j 14:14	9°♑45'15	
min. Earth dist.	-9860 Mar 08 j 23:21	8°♑57'16	0.56005 AU
inferior conj	-9860 Mar 10 j 19:04	7°♑51'45	-0°49'35
minimum elong	-9860 Mar 10 j 17:01	7°♑54'50	0°49'31
morning rise	-9860 Mar 19 j 19:10	3°♑48'57	
direct	-9860 Mar 22 j 01:00	3°♑36'17	
morning max el	-9860 Apr 01 j 11:35	8°♑31'10	20°08'40
	-9860 Apr 15 j 20:54	0°♒	
asc. node	-9860 Apr 17 j 21:41	3°♒58'49	
morning set	-9860 Apr 19 j 15:03	7°♒26'12	
superior conj	-9860 Apr 27 j 12:38	23°♒29'46	1°20'58
minimum elong	-9860 Apr 27 j 09:41	23°♒14'58	1°20'12
	-9860 Apr 30 j 19:30	0°♓	
max. Earth dist.	-9860 May 02 j 14:11	3°♓26'17	1.36513 AU
evening rise	-9860 May 06 j 17:15	11°♓10'26	
	-9860 May 17 j 15:58	0°♈	
desc. node	-9860 Jun 03 j 12:10	24°♈21'23	
	-9860 Jun 08 j 05:31	0°♉	
evening max el	-9860 Jun 11 j 13:15	3°♉30'48	25°54'12
retrograde	-9860 Jun 23 j 22:29	10°♉41'45	
evening set	-9860 Jun 30 j 04:28	7°♉59'35	
min. Earth dist.	-9860 Jul 04 j 09:13	3°♉20'19	0.66404 AU
inferior conj	-9860 Jul 05 j 14:51	1°♉45'32	-2°38'12
minimum elong	-9860 Jul 05 j 17:29	1°♉37'08	2°37'15
	-9860 Jul 07 j 00:24	30°℞♈	
morning rise	-9860 Jul 11 j 06:34	25°♈50'55	
direct	-9860 Jul 14 j 15:03	24°♈45'49	
asc. node	-9860 Jul 14 j 22:22	24°♈46'21	
morning max el	-9860 Jul 21 j 18:12	28°♈50'43	19°19'36
	-9860 Jul 22 j 19:58	0°♉	
	-9860 Aug 12 j 06:20	0°♊	
morning set	-9860 Aug 14 j 02:35	2°♊54'07	
max. Earth dist.	-9860 Aug 28 j 07:30	25°♊17'32	1.44456 AU
desc. node	-9860 Aug 30 j 09:44	28°♊36'49	
superior conj	-9860 Aug 30 j 12:24	28°♊47'26	-0°00'41
minimum elong	-9860 Aug 30 j 12:23	28°♊47'21	0°00'06
behind sun begin	-9860 Aug 30 j 01:15	28°♊03'10	
behind sun end	-9860 Aug 30 j 23:30	29°♊31'35	
	-9860 Aug 31 j 06:38	0°♋	
evening rise	-9860 Sep 14 j 12:47	23°♋04'45	
	-9860 Sep 18 j 17:36	0°♌	
evening max el	-9860 Oct 04 j 03:37	22°♌41'50	18°33'53
retrograde	-9860 Oct 10 j 19:58	26°♌24'54	
asc. node	-9860 Oct 10 j 21:52	26°♌24'52	
evening set	-9860 Oct 13 j 17:41	25°♌38'12	
inferior conj	-9860 Oct 19 j 18:41	20°♌00'30	2°38'24
minimum elong	-9860 Oct 19 j 15:21	20°♌10'16	2°37'46
min. Earth dist.	-9860 Oct 21 j 16:11	17°♌47'41	0.64520 AU
morning rise	-9860 Oct 25 j 12:27	13°♌54'46	
direct	-9860 Nov 01 j 06:34	11°♌08'36	
morning max el	-9860 Nov 14 j 13:32	18°♌41'39	27°09'46
	-9860 Nov 24 j 06:34	0°♍	
desc. node	-9860 Nov 26 j 10:13	2°♍54'02	
	-9860 Dec 13 j 12:51	0°♎	
morning set	-9860 Dec 19 j 20:10	11°♎45'56	
max. Earth dist.	-9860 Dec 24 j 14:49	21°♎18'54	1.34210 AU
superior conj	-9860 Dec 27 j 22:35	28°♎13'44	-1°22'10
minimum elong	-9860 Dec 28 j 00:52	28°♎25'47	1°22'07
	-9860 Dec 28 j 18:44	0°♏	
evening rise	-9859 Jan 04 j 05:55	13°♏40'35	
asc. node	-9859 Jan 06 j 19:47	18°♏57'57	
	-9859 Jan 12 j 15:43	0°♐	
evening max el	-9859 Jan 25 j 06:53	17°♐10'37	21°59'04
retrograde	-9859 Feb 06 j 15:41	23°♐04'40	
evening set	-9859 Feb 09 j 15:13	22°♐44'56	
inferior conj	-9859 Feb 18 j 18:52	18°♐39'46	0°57'46
minimum elong	-9859 Feb 18 j 21:23	18°♐36'12	0°56'25
min. Earth dist.	-9859 Feb 18 j 14:12	18°♐46'25	0.55404 AU
desc. node	-9859 Feb 22 j 11:14	16°♐39'06	
morning rise	-9859 Feb 28 j 04:04	14°♐35'12	
direct	-9859 Mar 02 j 16:59	14°♐20'37	
morning max el	-9859 Mar 14 j 19:17	20°♐07'50	21°28'10
	-9859 Mar 22 j 19:44	0°♑	
morning set	-9859 Apr 03 j 23:18	22°♑12'29	
asc. node	-9859 Apr 04 j 18:39	23°♑52'32	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9859 Apr 07 j 17:00	0°♒	
superior conj	-9859 Apr 11 j 10:19	7°♒46'30	1°00'30
minimum elong	-9859 Apr 11 j 07:52	7°♒33'44	0°59'37
max. Earth dist.	-9859 Apr 15 j 02:59	15°♒19'37	1.35079 AU
evening rise	-9859 Apr 19 j 18:51	24°♒27'59	
	-9859 Apr 22 j 17:45	0°♓	
	-9859 May 11 j 04:24	0°♈	
desc. node	-9859 May 21 j 09:34	13°♈03'45	
evening max el	-9859 May 24 j 23:53	16°♈51'18	26°50'17
retrograde	-9859 Jun 07 j 02:33	24°♈18'08	
evening set	-9859 Jun 13 j 19:49	21°♈30'03	
min. Earth dist.	-9859 Jun 17 j 17:02	17°♈29'31	0.65422 AU
inferior conj	-9859 Jun 19 j 12:30	15°♈19'57	-3°10'12
minimum elong	-9859 Jun 19 j 15:00	15°♈12'29	3°09'38
morning rise	-9859 Jun 25 j 10:28	9°♈39'18	
direct	-9859 Jun 28 j 11:55	8°♈47'00	
asc. node	-9859 Jul 01 j 19:14	9°♈45'22	
morning max el	-9859 Jul 05 j 03:58	12°♈28'18	18°35'50
	-9859 Jul 17 j 13:34	0°♉	
morning set	-9859 Jul 25 j 08:15	12°♉39'15	
	-9859 Aug 05 j 02:16	0°♊	
superior conj	-9859 Aug 09 j 12:02	7°♊00'18	0°45'46
minimum elong	-9859 Aug 09 j 17:20	7°♊21'20	0°45'39
max. Earth dist.	-9859 Aug 11 j 00:17	9°♊23'51	1.44590 AU
desc. node	-9859 Aug 17 j 06:53	19°♊18'14	
	-9859 Aug 24 j 01:31	0°♋	
evening rise	-9859 Aug 25 j 22:50	2°♋59'10	
	-9859 Sep 12 j 13:02	0°♌	
evening max el	-9859 Sep 17 j 14:08	6°♌10'19	19°12'55
retrograde	-9859 Sep 24 j 14:59	10°♌11'30	
evening set	-9859 Sep 27 j 20:05	9°♌11'54	
asc. node	-9859 Sep 27 j 19:05	9°♌13'26	
inferior conj	-9859 Oct 03 j 13:38	3°♌20'43	1°48'39
minimum elong	-9859 Oct 03 j 11:12	3°♌28'23	1°48'17
min. Earth dist.	-9859 Oct 04 j 22:28	1°♌37'20	0.65655 AU
	-9859 Oct 06 j 06:35	30°℞♋	
morning rise	-9859 Oct 09 j 01:55	27°♋06'50	
direct	-9859 Oct 15 j 08:12	24°♋26'54	
	-9859 Oct 26 j 01:41	0°♌	
morning max el	-9859 Oct 27 j 23:38	1°♌49'04	26°16'51
desc. node	-9859 Nov 13 j 06:55	22°♌18'05	
	-9859 Nov 18 j 09:20	0°♍	
morning set	-9859 Dec 02 j 23:45	24°♍58'11	
	-9859 Dec 05 j 15:28	0°♎	
max. Earth dist.	-9859 Dec 07 j 03:17	2°♎53'37	1.35512 AU
superior conj	-9859 Dec 11 j 21:57	12°♎27'13	-1°35'03
minimum elong	-9859 Dec 11 j 23:45	12°♎36'24	1°34'58
evening rise	-9859 Dec 19 j 13:55	28°♎17'33	
	-9859 Dec 20 j 09:57	0°♏	
asc. node	-9859 Dec 24 j 17:04	8°♏29'11	
evening max el	-9858 Jan 07 j 10:32	28°♏31'31	20°35'43
	-9858 Jan 09 j 03:24	0°♐	
retrograde	-9858 Jan 18 j 06:20	3°♐36'26	
evening set	-9858 Jan 20 j 21:00	3°♐19'55	
	-9858 Jan 28 j 14:16	30°℞♏	
inferior conj	-9858 Jan 29 j 16:40	29°♏21'23	2°37'56
minimum elong	-9858 Jan 29 j 22:16	29°♏13'08	2°35'59
min. Earth dist.	-9858 Jan 31 j 04:18	28°♏28'59	0.55690 AU
morning rise	-9858 Feb 07 j 21:57	24°♏59'18	
desc. node	-9858 Feb 09 j 08:09	24°♏42'19	
direct	-9858 Feb 11 j 08:30	24°♏33'16	
	-9858 Feb 23 j 11:10	0°♐	
morning max el	-9858 Feb 24 j 16:30	1°♐07'02	23°01'20
	-9858 Mar 15 j 21:58	0°♑	
morning set	-9858 Mar 19 j 10:35	7°♑11'14	
	-9858 Mar 22 j 15:39	13°♑58'33	
superior conj	-9858 Mar 26 j 14:41	22°♑25'56	0°37'49
minimum elong	-9858 Mar 26 j 13:05	22°♑17'26	0°36'58
max. Earth dist.	-9858 Mar 29 j 02:07	27°♑39'23	1.33999 AU
	-9858 Mar 30 j 05:08	0°♒	
evening rise	-9858 Apr 03 j 09:15	8°♒26'43	
	-9858 Apr 15 j 05:41	0°♓	
	-9858 May 07 j 10:50	0°♈	
evening max el	-9858 May 07 j 10:41	29°♓59'37	27°21'56
desc. node	-9858 May 08 j 06:56	0°♈47'51	
retrograde	-9858 May 21 j 01:04	7°♈31'48	
evening set	-9858 May 28 j 00:35	4°♈49'54	
min. Earth dist.	-9858 May 31 j 16:50	1°♈23'57	0.64049 AU
	-9858 Jun 01 j 23:57	30°℞♓	
inferior conj	-9858 Jun 03 j 02:47	28°♓46'30	-3°32'16
minimum elong	-9858 Jun 03 j 04:29	28°♓41'51	3°32'10
morning rise	-9858 Jun 09 j 09:05	23°♓22'21	
direct	-9858 Jun 12 j 05:12	22°♓40'40	
morning max el	-9858 Jun 18 j 17:03	26°♓07'32	18°09'17
asc. node	-9858 Jun 18 j 16:04	26°♓05'07	
	-9858 Jun 22 j 00:11	0°♈	
morning set	-9858 Jul 06 j 15:39	23°♈36'43	
	-9858 Jul 10 j 09:58	0°♉	
superior conj	-9858 Jul 19 j 22:04	15°♉45'21	1°22'41
minimum elong	-9858 Jul 20 j 04:22	16°♉10'59	1°22'30
max. Earth dist.	-9858 Jul 24 j 15:53	23°♉23'57	1.44024 AU
	-9858 Jul 28 j 19:40	0°♊	
desc. node	-9858 Aug 04 j 04:07	9°♊56'49	
evening rise	-9858 Aug 05 j 08:38	11°♊47'32	
	-9858 Aug 17 j 06:03	0°♋	
evening max el	-9858 Aug 31 j 19:45	19°♋38'28	20°07'32
retrograde	-9858 Sep 08 j 11:40	24°♋06'10	
evening set	-9858 Sep 12 j 02:31	22°♋50'19	
asc. node	-9858 Sep 14 j 16:12	20°♋28'13	
inferior conj	-9858 Sep 17 j 14:20	16°♋48'42	0°56'35
minimum elong	-9858 Sep 17 j 13:02	16°♋53'00	0°56'39
min. Earth dist.	-9858 Sep 18 j 11:34	15°♋38'15	0.66484 AU
morning rise	-9858 Sep 22 j 23:19	10°♋30'19	
direct	-9858 Sep 28 j 15:27	8°♋04'28	
morning max el	-9858 Oct 10 j 09:03	15°♋02'29	25°04'34
	-9858 Oct 22 j 17:09	0°♌	
desc. node	-9858 Oct 31 j 03:41	12°♌10'27	
	-9858 Nov 11 j 06:02	0°♍	
morning set	-9858 Nov 15 j 09:34	7°♍12'47	
max. Earth dist.	-9858 Nov 19 j 05:36	14°♍10'14	1.37223 AU
superior conj	-9858 Nov 25 j 12:02	26°♍08'03	-1°42'03
minimum elong	-9858 Nov 25 j 12:39	26°♍11'02	1°41'56
	-9858 Nov 27 j 10:58	0°♎	
evening rise	-9858 Dec 03 j 17:25	12°♎35'30	
asc. node	-9858 Dec 11 j 14:22	27°♎33'07	
	-9858 Dec 13 j 01:16	0°♏	
evening max el	-9858 Dec 21 j 00:15	10°♏25'58	19°28'52
retrograde	-9858 Dec 30 j 06:16	14°♏48'19	
evening set	-9857 Jan 01 j 18:47	14°♏30'20	
inferior conj	-9857 Jan 10 j 01:20	10°♏22'04	3°45'37
minimum elong	-9857 Jan 10 j 05:48	10°♏14'44	3°44'35
min. Earth dist.	-9857 Jan 12 j 18:03	8°♏36'32	0.56781 AU
morning rise	-9857 Jan 18 j 14:38	5°♏35'14	
direct	-9857 Jan 23 j 08:56	4°♏43'39	
desc. node	-9857 Jan 27 j 05:00	5°♏17'43	
morning max el	-9857 Feb 06 j 07:35	11°♏46'43	24°38'20
	-9857 Feb 20 j 04:31	0°♐	
morning set	-9857 Mar 03 j 23:03	22°♐15'53	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9857 Mar 07 j 14:04	0°♉	
asc. node	-9857 Mar 09 j 12:40	4°♉12'10	
superior conj	-9857 Mar 10 j 23:23	7°♉20'10	0°14'11
minimum elong	-9857 Mar 10 j 22:48	7°♉17'00	0°13'28
behind sun begin	-9857 Mar 10 j 20:09	7°♉02'38	
behind sun end	-9857 Mar 11 j 01:27	7°♉31'21	
max. Earth dist.	-9857 Mar 12 j 09:38	10°♉24'48	1.33266 AU
evening rise	-9857 Mar 18 j 08:36	22°♉54'01	
	-9857 Mar 21 j 22:44	0°♒	
	-9857 Apr 09 j 01:51	0°♓	
evening max el	-9857 Apr 19 j 19:26	12°♓43'07	27°23'11
desc. node	-9857 Apr 25 j 04:15	17°♓09'16	
retrograde	-9857 May 03 j 17:02	20°♓13'47	
evening set	-9857 May 10 j 15:17	17°♓51'29	
min. Earth dist.	-9857 May 14 j 07:20	14°♓51'08	0.62328 AU
inferior conj	-9857 May 17 j 06:40	11°♓58'30	-3°40'34
minimum elong	-9857 May 17 j 06:49	11°♓58'08	3°40'48
morning rise	-9857 May 23 j 23:41	6°♓53'09	
direct	-9857 May 26 j 15:44	6°♓20'24	
morning max el	-9857 Jun 02 j 07:01	9°♓42'52	18°00'53
asc. node	-9857 Jun 05 j 12:53	13°♓29'11	
	-9857 Jun 15 j 17:40	0°♈	
morning set	-9857 Jun 18 j 21:44	5°♈38'51	
superior conj	-9857 Jun 30 j 09:05	25°♈43'54	1°43'51
minimum elong	-9857 Jun 30 j 12:26	25°♈58'08	1°43'52
	-9857 Jul 02 j 21:51	0°♉	
max. Earth dist.	-9857 Jul 07 j 03:39	7°♉00'42	1.42837 AU
evening rise	-9857 Jul 15 j 09:29	20°♉11'18	
	-9857 Jul 21 j 17:55	0°♊	
desc. node	-9857 Jul 22 j 01:26	0°♊28'38	
	-9857 Aug 12 j 00:20	0°♋	
evening max el	-9857 Aug 14 j 18:47	3°♋03'05	21°15'34
retrograde	-9857 Aug 23 j 07:58	8°♋05'35	
evening set	-9857 Aug 27 j 10:46	6°♋30'32	
inferior conj	-9857 Sep 01 j 18:39	0°♋21'22	0°04'23
minimum elong	-9857 Sep 01 j 18:32	0°♋21'45	0°04'55
transit middle	-9857 Sep 01 j 18:32	0°♋21'45	0°04'55
transit begin	-9857 Sep 01 j 15:56	0°♋30'37	
transit end	-9857 Sep 01 j 21:07	0°♋12'53	
asc. node	-9857 Sep 01 j 13:15	0°♋39'49	
min. Earth dist.	-9857 Sep 02 j 05:07	29°♊45'30	0.67009 AU
	-9857 Sep 02 j 00:53	30°℞♊	
morning rise	-9857 Sep 07 j 02:09	24°♊02'02	
direct	-9857 Sep 12 j 03:36	21°♊54'28	
morning max el	-9857 Sep 22 j 18:50	28°♊17'02	23°42'03
	-9857 Sep 24 j 09:55	0°♋	
	-9857 Oct 16 j 11:32	0°♌	
desc. node	-9857 Oct 18 j 00:29	2°♌22'32	
morning set	-9857 Oct 27 j 20:03	18°♌15'33	
max. Earth dist.	-9857 Nov 01 j 03:44	25°♌41'38	1.39188 AU
	-9857 Nov 03 j 13:58	0°♍	
superior conj	-9857 Nov 08 j 12:47	9°♍04'43	-1°41'06
minimum elong	-9857 Nov 08 j 11:28	8°♍58'31	1°40'48
evening rise	-9857 Nov 17 j 14:02	26°♍28'13	
	-9857 Nov 19 j 09:51	0°♎	
asc. node	-9857 Nov 28 j 11:39	16°♎00'49	
evening max el	-9857 Dec 03 j 23:34	22°♎52'41	18°41'38
retrograde	-9857 Dec 11 j 23:37	26°♎45'49	
evening set	-9857 Dec 14 j 11:45	26°♎24'24	
inferior conj	-9857 Dec 22 j 04:25	21°♎57'10	4°13'53
minimum elong	-9857 Dec 22 j 05:24	21°♎55'17	4°13'42
min. Earth dist.	-9857 Dec 25 j 09:38	19°♎32'03	0.58414 AU
morning rise	-9857 Dec 29 j 21:08	16°♎46'32	
direct	-9856 Jan 04 j 20:58	15°♎18'20	
desc. node	-9856 Jan 14 j 01:48	18°♎34'16	
morning max el	-9856 Jan 18 j 23:30	22°♎36'30	26°04'47
	-9856 Jan 25 j 13:47	0°♏	
	-9856 Feb 12 j 20:46	0°♐	
morning set	-9856 Feb 16 j 10:59	7°♐20'11	
superior conj	-9856 Feb 23 j 10:32	22°♐22'45	-0°09'31
minimum elong	-9856 Feb 23 j 10:57	22°♐25'04	0°10'00
behind sun begin	-9856 Feb 23 j 07:03	22°♐03'48	
behind sun end	-9856 Feb 23 j 14:51	22°♐46'19	
max. Earth dist.	-9856 Feb 23 j 22:09	23°♐26'06	1.32855 AU
asc. node	-9856 Feb 24 j 09:45	24°♐29'20	
	-9856 Feb 26 j 22:50	0°♉	
evening rise	-9856 Mar 01 j 14:01	7°♉40'10	
	-9856 Mar 13 j 11:06	0°♒	
evening max el	-9856 Mar 31 j 23:40	24°♒51'37	26°51'35
	-9856 Apr 07 j 13:32	0°♓	
desc. node	-9856 Apr 11 j 01:28	1°♓36'40	
retrograde	-9856 Apr 15 j 01:25	2°♓17'18	
evening set	-9856 Apr 21 j 12:34	0°♓25'56	
	-9856 Apr 22 j 06:04	30°℞♒	
min. Earth dist.	-9856 Apr 25 j 12:45	27°♒37'32	0.60371 AU
inferior conj	-9856 Apr 28 j 20:42	24°♒48'31	-3°29'40
minimum elong	-9856 Apr 28 j 18:43	24°♒52'46	3°29'51
morning rise	-9856 May 06 j 03:06	20°♒03'35	
direct	-9856 May 08 j 15:34	19°♒38'36	
morning max el	-9856 May 15 j 19:20	23°♒08'30	18°11'22
	-9856 May 21 j 06:46	0°♓	
asc. node	-9856 May 22 j 09:43	1°♓44'00	
morning set	-9856 May 31 j 21:41	18°♓34'49	
	-9856 Jun 07 j 01:25	0°♈	
superior conj	-9856 Jun 10 j 22:59	7°♈03'26	1°49'55
minimum elong	-9856 Jun 10 j 22:57	7°♈03'18	1°49'54
max. Earth dist.	-9856 Jun 18 j 09:40	19°♈59'29	1.41192 AU
evening rise	-9856 Jun 23 j 23:44	29°♈13'58	
	-9856 Jun 24 j 11:07	0°♉	
desc. node	-9856 Jul 07 j 22:45	20°♉49'35	
	-9856 Jul 14 j 07:50	0°♊	
evening max el	-9856 Jul 27 j 11:05	16°♊24'13	22°33'22
retrograde	-9856 Aug 06 j 02:27	22°♊07'28	
evening set	-9856 Aug 10 j 18:54	20°♊11'26	
inferior conj	-9856 Aug 16 j 00:43	13°♊57'30	-0°46'11
minimum elong	-9856 Aug 16 j 01:42	13°♊54'08	0°45'16
min. Earth dist.	-9856 Aug 16 j 00:48	13°♊57'16	0.67240 AU
asc. node	-9856 Aug 18 j 10:15	10°♊45'01	
morning rise	-9856 Aug 21 j 08:25	7°♊40'41	
direct	-9856 Aug 25 j 20:02	5°♊52'28	
morning max el	-9856 Sep 04 j 07:31	11°♊33'40	22°17'54
	-9856 Sep 18 j 17:46	0°♋	
desc. node	-9856 Oct 03 j 21:21	22°♋48'14	
morning set	-9856 Oct 07 j 03:34	27°♋59'42	
	-9856 Oct 08 j 09:20	0°♌	
max. Earth dist.	-9856 Oct 13 j 04:15	7°♌54'06	1.41156 AU
superior conj	-9856 Oct 20 j 18:58	21°♌02'56	-1°29'36
minimum elong	-9856 Oct 20 j 15:21	20°♌46'54	1°28'56
	-9856 Oct 25 j 17:51	0°♍	
evening rise	-9856 Oct 31 j 00:44	9°♍48'11	
	-9856 Nov 11 j 14:59	0°♎	
asc. node	-9856 Nov 14 j 08:57	3°♎40'39	
evening max el	-9856 Nov 16 j 06:24	5°♎45'15	18°14'42
retrograde	-9856 Nov 23 j 10:29	9°♎22'07	
evening set	-9856 Nov 25 j 23:06	8°♎56'06	
inferior conj	-9856 Dec 03 j 02:51	4°♎07'21	4°09'56
minimum elong	-9856 Dec 03 j 00:51	4°♎11'43	4°09'48
min. Earth dist.	-9856 Dec 06 j 06:44	1°♎22'29	0.60282 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9856 Dec 08 j 00:15	30°℞♍	
morning rise	-9856 Dec 10 j 01:08	28°♍36'56	
direct	-9856 Dec 16 j 20:02	26°♍31'36	
	-9856 Dec 26 j 03:01	0°♎	
desc. node	-9856 Dec 30 j 22:33	4°♎02'19	
morning max el	-9856 Dec 30 j 21:02	3°♎58'41	27°06'23
	-9855 Jan 19 j 02:06	0°♏	
morning set	-9855 Jan 30 j 20:27	22°♏15'59	
	-9855 Feb 03 j 12:10	0°♐	
superior conj	-9855 Feb 06 j 22:21	7°♐26'23	-0°32'26
minimum elong	-9855 Feb 06 j 23:40	7°♐33'34	0°32'41
max. Earth dist.	-9855 Feb 06 j 11:43	6°♐28'18	1.32767 AU
asc. node	-9855 Feb 10 j 06:53	14°♐45'07	
evening rise	-9855 Feb 13 j 23:10	22°♐35'54	
	-9855 Feb 17 j 14:20	0°♑	
	-9855 Mar 08 j 03:18	0°♒	
evening max el	-9855 Mar 13 j 22:00	6°♒20'57	25°49'40
retrograde	-9855 Mar 28 j 00:40	13°♒36'51	
desc. node	-9855 Mar 28 j 22:38	13°♒34'48	
evening set	-9855 Apr 02 j 14:21	12°♒21'39	
min. Earth dist.	-9855 Apr 07 j 11:06	9°♒29'43	0.58393 AU
inferior conj	-9855 Apr 10 j 17:13	7°♒06'44	-2°52'34
minimum elong	-9855 Apr 10 j 13:22	7°♒13'50	2°52'18
morning rise	-9855 Apr 18 j 15:32	2°♒41'58	
direct	-9855 Apr 21 j 00:16	2°♒23'35	
morning max el	-9855 Apr 29 j 03:05	6°♒15'04	18°41'17
asc. node	-9855 May 09 j 06:33	20°♒37'14	
	-9855 May 14 j 07:21	0°♓	
morning set	-9855 May 15 j 10:58	2°♓13'11	
superior conj	-9855 May 24 j 10:59	19°♓31'00	1°44'28
minimum elong	-9855 May 24 j 08:51	19°♓20'55	1°44'12
	-9855 May 30 j 04:18	0°♈	
max. Earth dist.	-9855 May 31 j 10:31	2°♈14'08	1.39321 AU
evening rise	-9855 Jun 04 j 16:15	9°♈34'34	
	-9855 Jun 17 j 09:31	0°♉	
desc. node	-9855 Jun 24 j 20:06	10°♉54'25	
evening max el	-9855 Jul 09 j 22:33	29°♉44'45	23°55'24
	-9855 Jul 10 j 04:40	0°♊	
retrograde	-9855 Jul 20 j 17:54	6°♊08'44	
evening set	-9855 Jul 26 j 01:04	3°♊52'02	
	-9855 Jul 29 j 12:10	30°℞♉	
inferior conj	-9855 Jul 31 j 06:52	27°♉36'03	-1°33'35
minimum elong	-9855 Jul 31 j 08:44	27°♉29'41	1°32'28
min. Earth dist.	-9855 Jul 30 j 20:15	28°♉12'19	0.67171 AU
asc. node	-9855 Aug 05 j 07:13	21°♉43'15	
morning rise	-9855 Aug 05 j 16:21	21°♉25'08	
direct	-9855 Aug 09 j 15:49	19°♉55'14	
morning max el	-9855 Aug 18 j 01:33	24°♉54'58	20°59'25
	-9855 Aug 22 j 11:02	0°♊	
	-9855 Sep 12 j 04:43	0°♋	
morning set	-9855 Sep 16 j 12:13	6°♋40'58	
desc. node	-9855 Sep 20 j 18:17	13°♋22'57	
max. Earth dist.	-9855 Sep 25 j 10:31	20°♋53'48	1.42853 AU
	-9855 Sep 30 j 23:00	0°♌	
superior conj	-9855 Oct 02 j 00:47	1°♌48'17	-1°05'05
minimum elong	-9855 Oct 01 j 19:52	1°♌27'37	1°04'02
evening rise	-9855 Oct 13 j 21:32	22°♌26'03	
	-9855 Oct 18 j 03:52	0°♍	
evening max el	-9855 Oct 30 j 18:02	18°♍56'21	18°07'34
asc. node	-9855 Nov 01 j 06:14	20°♍18'33	
retrograde	-9855 Nov 06 j 11:19	22°♍28'04	
evening set	-9855 Nov 09 j 01:56	21°♍55'50	
inferior conj	-9855 Nov 15 j 18:07	16°♍46'18	3°44'07
minimum elong	-9855 Nov 15 j 14:39	16°♍54'54	3°43'40

min. Earth dist.	-9855 Nov 18 j 12:24	14°♍02'17	0.62115 AU
morning rise	-9855 Nov 22 j 02:19	10°♍59'57	
direct	-9855 Nov 29 j 04:18	8°♍27'27	
morning max el	-9855 Dec 13 j 00:45	16°♍00'14	27°34'35
desc. node	-9855 Dec 17 j 19:17	21°♍07'40	
	-9855 Dec 24 j 16:04	0°♎	
	-9854 Jan 11 j 13:48	0°♏	
morning set	-9854 Jan 15 j 01:24	6°♏55'45	
max. Earth dist.	-9854 Jan 20 j 22:39	19°♏18'09	1.33025 AU
superior conj	-9854 Jan 22 j 09:14	22°♏25'05	-0°53'48
minimum elong	-9854 Jan 22 j 11:13	22°♏35'49	0°53'53
	-9854 Jan 25 j 21:06	0°♐	
asc. node	-9854 Jan 28 j 04:05	4°♐55'11	
evening rise	-9854 Jan 29 j 10:13	7°♐34'38	
	-9854 Feb 10 j 07:38	0°♑	
evening max el	-9854 Feb 23 j 15:58	17°♑20'55	24°25'36
retrograde	-9854 Mar 09 j 12:24	24°♑15'58	
evening set	-9854 Mar 13 j 22:27	23°♑32'01	
desc. node	-9854 Mar 15 j 19:46	22°♑48'17	
min. Earth dist.	-9854 Mar 20 j 05:10	20°♑23'53	0.56712 AU
inferior conj	-9854 Mar 22 j 17:57	18°♑46'42	-1°43'28
minimum elong	-9854 Mar 22 j 14:17	18°♑52'36	1°42'59
morning rise	-9854 Mar 31 j 09:14	14°♑37'59	
direct	-9854 Apr 02 j 14:56	14°♑24'11	
morning max el	-9854 Apr 12 j 03:15	18°♑52'36	19°31'03
	-9854 Apr 20 j 14:14	0°♒	
asc. node	-9854 Apr 26 j 03:26	9°♒59'36	
morning set	-9854 Apr 29 j 09:52	16°♒24'31	
	-9854 May 06 j 04:52	0°♓	
superior conj	-9854 May 07 j 15:33	2°♓50'58	1°31'06
minimum elong	-9854 May 07 j 12:36	2°♓36'33	1°30'30
max. Earth dist.	-9854 May 13 j 11:30	14°♓00'12	1.37481 AU
evening rise	-9854 May 17 j 11:11	21°♓15'55	
	-9854 May 22 j 11:58	0°♈	
	-9854 Jun 11 j 06:44	0°♉	
desc. node	-9854 Jun 11 j 17:30	0°♉35'48	
evening max el	-9854 Jun 22 j 08:23	13°♉07'50	25°14'03
retrograde	-9854 Jul 04 j 05:22	20°♉04'46	
evening set	-9854 Jul 10 j 03:16	17°♉30'29	
min. Earth dist.	-9854 Jul 14 j 13:02	12°♉28'23	0.66782 AU
inferior conj	-9854 Jul 15 j 11:16	11°♉15'02	-2°16'22
minimum elong	-9854 Jul 15 j 13:44	11°♉06'54	2°15'16
morning rise	-9854 Jul 21 j 00:11	5°♉13'21	
asc. node	-9854 Jul 23 j 04:09	4°♉10'54	
direct	-9854 Jul 24 j 13:35	3°♉59'46	
morning max el	-9854 Aug 01 j 02:07	8°♉22'36	19°51'55
	-9854 Aug 16 j 19:34	0°♊	
morning set	-9854 Aug 26 j 14:19	15°♊06'28	
	-9854 Sep 05 j 02:10	0°♋	
desc. node	-9854 Sep 07 j 15:17	4°♋02'31	
max. Earth dist.	-9854 Sep 07 j 22:53	4°♋32'46	1.44055 AU
superior conj	-9854 Sep 12 j 02:44	11°♋13'05	-0°27'03
minimum elong	-9854 Sep 11 j 23:48	11°♋01'13	0°26'06
	-9854 Sep 23 j 12:15	0°♌	
evening rise	-9854 Sep 25 j 23:21	4°♌09'15	
	-9854 Oct 12 j 06:36	0°♍	
evening max el	-9854 Oct 14 j 07:28	2°♍18'17	18°19'12
asc. node	-9854 Oct 19 j 03:30	5°♍37'45	
retrograde	-9854 Oct 20 j 21:56	5°♍54'20	
evening set	-9854 Oct 23 j 16:32	5°♍13'36	
inferior conj	-9854 Oct 29 j 22:37	29°♌45'29	3°04'48
minimum elong	-9854 Oct 29 j 18:58	29°♌55'33	3°04'09
	-9854 Oct 29 j 17:22	30°℞♌	
min. Earth dist.	-9854 Nov 01 j 03:52	27°♌18'20	0.63731 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning rise	-9854 Nov 04 j 20:44	23°♌46'12	
direct	-9854 Nov 11 j 19:56	21°♌01'02	
morning max el	-9854 Nov 25 j 08:44	28°♌35'22	27°27'59
	-9854 Nov 26 j 18:18	0°♍	
desc. node	-9854 Dec 04 j 16:00	9°♍21'42	
	-9854 Dec 18 j 09:54	0°♎	
morning set	-9854 Dec 29 j 23:16	21°♎10'11	
	-9853 Jan 03 j 07:28	0°♏	
max. Earth dist.	-9853 Jan 04 j 03:17	1°♏43'30	1.33660 AU
superior conj	-9853 Jan 06 j 17:23	7°♏12'07	-1°12'45
minimum elong	-9853 Jan 06 j 19:42	7°♏24'25	1°12'44
evening rise	-9853 Jan 13 j 21:27	22°♏29'50	
asc. node	-9853 Jan 15 j 01:20	24°♏54'52	
	-9853 Jan 17 j 13:36	0°♐	
evening max el	-9853 Feb 05 j 09:42	28°♐12'01	22°52'01
	-9853 Feb 07 j 11:06	0°♑	
retrograde	-9853 Feb 18 j 11:12	4°♑31'15	
evening set	-9853 Feb 21 j 20:42	4°♑06'06	
min. Earth dist.	-9853 Mar 01 j 20:50	0°♑30'31	0.55649 AU
desc. node	-9853 Mar 02 j 16:50	0°♑01'31	
	-9853 Mar 02 j 17:52	30°℞♐	
inferior conj	-9853 Mar 03 j 00:44	29°♐50'02	-0°05'10
minimum elong	-9853 Mar 03 j 00:29	29°♐50'23	0°05'39
transit middle	-9853 Mar 03 j 00:29	29°♐50'23	0°05'39
transit begin	-9853 Mar 02 j 20:41	29°♐55'55	
transit end	-9853 Mar 03 j 04:17	29°♐44'52	
morning rise	-9853 Mar 12 j 05:54	25°♐48'04	
direct	-9853 Mar 14 j 13:25	25°♐35'16	
	-9853 Mar 24 j 18:02	0°♑	
morning max el	-9853 Mar 25 j 17:15	0°♑52'29	20°40'19
asc. node	-9853 Apr 13 j 00:21	29°♑43'57	
	-9853 Apr 13 j 03:31	0°♒	
morning set	-9853 Apr 13 j 15:28	1°♒00'49	
superior conj	-9853 Apr 21 j 08:04	16°♒50'31	1°12'39
minimum elong	-9853 Apr 21 j 05:16	16°♒36'13	1°11'48
max. Earth dist.	-9853 Apr 25 j 19:15	25°♒46'17	1.35867 AU
	-9853 Apr 27 j 23:41	0°♓	
evening rise	-9853 Apr 30 j 03:18	4°♓03'45	
	-9853 May 15 j 09:18	0°♈	
desc. node	-9853 May 29 j 14:55	19°♈44'02	
evening max el	-9853 Jun 04 j 18:48	26°♈32'23	26°20'40
	-9853 Jun 08 j 16:18	0°♉	
retrograde	-9853 Jun 17 j 12:06	3°♉50'48	
evening set	-9853 Jun 23 j 23:18	1°♉05'09	
	-9853 Jun 25 j 03:08	30°℞♈	
min. Earth dist.	-9853 Jun 28 j 00:46	26°♈42'23	0.66035 AU
inferior conj	-9853 Jun 29 j 12:01	24°♈52'40	-2°52'50
minimum elong	-9853 Jun 29 j 14:40	24°♈44'26	2°52'02
morning rise	-9853 Jul 05 j 06:08	19°♈03'26	
direct	-9853 Jul 08 j 11:29	18°♈03'53	
asc. node	-9853 Jul 10 j 01:01	18°♈17'26	
morning max el	-9853 Jul 15 j 08:57	21°♈57'29	18°58'55
	-9853 Jul 21 j 17:35	0°♉	
morning set	-9853 Aug 06 j 06:27	24°♉13'57	
	-9853 Aug 09 j 21:24	0°♊	
max. Earth dist.	-9853 Aug 21 j 15:26	18°♊36'20	1.44607 AU
superior conj	-9853 Aug 22 j 06:47	19°♊37'04	0°19'29
minimum elong	-9853 Aug 22 j 09:17	19°♊46'55	0°19'43
desc. node	-9853 Aug 25 j 12:23	24°♊44'15	
	-9853 Aug 28 j 19:53	0°♋	
evening rise	-9853 Sep 07 j 00:56	14°♋46'10	
	-9853 Sep 16 j 12:02	0°♌	
evening max el	-9853 Sep 27 j 19:50	15°♌45'40	18°48'30
retrograde	-9853 Oct 04 j 14:48	19°♌35'02	
asc. node	-9853 Oct 06 j 00:43	19°♌23'41	
evening set	-9853 Oct 07 j 15:29	18°♌43'03	
inferior conj	-9853 Oct 13 j 13:05	12°♌59'11	2°17'42
minimum elong	-9853 Oct 13 j 10:05	13°♌08'15	2°17'09
min. Earth dist.	-9853 Oct 15 j 05:01	10°♌58'35	0.65048 AU
morning rise	-9853 Oct 19 j 04:15	6°♌49'51	
direct	-9853 Oct 25 j 17:51	4°♌05'16	
morning max el	-9853 Nov 07 j 18:40	11°♌34'14	26°50'11
desc. node	-9853 Nov 21 j 12:42	28°♌24'26	
	-9853 Nov 22 j 15:29	0°♍	
	-9853 Dec 10 j 21:24	0°♎	
morning set	-9853 Dec 13 j 10:43	4°♎48'33	
max. Earth dist.	-9853 Dec 17 j 22:22	13°♎37'04	1.34713 AU
superior conj	-9853 Dec 21 j 20:41	21°♎40'07	-1°28'14
minimum elong	-9853 Dec 21 j 22:50	21°♎51'21	1°28'11
	-9853 Dec 25 j 19:59	0°♏	
evening rise	-9853 Dec 29 j 07:09	7°♏15'23	
asc. node	-9852 Jan 01 j 22:37	14°♏38'29	
	-9852 Jan 10 j 17:32	0°♐	
evening max el	-9852 Jan 18 j 08:22	9°♐16'34	21°21'54
retrograde	-9852 Jan 30 j 01:49	14°♐49'27	
evening set	-9852 Feb 01 j 20:41	14°♐31'43	
inferior conj	-9852 Feb 10 j 21:55	10°♐31'38	1°42'59
minimum elong	-9852 Feb 11 j 02:11	10°♐25'34	1°41'09
min. Earth dist.	-9852 Feb 11 j 10:59	10°♐13'01	0.55420 AU
desc. node	-9852 Feb 17 j 13:49	7°♐09'53	
morning rise	-9852 Feb 20 j 07:15	6°♐21'41	
direct	-9852 Feb 23 j 03:48	6°♐03'39	
morning max el	-9852 Mar 06 j 20:04	12°♐11'34	22°06'36
	-9852 Mar 19 j 20:17	0°♑	
morning set	-9852 Mar 28 j 01:16	15°♑53'45	
asc. node	-9852 Mar 29 j 21:19	19°♑43'45	
	-9852 Apr 03 j 18:02	0°♒	
superior conj	-9852 Apr 04 j 08:55	1°♒18'07	0°51'05
minimum elong	-9852 Apr 04 j 06:47	1°♒06'57	0°50'10
max. Earth dist.	-9852 Apr 07 j 12:50	7°♒51'52	1.34580 AU
evening rise	-9852 Apr 12 j 10:53	17°♒40'39	
	-9852 Apr 19 j 02:13	0°♓	
	-9852 May 08 j 15:17	0°♈	
desc. node	-9852 May 15 j 12:18	8°♈04'18	
evening max el	-9852 May 17 j 05:44	9°♈49'20	27°07'03
retrograde	-9852 May 30 j 13:37	17°♈18'45	
evening set	-9852 Jun 06 j 10:29	14°♈31'39	
min. Earth dist.	-9852 Jun 10 j 05:13	10°♈46'48	0.64894 AU
inferior conj	-9852 Jun 12 j 06:51	8°♈24'20	-3°20'59
minimum elong	-9852 Jun 12 j 09:06	8°♈17'51	3°20'36
morning rise	-9852 Jun 18 j 08:06	2°♈50'31	
direct	-9852 Jun 21 j 07:12	2°♈02'52	
asc. node	-9852 Jun 25 j 21:50	3°♈52'48	
morning max el	-9852 Jun 27 j 20:24	5°♈36'24	18°22'23
	-9852 Jul 14 j 06:04	0°♉	
morning set	-9852 Jul 16 j 23:07	4°♉30'14	
superior conj	-9852 Jul 31 j 08:07	27°♉55'41	1°03'10
minimum elong	-9852 Jul 31 j 14:31	28°♉21'14	1°02'57
	-9852 Aug 01 j 15:18	0°♊	
max. Earth dist.	-9852 Aug 03 j 08:35	2°♊44'04	1.44437 AU
desc. node	-9852 Aug 11 j 09:34	15°♊24'53	
evening rise	-9852 Aug 16 j 23:45	24°♊10'18	
	-9852 Aug 20 j 17:20	0°♋	
greatest brilliancy	-9852 Aug 27 j 21:23	11°♋05'30	-0.7m
evening max el	-9852 Sep 10 j 04:28	29°♋14'13	19°34'19
	-9852 Sep 10 j 22:55	0°♌	
retrograde	-9852 Sep 17 j 10:52	3°♌25'42	
evening set	-9852 Sep 20 j 19:54	2°♌19'26	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9852 Sep 21 j 21:50	1°♌30'42	
	-9852 Sep 23 j 11:20	30°℞♋	
inferior conj	-9852 Sep 26 j 10:45	26°♋23'09	1°26'41
minimum elong	-9852 Sep 26 j 08:47	26°♋29'31	1°26'29
min. Earth dist.	-9852 Sep 27 j 14:25	24°♋53'48	0.66042 AU
morning rise	-9852 Oct 01 j 21:23	20°♋06'56	
direct	-9852 Oct 07 j 21:41	17°♋32'38	
morning max el	-9852 Oct 20 j 04:41	24°♋45'56	25°48'05
	-9852 Oct 24 j 23:35	0°♌	
desc. node	-9852 Nov 07 j 09:27	18°♌01'57	
	-9852 Nov 15 j 02:06	0°♍	
morning set	-9852 Nov 25 j 07:27	17°♍38'32	
max. Earth dist.	-9852 Nov 29 j 06:35	25°♍03'21	1.36193 AU
	-9852 Dec 01 j 19:50	0°♎	
superior conj	-9852 Dec 04 j 16:32	5°♎41'13	-1°38'51
minimum elong	-9852 Dec 04 j 17:55	5°♎48'11	1°38'47
evening rise	-9852 Dec 12 j 13:32	21°♎45'39	
	-9852 Dec 16 j 16:57	0°♏	
asc. node	-9852 Dec 18 j 19:55	3°♏59'40	
evening max el	-9852 Dec 30 j 16:06	20°♏51'21	20°05'00
retrograde	-9851 Jan 09 j 19:30	25°♏37'29	
evening set	-9851 Jan 12 j 08:42	25°♏20'43	
inferior conj	-9851 Jan 20 j 23:02	21°♏19'16	3°11'30
minimum elong	-9851 Jan 21 j 04:38	21°♏10'40	3°09'50
min. Earth dist.	-9851 Jan 23 j 00:41	20°♏03'25	0.56061 AU
morning rise	-9851 Jan 29 j 22:40	16°♏47'04	
direct	-9851 Feb 02 j 21:49	16°♏12'17	
desc. node	-9851 Feb 03 j 10:42	16°♏12'57	
morning max el	-9851 Feb 16 j 14:07	23°♏00'31	23°42'58
	-9851 Feb 22 j 18:16	0°♐	
	-9851 Mar 12 j 02:28	0°♂	
morning set	-9851 Mar 12 j 13:19	0°♂56'34	
asc. node	-9851 Mar 16 j 18:20	9°♂54'11	
superior conj	-9851 Mar 19 j 15:25	16°♂05'26	0°27'52
minimum elong	-9851 Mar 19 j 14:14	15°♂59'07	0°27'04
max. Earth dist.	-9851 Mar 21 j 15:54	20°♂23'51	1.33645 AU
	-9851 Mar 26 j 07:00	0°♒	
evening rise	-9851 Mar 27 j 05:30	1°♒53'11	
	-9851 Apr 12 j 00:09	0°♓	
evening max el	-9851 Apr 29 j 15:44	22°♓48'03	27°26'12
desc. node	-9851 May 02 j 09:38	25°♓16'51	
	-9851 May 10 j 17:32	0°♈	
retrograde	-9851 May 13 j 09:31	0°♈20'34	
	-9851 May 15 j 23:20	30°℞♓	
evening set	-9851 May 20 j 09:43	27°♓44'57	
min. Earth dist.	-9851 May 24 j 00:58	24°♓31'38	0.63363 AU
inferior conj	-9851 May 26 j 17:05	21°♓45'30	-3°37'45
minimum elong	-9851 May 26 j 18:13	21°♓42'31	3°37'49
morning rise	-9851 Jun 02 j 03:40	16°♓29'24	
direct	-9851 Jun 04 j 21:55	15°♓51'47	
morning max el	-9851 Jun 11 j 10:14	19°♓15'18	18°03'25
asc. node	-9851 Jun 12 j 18:39	20°♓41'58	
	-9851 Jun 19 j 08:22	0°♈	
morning set	-9851 Jun 28 j 16:39	15°♈56'14	
	-9851 Jul 06 j 21:03	0°♉	
superior conj	-9851 Jul 11 j 03:51	7°♉09'35	1°33'41
minimum elong	-9851 Jul 11 j 09:10	7°♉31'32	1°33'36
max. Earth dist.	-9851 Jul 16 j 22:42	16°♉35'51	1.43585 AU
	-9851 Jul 25 j 09:46	0°♊	
evening rise	-9851 Jul 27 j 03:01	2°♊40'34	
desc. node	-9851 Jul 29 j 06:49	6°♊00'59	
	-9851 Aug 14 j 07:30	0°♋	
evening max el	-9851 Aug 24 j 07:16	12°♋40'33	20°35'01
retrograde	-9851 Sep 01 j 07:43	17°♋22'42	
evening set	-9851 Sep 05 j 03:20	15°♋59'03	
asc. node	-9851 Sep 08 j 18:55	12°♋13'16	
inferior conj	-9851 Sep 10 j 13:13	9°♋53'39	0°34'20
minimum elong	-9851 Sep 10 j 12:26	9°♋56'18	0°34'36
min. Earth dist.	-9851 Sep 11 j 05:47	8°♋57'46	0.66735 AU
morning rise	-9851 Sep 15 j 21:20	3°♋34'12	
direct	-9851 Sep 21 j 07:04	1°♋15'54	
morning max el	-9851 Oct 02 j 14:11	8°♋00'48	24°30'14
	-9851 Oct 19 j 20:37	0°♌	
desc. node	-9851 Oct 25 j 06:12	8°♌03'32	
morning set	-9851 Nov 07 j 08:00	29°♌24'29	
	-9851 Nov 07 j 16:09	0°♍	
max. Earth dist.	-9851 Nov 11 j 06:07	6°♍21'41	1.38032 AU
superior conj	-9851 Nov 18 j 01:27	19°♍04'32	-1°42'47
minimum elong	-9851 Nov 18 j 01:19	19°♍03'54	1°42'37
	-9851 Nov 23 j 15:10	0°♎	
evening rise	-9851 Nov 26 j 14:25	5°♎53'36	
asc. node	-9851 Dec 05 j 17:13	22°♎49'37	
	-9851 Dec 10 j 16:10	0°♏	
evening max el	-9851 Dec 13 j 10:02	3°♏00'02	19°06'22
retrograde	-9851 Dec 22 j 02:24	7°♏08'27	
evening set	-9851 Dec 24 j 14:26	6°♏49'20	
inferior conj	-9850 Jan 01 j 15:04	2°♏33'56	4°02'10
minimum elong	-9850 Jan 01 j 18:08	2°♏28'34	4°01'36
min. Earth dist.	-9850 Jan 04 j 15:09	0°♏29'10	0.57419 AU
	-9850 Jan 05 j 08:53	30°℞♎	
morning rise	-9850 Jan 09 j 19:36	27°♎36'06	
direct	-9850 Jan 15 j 03:14	26°♎29'43	
desc. node	-9850 Jan 21 j 07:31	27°♎58'31	
	-9850 Jan 24 j 18:24	0°♏	
morning max el	-9850 Jan 29 j 04:53	3°♏41'28	25°17'18
	-9850 Feb 16 j 22:11	0°♐	
morning set	-9850 Feb 25 j 01:45	16°♐01'46	
asc. node	-9850 Mar 03 j 15:24	0°♂09'59	
	-9850 Mar 03 j 13:34	0°♂	
superior conj	-9850 Mar 04 j 01:23	1°♂04'11	0°04'06
minimum elong	-9850 Mar 04 j 01:14	1°♂03'20	0°03'30
behind sun begin	-9850 Mar 03 j 20:17	0°♂36'30	
behind sun end	-9850 Mar 04 j 06:10	1°♂30'10	
max. Earth dist.	-9850 Mar 05 j 01:43	3°♂16'14	1.33047 AU
evening rise	-9850 Mar 11 j 07:43	16°♂29'31	
	-9850 Mar 18 j 06:25	0°♒	
	-9850 Apr 07 j 00:27	0°♓	
evening max el	-9850 Apr 11 j 22:41	5°♓17'30	27°13'43
desc. node	-9850 Apr 19 j 06:54	10°♓54'16	
retrograde	-9850 Apr 25 j 22:47	12°♓47'21	
evening set	-9850 May 02 j 17:28	10°♓37'01	
min. Earth dist.	-9850 May 06 j 11:37	7°♓43'30	0.61511 AU
inferior conj	-9850 May 09 j 15:32	4°♓49'31	-3°38'43
minimum elong	-9850 May 09 j 14:49	4°♓51'10	3°38'59
	-9850 May 16 j 06:32	30°℞♒	
morning rise	-9850 May 16 j 13:56	29°♒52'51	
direct	-9850 May 19 j 04:17	29°♒23'42	
	-9850 May 22 j 00:36	0°♓	
morning max el	-9850 May 25 j 23:54	2°♓48'04	18°02'57
asc. node	-9850 May 30 j 15:29	8°♓29'40	
morning set	-9850 Jun 11 j 06:58	28°♓23'04	
	-9850 Jun 12 j 04:16	0°♈	
superior conj	-9850 Jun 22 j 02:43	17°♈44'05	1°48'04
minimum elong	-9850 Jun 22 j 04:32	17°♈51'58	1°48'07
	-9850 Jun 29 j 08:30	0°♉	
max. Earth dist.	-9850 Jun 29 j 07:33	29°♈56'04	1.42179 AU
evening rise	-9850 Jul 06 j 07:07	11°♉14'08	
desc. node	-9850 Jul 16 j 04:07	26°♉29'00	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9850 Jul 18 j 12:35	0°♊	
evening max el	-9850 Aug 07 j 03:20	26°♊03'56	21°47'48
	-9850 Aug 11 j 20:44	0°♋	
retrograde	-9850 Aug 16 j 03:26	1°♋23'39	
evening set	-9850 Aug 20 j 11:45	29°♊40'03	
	-9850 Aug 20 j 01:18	30°℞♊	
inferior conj	-9850 Aug 25 j 18:32	23°♊28'35	-0°17'20
minimum elong	-9850 Aug 25 j 18:54	23°♊27'19	0°16'38
min. Earth dist.	-9850 Aug 26 j 00:39	23°♊07'28	0.67141 AU
asc. node	-9850 Aug 26 j 15:55	22°♊15'02	
morning rise	-9850 Aug 31 j 01:53	17°♊09'40	
direct	-9850 Sep 04 j 21:19	15°♊10'07	
morning max el	-9850 Sep 15 j 00:44	21°♊15'54	23°05'53
	-9850 Sep 22 j 11:32	0°♋	
desc. node	-9850 Oct 12 j 03:02	28°♋22'11	
	-9850 Oct 13 j 03:56	0°♌	
morning set	-9850 Oct 19 j 07:07	9°♌53'45	
max. Earth dist.	-9850 Oct 24 j 03:57	18°♌05'58	1.40040 AU
	-9850 Oct 30 j 21:26	0°♍	
superior conj	-9850 Oct 31 j 18:58	1°♍38'14	-1°37'41
minimum elong	-9850 Oct 31 j 16:40	1°♍27'42	1°37'14
evening rise	-9850 Nov 10 j 07:11	19°♍33'03	
	-9850 Nov 15 j 20:56	0°♎	
asc. node	-9850 Nov 22 j 14:29	10°♎58'26	
evening max el	-9850 Nov 26 j 12:55	15°♎38'54	18°27'47
retrograde	-9850 Dec 04 j 03:08	19°♎23'10	
evening set	-9850 Dec 06 j 15:25	18°♎59'55	
inferior conj	-9850 Dec 14 j 02:28	14°♎23'54	4°15'30
minimum elong	-9850 Dec 14 j 02:01	14°♎24'47	4°15'25
min. Earth dist.	-9850 Dec 17 j 08:43	11°♎47'33	0.59203 AU
morning rise	-9850 Dec 21 j 10:52	9°♎04'30	
direct	-9850 Dec 27 j 20:35	7°♎19'26	
desc. node	-9849 Jan 08 j 04:19	12°♎14'46	
morning max el	-9849 Jan 10 j 22:35	14°♎41'57	26°34'36
	-9849 Jan 23 j 07:07	0°♏	
	-9849 Feb 09 j 00:46	0°♐	
morning set	-9849 Feb 09 j 12:49	1°♐02'42	
superior conj	-9849 Feb 16 j 13:00	16°♐07'41	-0°19'23
minimum elong	-9849 Feb 16 j 13:49	16°♐12'11	0°19'45
max. Earth dist.	-9849 Feb 16 j 14:59	16°♐18'32	1.32777 AU
asc. node	-9849 Feb 18 j 12:32	20°♐26'58	
	-9849 Feb 22 j 23:33	0°♑	
evening rise	-9849 Feb 23 j 14:58	1°♑20'30	
	-9849 Mar 11 j 09:44	0°♒	
evening max el	-9849 Mar 25 j 00:39	17°♒09'44	26°28'44
desc. node	-9849 Apr 06 j 04:07	24°♒21'58	
retrograde	-9849 Apr 08 j 03:36	24°♒31'49	
evening set	-9849 Apr 14 j 06:31	22°♒56'10	
min. Earth dist.	-9849 Apr 18 j 13:57	20°♒07'45	0.59510 AU
inferior conj	-9849 Apr 21 j 22:32	17°♒27'19	-3°17'36
minimum elong	-9849 Apr 21 j 19:38	17°♒33'08	3°17'38
morning rise	-9849 Apr 29 j 11:23	12°♒50'48	
direct	-9849 May 01 j 22:14	12°♒28'48	
morning max el	-9849 May 09 j 10:34	16°♒06'27	18°21'39
asc. node	-9849 May 17 j 12:20	27°♒02'11	
	-9849 May 19 j 05:46	0°♓	
morning set	-9849 May 25 j 13:09	11°♓38'46	
superior conj	-9849 Jun 04 j 02:42	29°♓34'22	1°48'46
minimum elong	-9849 Jun 04 j 01:36	29°♓29'19	1°48'41
	-9849 Jun 04 j 08:20	0°♈	
max. Earth dist.	-9849 Jun 11 j 11:10	12°♈36'23	1.40412 AU
evening rise	-9849 Jun 16 j 07:56	20°♈48'23	
	-9849 Jun 22 j 00:31	0°♉	
desc. node	-9849 Jul 03 j 01:27	16°♉44'01	

	-9849 Jul 12 j 16:13	0°♊	
evening max el	-9849 Jul 20 j 17:26	9°♊25'18	23°08'11
retrograde	-9849 Jul 30 j 20:38	15°♊25'42	
evening set	-9849 Aug 04 j 19:16	13°♊20'54	
inferior conj	-9849 Aug 10 j 00:51	7°♊06'02	-1°06'44
minimum elong	-9849 Aug 10 j 02:14	7°♊01'16	1°05'43
min. Earth dist.	-9849 Aug 09 j 20:31	7°♊20'59	0.67256 AU
asc. node	-9849 Aug 13 j 12:54	2°♊36'38	
morning rise	-9849 Aug 15 j 09:07	0°♊51'19	
	-9849 Aug 16 j 15:30	30°℞♉	
direct	-9849 Aug 19 j 15:26	29°♉10'52	
	-9849 Aug 22 j 20:29	0°♊	
morning max el	-9849 Aug 28 j 15:17	4°♊33'37	21°43'21
	-9849 Sep 16 j 16:47	0°♋	
desc. node	-9849 Sep 28 j 23:55	18°♋52'07	
morning set	-9849 Sep 29 j 03:35	19°♋06'36	
	-9849 Oct 05 j 21:18	0°♌	
max. Earth dist.	-9849 Oct 06 j 06:47	0°♌39'08	1.41933 AU
superior conj	-9849 Oct 13 j 15:28	13°♌07'15	-1°20'54
minimum elong	-9849 Oct 13 j 11:03	12°♌48'08	1°20'02
	-9849 Oct 23 j 02:18	0°♍	
evening rise	-9849 Oct 24 j 12:28	2°♍36'02	
asc. node	-9849 Nov 09 j 11:45	28°♍13'44	
evening max el	-9849 Nov 09 j 22:11	28°♍40'22	18°09'20
	-9849 Nov 11 j 09:34	0°♎	
retrograde	-9849 Nov 16 j 20:24	2°♎13'32	
evening set	-9849 Nov 19 j 09:49	1°♎44'55	
	-9849 Nov 22 j 13:21	30°℞♍	
inferior conj	-9849 Nov 26 j 08:26	26°♍46'57	4°01'06
minimum elong	-9849 Nov 26 j 05:37	26°♍53'26	4°00'49
min. Earth dist.	-9849 Nov 29 j 08:51	24°♍00'25	0.61083 AU
morning rise	-9849 Dec 03 j 00:13	21°♍09'40	
direct	-9849 Dec 09 j 23:39	18°♍51'20	
morning max el	-9849 Dec 23 j 22:41	26°♍20'16	27°22'46
desc. node	-9849 Dec 26 j 01:05	28°♍28'08	
	-9849 Dec 27 j 10:43	0°♎	
	-9848 Jan 16 j 16:14	0°♏	
morning set	-9848 Jan 24 j 20:40	15°♏52'52	
max. Earth dist.	-9848 Jan 31 j 04:04	29°♏18'12	1.32835 AU
	-9848 Jan 31 j 11:45	0°♐	
superior conj	-9848 Feb 01 j 00:39	1°♐10'12	-0°41'44
minimum elong	-9848 Feb 01 j 02:17	1°♐19'06	0°41'54
asc. node	-9848 Feb 05 j 09:42	10°♐41'09	
evening rise	-9848 Feb 08 j 01:11	16°♐18'56	
	-9848 Feb 14 j 22:32	0°♑	
evening max el	-9848 Mar 05 j 21:01	28°♑25'44	25°16'01
	-9848 Mar 07 j 14:41	0°♒	
retrograde	-9848 Mar 19 j 21:49	5°♒33'38	
desc. node	-9848 Mar 23 j 01:18	5°♒10'16	
evening set	-9848 Mar 25 j 00:14	4°♒32'53	
min. Earth dist.	-9848 Mar 30 j 10:03	1°♒35'41	0.57624 AU
	-9848 Apr 01 j 17:50	30°℞♑	
inferior conj	-9848 Apr 02 j 10:50	29°♑30'26	-2°27'23
minimum elong	-9848 Apr 02 j 06:42	29°♑37'36	2°26'56
morning rise	-9848 Apr 10 j 16:22	25°♑13'06	
direct	-9848 Apr 12 j 23:48	24°♑56'50	
morning max el	-9848 Apr 21 j 15:25	29°♑01'57	19°00'03
	-9848 Apr 22 j 14:47	0°♒	
asc. node	-9848 May 03 j 09:13	16°♒09'17	
morning set	-9848 May 08 j 07:01	25°♒33'04	
	-9848 May 10 j 13:17	0°♓	
superior conj	-9848 May 16 j 22:27	12°♓26'34	1°39'35
minimum elong	-9848 May 16 j 19:50	12°♓14'01	1°39'11
max. Earth dist.	-9848 May 23 j 11:57	24°♓39'03	1.38525 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9848 May 26 j 12:09	0°♈	
evening rise	-9848 May 27 j 12:14	1°♈44'57	
	-9848 Jun 14 j 05:57	0°♉	
desc. node	-9848 Jun 18 j 22:49	6°♉40'09	
evening max el	-9848 Jul 02 j 03:57	22°♉47'21	24°29'38
retrograde	-9848 Jul 13 j 10:22	29°♉25'53	
evening set	-9848 Jul 19 j 00:00	27°♉01'00	
min. Earth dist.	-9848 Jul 23 j 15:02	21°♉37'13	0.67059 AU
inferior conj	-9848 Jul 24 j 06:29	20°♉45'08	-1°52'23
minimum elong	-9848 Jul 24 j 08:39	20°♉37'51	1°51'14
morning rise	-9848 Jul 29 j 17:15	14°♉38'00	
asc. node	-9848 Jul 30 j 09:53	14°♉10'23	
direct	-9848 Aug 02 j 12:14	13°♉15'19	
morning max el	-9848 Aug 10 j 12:08	17°♉57'59	20°29'06
	-9848 Aug 19 j 23:32	0°♊	
morning set	-9848 Sep 07 j 06:56	27°♊34'22	
	-9848 Sep 08 j 20:20	0°♋	
desc. node	-9848 Sep 14 j 20:51	9°♋29'18	
max. Earth dist.	-9848 Sep 17 j 16:24	13°♋59'35	1.43445 AU
superior conj	-9848 Sep 23 j 09:30	23°♋18'09	-0°50'27
minimum elong	-9848 Sep 23 j 04:54	22°♋59'11	0°49'21
	-9848 Sep 27 j 09:52	0°♌	
evening rise	-9848 Oct 06 j 01:53	14°♌52'34	
	-9848 Oct 14 j 21:14	0°♍	
evening max el	-9848 Oct 23 j 10:53	11°♍56'33	18°10'14
asc. node	-9848 Oct 26 j 09:02	14°♍20'13	
retrograde	-9848 Oct 30 j 02:04	15°♍29'14	
evening set	-9848 Nov 01 j 18:07	14°♍53'39	
inferior conj	-9848 Nov 08 j 05:46	9°♍35'31	3°28'42
minimum elong	-9848 Nov 08 j 02:06	9°♍45'06	3°28'08
min. Earth dist.	-9848 Nov 10 j 18:32	6°♍57'22	0.62833 AU
morning rise	-9848 Nov 14 j 09:14	3°♍43'14	
direct	-9848 Nov 21 j 10:54	1°♍03'56	
morning max el	-9848 Dec 05 j 04:42	8°♍37'47	27°36'05
desc. node	-9848 Dec 11 j 21:49	16°♍05'36	
	-9848 Dec 21 j 21:06	0°♎	
morning set	-9847 Jan 07 j 22:57	0°♏23'08	
	-9847 Jan 07 j 18:21	0°♏	
max. Earth dist.	-9847 Jan 13 j 12:59	12°♏00'03	1.33245 AU
superior conj	-9847 Jan 15 j 10:34	16°♏04'33	-1°02'12
minimum elong	-9847 Jan 15 j 12:44	16°♏16'15	1°02'14
	-9847 Jan 21 j 21:55	0°♐	
asc. node	-9847 Jan 22 j 06:54	0°♐47'27	
evening rise	-9847 Jan 22 j 12:30	1°♐16'55	
	-9847 Feb 07 j 15:42	0°♑	
evening max el	-9847 Feb 15 j 14:02	9°♑18'09	23°46'07
retrograde	-9847 Mar 01 j 03:58	16°♑00'16	
evening set	-9847 Mar 05 j 02:55	15°♑25'41	
desc. node	-9847 Mar 09 j 22:26	13°♑22'32	
min. Earth dist.	-9847 Mar 12 j 02:36	12°♑07'32	0.56167 AU
inferior conj	-9847 Mar 14 j 03:18	10°♑53'25	-1°04'38
minimum elong	-9847 Mar 14 j 00:43	10°♑57'23	1°04'24
morning rise	-9847 Mar 23 j 01:17	6°♑49'36	
direct	-9847 Mar 25 j 06:52	6°♑36'47	
morning max el	-9847 Apr 04 j 11:33	11°♑24'22	19°58'18
	-9847 Apr 17 j 07:03	0°♒	
asc. node	-9847 Apr 20 j 06:07	5°♒41'42	
morning set	-9847 Apr 22 j 09:04	9°♒55'49	
superior conj	-9847 Apr 30 j 08:36	26°♒04'55	1°23'47
minimum elong	-9847 Apr 30 j 05:38	25°♒50'05	1°23'04
	-9847 May 02 j 08:07	0°♓	
max. Earth dist.	-9847 May 05 j 14:58	6°♓21'00	1.36754 AU
evening rise	-9847 May 09 j 16:50	13°♓56'05	
	-9847 May 19 j 00:12	0°♈	

desc. node	-9847 Jun 05 j 20:14	26°♈08'59	
	-9847 Jun 08 j 22:48	0°♉	
evening max el	-9847 Jun 14 j 13:41	6°♉10'56	25°44'15
retrograde	-9847 Jun 26 j 19:59	13°♉18'56	
evening set	-9847 Jul 02 j 23:55	10°♉38'29	
min. Earth dist.	-9847 Jul 07 j 05:53	5°♉53'19	0.66511 AU
inferior conj	-9847 Jul 08 j 09:36	4°♉23'55	-2°32'44
minimum elong	-9847 Jul 08 j 12:12	4°♉15'32	2°31'44
	-9847 Jul 12 j 03:24	30°℞♈	
morning rise	-9847 Jul 14 j 00:32	28°♈27'25	
direct	-9847 Jul 17 j 10:11	27°♈20'17	
asc. node	-9847 Jul 17 j 06:47	27°♈20'24	
	-9847 Jul 23 j 01:53	0°♉	
morning max el	-9847 Jul 24 j 15:38	1°♉29'42	19°27'31
	-9847 Aug 13 j 13:46	0°♊	
morning set	-9847 Aug 17 j 13:00	6°♊13'02	
max. Earth dist.	-9847 Aug 31 j 06:59	27°♊51'55	1.44373 AU
desc. node	-9847 Sep 01 j 17:53	0°♋10'30	
	-9847 Sep 01 j 15:14	0°♋	
superior conj	-9847 Sep 03 j 00:40	2°♋13'05	-0°07'48
minimum elong	-9847 Sep 02 j 23:48	2°♋09'37	0°07'07
behind sun begin	-9847 Sep 02 j 13:39	1°♋29'10	
behind sun end	-9847 Sep 03 j 09:57	2°♋50'06	
evening rise	-9847 Sep 17 j 18:08	26°♋10'08	
	-9847 Sep 20 j 01:33	0°♌	
evening max el	-9847 Oct 07 j 00:11	25°♌21'43	18°29'30
asc. node	-9847 Oct 13 j 06:16	29°♌01'54	
retrograde	-9847 Oct 13 j 15:53	29°♌02'47	
evening set	-9847 Oct 16 j 12:40	28°♌17'46	
inferior conj	-9847 Oct 22 j 14:57	22°♌42'32	2°45'31
minimum elong	-9847 Oct 22 j 11:31	22°♌52'27	2°44'53
min. Earth dist.	-9847 Oct 24 j 14:29	20°♌25'36	0.64326 AU
morning rise	-9847 Oct 28 j 09:45	16°♌38'17	
direct	-9847 Nov 04 j 05:20	13°♌51'53	
morning max el	-9847 Nov 17 j 14:04	21°♌25'51	27°15'23
	-9847 Nov 25 j 04:12	0°♍	
desc. node	-9847 Nov 28 j 18:30	4°♍42'48	
	-9847 Dec 14 j 22:45	0°♎	
morning set	-9847 Dec 22 j 16:51	14°♎24'08	
max. Earth dist.	-9847 Dec 27 j 13:55	24°♎12'36	1.34052 AU
	-9847 Dec 30 j 08:29	0°♏	
superior conj	-9847 Dec 30 j 16:55	0°♏44'29	-1°19'49
minimum elong	-9847 Dec 30 j 19:13	0°♏56'42	1°19'47
evening rise	-9846 Jan 06 j 23:17	16°♏08'39	
asc. node	-9846 Jan 09 j 04:09	20°♏40'56	
	-9846 Jan 13 j 23:42	0°♐	
evening max el	-9846 Jan 28 j 09:05	20°♐11'50	22°12'34
retrograde	-9846 Feb 09 j 22:47	26°♐12'46	
evening set	-9846 Feb 13 j 00:23	25°♐52'01	
min. Earth dist.	-9846 Feb 21 j 17:42	21°♐59'56	0.55439 AU
inferior conj	-9846 Feb 22 j 04:31	21°♐44'30	0°41'17
minimum elong	-9846 Feb 22 j 06:18	21°♐41'57	0°40'07
desc. node	-9846 Feb 24 j 19:28	20°♐16'38	
morning rise	-9846 Mar 03 j 13:02	17°♐41'02	
direct	-9846 Mar 06 j 00:04	17°♐27'10	
morning max el	-9846 Mar 17 j 20:51	23°♐06'53	21°15'15
	-9846 Mar 23 j 18:57	0°♑	
morning set	-9846 Apr 06 j 16:38	24°♑39'22	
asc. node	-9846 Apr 07 j 03:02	25°♑32'55	
	-9846 Apr 09 j 06:28	0°♒	
superior conj	-9846 Apr 14 j 05:00	10°♒17'14	1°03'48
minimum elong	-9846 Apr 14 j 02:26	10°♒04'00	1°02'54
max. Earth dist.	-9846 Apr 18 j 02:16	18°♒11'15	1.35272 AU
evening rise	-9846 Apr 22 j 16:05	27°♒06'15	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9846 Apr 24 j 05:04	0°♓	
	-9846 May 12 j 07:38	0°♈	
desc. node	-9846 May 23 j 17:40	14°♈58'47	
evening max el	-9846 May 28 j 00:15	19°♈32'40	26°43'24
retrograde	-9846 Jun 10 j 00:47	26°♈57'52	
evening set	-9846 Jun 16 j 16:33	24°♈10'06	
min. Earth dist.	-9846 Jun 20 j 14:50	20°♈03'48	0.65590 AU
inferior conj	-9846 Jun 22 j 08:06	17°♈59'13	-3°06'01
minimum elong	-9846 Jun 22 j 10:39	17°♈51'30	3°05'22
morning rise	-9846 Jun 28 j 05:00	12°♈16'11	
direct	-9846 Jul 01 j 07:22	11°♈22'06	
asc. node	-9846 Jul 04 j 03:38	12°♈05'48	
morning max el	-9846 Jul 08 j 00:39	15°♈06'29	18°41'16
	-9846 Jul 18 j 19:42	0°♉	
morning set	-9846 Jul 28 j 14:54	15°♉47'41	
	-9846 Aug 06 j 10:51	0°♊	
superior conj	-9846 Aug 13 j 00:42	10°♊26'51	0°39'05
minimum elong	-9846 Aug 13 j 05:24	10°♊45'24	0°39'04
max. Earth dist.	-9846 Aug 13 j 23:38	11°♊57'30	1.44616 AU
desc. node	-9846 Aug 19 j 15:00	20°♊52'09	
	-9846 Aug 25 j 09:33	0°♋	
evening rise	-9846 Aug 29 j 08:13	6°♋15'35	
	-9846 Sep 13 j 13:30	0°♌	
evening max el	-9846 Sep 20 j 11:16	8°♌50'16	19°06'03
retrograde	-9846 Sep 27 j 10:22	12°♌47'59	
asc. node	-9846 Sep 30 j 03:27	12°♌05'39	
evening set	-9846 Sep 30 j 14:14	11°♌50'30	
inferior conj	-9846 Oct 06 j 08:48	6°♌01'13	1°56'22
minimum elong	-9846 Oct 06 j 06:12	6°♌09'19	1°55'57
min. Earth dist.	-9846 Oct 07 j 19:28	4°♌13'12	0.65512 AU
morning rise	-9846 Oct 11 j 21:45	29°♋48'27	
	-9846 Oct 11 j 16:28	30°℞♋	
direct	-9846 Oct 18 j 06:06	27°♋06'55	
	-9846 Oct 25 j 17:37	0°♌	
morning max el	-9846 Oct 31 j 00:04	4°♌31'12	26°26'07
desc. node	-9846 Nov 15 j 15:11	24°♌01'42	
	-9846 Nov 19 j 15:27	0°♍	
morning set	-9846 Dec 05 j 22:36	27°♍43'31	
	-9846 Dec 07 j 03:28	0°♎	
max. Earth dist.	-9846 Dec 10 j 03:56	5°♎51'06	1.35293 AU
superior conj	-9846 Dec 14 j 17:23	15°♎02'04	-1°33'26
minimum elong	-9846 Dec 14 j 19:18	15°♎11'54	1°33'23
	-9846 Dec 21 j 22:27	0°♏	
evening rise	-9846 Dec 22 j 07:46	0°♏47'59	
asc. node	-9846 Dec 27 j 01:26	10°♏15'35	
	-9845 Jan 08 j 24:00	0°♐	
evening max el	-9845 Jan 10 j 11:23	1°♐28'15	20°47'12
retrograde	-9845 Jan 21 j 12:49	6°♐40'06	
evening set	-9845 Jan 24 j 04:20	6°♐23'27	
inferior conj	-9845 Feb 02 j 01:40	2°♐25'13	2°24'28
minimum elong	-9845 Feb 02 j 07:03	2°♐17'23	2°22'29
min. Earth dist.	-9845 Feb 03 j 07:49	1°♐41'24	0.55592 AU
	-9845 Feb 06 j 09:47	30°℞♏	
morning rise	-9845 Feb 11 j 08:26	28°♏06'38	
desc. node	-9845 Feb 11 j 16:23	28°♏02'10	
direct	-9845 Feb 14 j 15:00	27°♏43'04	
	-9845 Feb 22 j 09:16	0°♐	
morning max el	-9845 Feb 27 j 19:21	4°♐10'42	22°46'55
	-9845 Mar 17 j 09:01	0°♑	
morning set	-9845 Mar 22 j 03:36	9°♑37'05	
asc. node	-9845 Mar 25 j 00:01	15°♑37'43	
superior conj	-9845 Mar 29 j 08:31	24°♑54'05	0°41'22
minimum elong	-9845 Mar 29 j 06:47	24°♑44'50	0°40'29
	-9845 Mar 31 j 18:42	0°♒	

max. Earth dist.	-9845 Apr 01 j 00:04	0°♒27'56	1.34139 AU
evening rise	-9845 Apr 06 j 04:51	11°♒00'08	
	-9845 Apr 16 j 13:51	0°♓	
	-9845 May 07 j 19:29	0°♈	
evening max el	-9845 May 10 j 11:12	2°♈44'08	27°19'02
desc. node	-9845 May 10 j 15:02	2°♈53'26	
retrograde	-9845 May 24 j 00:02	10°♈15'34	
evening set	-9845 May 30 j 23:04	7°♈32'00	
min. Earth dist.	-9845 Jun 03 j 15:53	4°♈01'20	0.64281 AU
inferior conj	-9845 Jun 05 j 23:38	1°♈27'32	-3°29'46
minimum elong	-9845 Jun 06 j 01:31	1°♈22'20	3°29'35
	-9845 Jun 07 j 07:50	30°℞♓	
morning rise	-9845 Jun 12 j 04:33	26°♓00'41	
direct	-9845 Jun 15 j 01:25	25°♓17'27	
asc. node	-9845 Jun 21 j 00:27	28°♓14'26	
morning max el	-9845 Jun 21 j 13:20	28°♓45'42	18°12'05
	-9845 Jun 22 j 17:09	0°♈	
morning set	-9845 Jul 09 j 18:33	26°♈34'43	
	-9845 Jul 11 j 19:09	0°♉	
superior conj	-9845 Jul 23 j 07:50	19°♉03'04	1°18'05
minimum elong	-9845 Jul 23 j 14:19	19°♉29'19	1°17'52
max. Earth dist.	-9845 Jul 27 j 15:44	26°♉00'13	1.44154 AU
	-9845 Jul 30 j 04:06	0°♊	
desc. node	-9845 Aug 06 j 12:13	11°♊31'22	
evening rise	-9845 Aug 08 j 20:58	15°♊12'05	
	-9845 Aug 18 j 11:38	0°♋	
greatest brilliancy	-9845 Aug 21 j 16:09	4°♋48'56	-0.7m
evening max el	-9845 Sep 03 j 17:44	22°♋18'35	19°58'28
retrograde	-9845 Sep 11 j 06:53	26°♋41'38	
evening set	-9845 Sep 14 j 20:12	25°♋28'18	
asc. node	-9845 Sep 17 j 00:33	23°♋33'15	
inferior conj	-9845 Sep 20 j 08:45	19°♋28'00	1°04'31
minimum elong	-9845 Sep 20 j 07:17	19°♋32'52	1°04'30
min. Earth dist.	-9845 Sep 21 j 07:36	18°♋12'40	0.66382 AU
morning rise	-9845 Sep 25 j 18:06	13°♋10'11	
direct	-9845 Oct 01 j 12:25	10°♋42'00	
morning max el	-9845 Oct 13 j 09:33	17°♋44'01	25°16'14
	-9845 Oct 23 j 18:01	0°♌	
desc. node	-9845 Nov 02 j 11:54	13°♌50'23	
	-9845 Nov 12 j 15:23	0°♍	
morning set	-9845 Nov 18 j 11:25	10°♍07'41	
max. Earth dist.	-9845 Nov 22 j 07:43	17°♍09'42	1.36948 AU
superior conj	-9845 Nov 28 j 09:04	28°♍48'34	-1°41'29
minimum elong	-9845 Nov 28 j 09:55	28°♍52'42	1°41'22
	-9845 Nov 28 j 23:30	0°♎	
evening rise	-9845 Dec 06 j 12:05	15°♎09'22	
asc. node	-9845 Dec 13 j 22:43	29°♎24'20	
	-9845 Dec 14 j 06:53	0°♏	
evening max el	-9845 Dec 23 j 23:31	13°♏17'32	19°37'34
retrograde	-9844 Jan 02 j 10:46	17°♏45'39	
evening set	-9844 Jan 04 j 23:27	17°♏28'00	
inferior conj	-9844 Jan 13 j 08:03	13°♏21'49	3°37'58
minimum elong	-9844 Jan 13 j 12:55	13°♏13'58	3°36'46
min. Earth dist.	-9844 Jan 15 j 21:22	11°♏43'40	0.56573 AU
morning rise	-9844 Jan 22 j 00:15	8°♏38'54	
direct	-9844 Jan 26 j 13:35	7°♏52'10	
desc. node	-9844 Jan 29 j 13:15	8°♏12'43	
morning max el	-9844 Feb 09 j 10:56	14°♏51'44	24°24'17
	-9844 Feb 21 j 08:40	0°♐	
morning set	-9844 Mar 05 j 16:01	24°♐41'37	
	-9844 Mar 08 j 04:00	0°♑	
asc. node	-9844 Mar 10 j 21:03	5°♑50'46	
superior conj	-9844 Mar 12 j 16:42	9°♑46'46	0°17'47
minimum elong	-9844 Mar 12 j 15:58	9°♑42'45	0°17'04

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9844 Mar 14 j 06:37	13°♉10'38	1.33352 AU
evening rise	-9844 Mar 20 j 03:04	25°♉23'59	
	-9844 Mar 22 j 10:33	0°♒	
	-9844 Apr 09 j 02:28	0°♓	
evening max el	-9844 Apr 21 j 20:22	15°♓32'04	27°24'59
desc. node	-9844 Apr 26 j 12:21	19°♓29'26	
retrograde	-9844 May 05 j 16:56	23°♓03'06	
evening set	-9844 May 12 j 16:04	20°♓36'54	
min. Earth dist.	-9844 May 16 j 07:40	17°♓33'41	0.62609 AU
inferior conj	-9844 May 19 j 05:16	14°♓42'13	-3°40'26
minimum elong	-9844 May 19 j 05:42	14°♓41'08	3°40'39
morning rise	-9844 May 25 j 20:32	9°♓34'02	
direct	-9844 May 28 j 13:11	9°♓00'01	
morning max el	-9844 Jun 04 j 03:22	12°♓22'15	18°00'57
asc. node	-9844 Jun 06 j 21:16	15°♓29'55	
	-9844 Jun 16 j 02:25	0°♈	
morning set	-9844 Jun 20 j 21:31	8°♈27'54	
superior conj	-9844 Jul 02 j 14:45	28°♈49'37	1°41'42
minimum elong	-9844 Jul 02 j 18:39	29°♈06'02	1°41'42
	-9844 Jul 03 j 07:29	0°♉	
max. Earth dist.	-9844 Jul 09 j 04:22	9°♉42'04	1.43049 AU
evening rise	-9844 Jul 17 j 21:39	23°♉35'22	
	-9844 Jul 22 j 01:00	0°♊	
desc. node	-9844 Jul 23 j 09:30	2°♊04'25	
	-9844 Aug 11 j 19:10	0°♋	
evening max el	-9844 Aug 16 j 17:44	5°♋43'39	21°04'44
retrograde	-9844 Aug 25 j 03:26	10°♋40'41	
evening set	-9844 Aug 29 j 04:20	9°♋08'34	
asc. node	-9844 Sep 02 j 21:36	3°♋51'27	
inferior conj	-9844 Sep 03 j 12:39	3°♋00'13	0°12'15
minimum elong	-9844 Sep 03 j 12:22	3°♋01'11	0°12'42
transit middle	-9844 Sep 03 j 12:22	3°♋01'11	0°12'42
transit begin	-9844 Sep 03 j 10:39	3°♋07'04	
transit end	-9844 Sep 03 j 14:05	2°♋55'19	
min. Earth dist.	-9844 Sep 04 j 00:39	2°♋19'15	0.66944 AU
	-9844 Sep 05 j 18:38	30°℞♊	
morning rise	-9844 Sep 08 j 20:16	26°♊40'49	
direct	-9844 Sep 13 j 23:49	24°♊30'31	
	-9844 Sep 23 j 19:20	0°♋	
morning max el	-9844 Sep 24 j 19:17	0°♋59'07	23°54'43
	-9844 Oct 16 j 17:56	0°♌	
desc. node	-9844 Oct 19 j 08:42	4°♌00'09	
morning set	-9844 Oct 30 j 01:46	21°♌22'31	
max. Earth dist.	-9844 Nov 03 j 06:14	28°♌38'06	1.38883 AU
	-9844 Nov 04 j 00:41	0°♍	
superior conj	-9844 Nov 10 j 12:08	11°♍53'01	-1°41'54
minimum elong	-9844 Nov 10 j 11:09	11°♍48'20	1°41'37
evening rise	-9844 Nov 19 j 09:56	29°♍06'55	
	-9844 Nov 19 j 20:50	0°♎	
asc. node	-9844 Nov 29 j 20:01	17°♎58'36	
evening max el	-9844 Dec 05 j 21:32	25°♎40'15	18°47'23
retrograde	-9844 Dec 14 j 01:34	29°♎37'03	
evening set	-9844 Dec 16 j 13:36	29°♎16'18	
inferior conj	-9844 Dec 24 j 08:17	24°♎52'09	4°11'56
minimum elong	-9844 Dec 24 j 09:49	24°♎49'18	4°11'40
min. Earth dist.	-9844 Dec 27 j 12:36	22°♎31'45	0.58146 AU
morning rise	-9843 Jan 01 j 04:02	19°♎44'37	
direct	-9843 Jan 06 j 23:53	18°♎22'17	
desc. node	-9843 Jan 15 j 10:03	21°♎06'46	
morning max el	-9843 Jan 21 j 02:31	25°♎39'04	25°53'10
	-9843 Jan 25 j 04:44	0°♏	
	-9843 Feb 13 j 08:13	0°♐	
morning set	-9843 Feb 18 j 04:09	9°♐46'30	
superior conj	-9843 Feb 25 j 03:37	24°♐48'38	-0°05'59
minimum elong	-9843 Feb 25 j 03:54	24°♐50'07	0°06'28
behind sun begin	-9843 Feb 24 j 23:17	24°♐25'02	
behind sun end	-9843 Feb 25 j 08:30	25°♐15'12	
asc. node	-9843 Feb 25 j 18:09	26°♐07'50	
max. Earth dist.	-9843 Feb 25 j 18:34	26°♐10'02	1.32896 AU
	-9843 Feb 27 j 12:56	0°♑	
evening rise	-9843 Mar 04 j 07:45	10°♑07'48	
	-9843 Mar 14 j 18:37	0°♒	
evening max el	-9843 Apr 04 j 01:15	27°♒45'38	26°58'15
	-9843 Apr 06 j 13:05	0°♓	
desc. node	-9843 Apr 13 j 09:37	4°♓16'10	
retrograde	-9843 Apr 18 j 02:38	5°♓12'42	
evening set	-9843 Apr 24 j 16:09	3°♓16'03	
min. Earth dist.	-9843 Apr 28 j 14:20	0°♓26'54	0.60672 AU
	-9843 Apr 29 j 03:12	30°℞♒	
inferior conj	-9843 May 01 j 21:35	27°♒35'48	-3°32'52
minimum elong	-9843 May 01 j 19:55	27°♒39'24	3°33'06
morning rise	-9843 May 09 j 01:50	22°♒47'57	
direct	-9843 May 11 j 14:47	22°♒21'57	
morning max el	-9843 May 18 j 16:08	25°♒49'53	18°08'34
	-9843 May 22 j 06:08	0°♓	
asc. node	-9843 May 24 j 18:07	3°♓37'53	
morning set	-9843 Jun 03 j 19:05	21°♓16'22	
	-9843 Jun 08 j 12:26	0°♈	
superior conj	-9843 Jun 14 j 00:53	9°♈57'45	1°49'49
minimum elong	-9843 Jun 14 j 01:18	9°♈59'35	1°49'51
max. Earth dist.	-9843 Jun 21 j 11:01	22°♈46'11	1.41456 AU
	-9843 Jun 25 j 20:00	0°♉	
evening rise	-9843 Jun 27 j 08:42	2°♉28'34	
desc. node	-9843 Jul 10 j 06:49	22°♉27'19	
	-9843 Jul 15 j 11:12	0°♊	
evening max el	-9843 Jul 30 j 10:54	19°♊04'53	22°21'26
retrograde	-9843 Aug 08 j 22:19	24°♊42'16	
evening set	-9843 Aug 13 j 12:36	22°♊49'28	
inferior conj	-9843 Aug 18 j 18:36	16°♊35'59	-0°38'41
minimum elong	-9843 Aug 18 j 19:25	16°♊33'09	0°37'50
min. Earth dist.	-9843 Aug 18 j 20:14	16°♊30'21	0.67219 AU
asc. node	-9843 Aug 20 j 18:38	13°♊53'32	
morning rise	-9843 Aug 24 j 02:09	10°♊18'27	
direct	-9843 Aug 28 j 15:41	8°♊27'22	
morning max el	-9843 Sep 07 j 07:22	14°♊15'13	22°30'13
	-9843 Sep 19 j 20:57	0°♋	
desc. node	-9843 Oct 06 j 05:32	24°♋23'55	
	-9843 Oct 09 j 17:58	0°♌	
morning set	-9843 Oct 10 j 13:16	1°♌17'58	
max. Earth dist.	-9843 Oct 16 j 05:45	10°♌42'03	1.40868 AU
superior conj	-9843 Oct 23 j 21:25	24°♌00'34	-1°32'10
minimum elong	-9843 Oct 23 j 18:08	23°♌45'53	1°31'32
	-9843 Oct 27 j 04:45	0°♍	
evening rise	-9843 Nov 02 j 22:20	12°♍32'01	
	-9843 Nov 12 j 16:47	0°♎	
asc. node	-9843 Nov 16 j 17:19	5°♎46'28	
evening max el	-9843 Nov 19 j 03:26	8°♎29'26	18°17'31
retrograde	-9843 Nov 26 j 09:55	12°♎07'55	
evening set	-9843 Nov 28 j 22:22	11°♎42'43	
inferior conj	-9843 Dec 06 j 03:58	6°♎57'21	4°12'10
minimum elong	-9843 Dec 06 j 02:20	7°♎00'51	4°12'03
min. Earth dist.	-9843 Dec 09 j 08:48	4°♎13'55	0.60000 AU
morning rise	-9843 Dec 13 j 04:44	1°♎29'33	
	-9843 Dec 16 j 12:21	30°℞♍	
direct	-9843 Dec 19 j 21:36	29°♍29'08	
	-9843 Dec 23 j 08:47	0°♎	
desc. node	-9842 Jan 02 j 06:49	6°♎17'04	
morning max el	-9842 Jan 02 j 23:03	6°♎55'25	26°59'07
	-9842 Jan 20 j 08:46	0°♏	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9842 Feb 02 j 14:07	24°♏43'54	
	-9842 Feb 05 j 02:06	0°♐	
superior conj	-9842 Feb 09 j 15:29	9°♐52'29	-0°29'03
minimum elong	-9842 Feb 09 j 16:40	9°♐59'00	0°29'19
max. Earth dist.	-9842 Feb 09 j 08:07	9°♐12'18	1.32760 AU
asc. node	-9842 Feb 12 j 15:19	16°♐24'02	
evening rise	-9842 Feb 16 j 16:30	25°♐02'30	
	-9842 Feb 19 j 02:25	0°♑	
	-9842 Mar 08 j 21:38	0°♒	
evening max el	-9842 Mar 17 j 00:31	9°♒20'40	26°00'33
retrograde	-9842 Mar 31 j 03:36	16°♒38'41	
desc. node	-9842 Mar 31 j 06:49	16°♒38'38	
evening set	-9842 Apr 05 j 20:52	15°♒18'17	
min. Earth dist.	-9842 Apr 10 j 13:43	12°♒27'38	0.58674 AU
inferior conj	-9842 Apr 13 j 20:56	9°♒59'23	-3°00'14
minimum elong	-9842 Apr 13 j 17:17	10°♒06'17	3°00'02
morning rise	-9842 Apr 21 j 16:45	5°♒31'42	
direct	-9842 Apr 24 j 01:58	5°♒12'28	
morning max el	-9842 May 02 j 00:46	9°♒00'02	18°35'35
asc. node	-9842 May 11 j 15:00	22°♒26'12	
	-9842 May 15 j 18:08	0°♓	
morning set	-9842 May 18 j 06:43	4°♓49'23	
superior conj	-9842 May 27 j 10:01	22°♓16'27	1°45'53
minimum elong	-9842 May 27 j 08:06	22°♓07'30	1°45'39
	-9842 May 31 j 15:15	0°♈	
max. Earth dist.	-9842 Jun 03 j 12:21	5°♈06'50	1.39603 AU
evening rise	-9842 Jun 07 j 21:11	12°♈37'21	
	-9842 Jun 18 j 16:16	0°♉	
desc. node	-9842 Jun 27 j 04:12	12°♉35'11	
	-9842 Jul 10 j 15:51	0°♊	
evening max el	-9842 Jul 12 j 23:00	2°♊25'45	23°43'12
retrograde	-9842 Jul 23 j 14:18	8°♊43'53	
evening set	-9842 Jul 28 j 19:11	6°♊30'19	
min. Earth dist.	-9842 Aug 02 j 15:55	0°♊45'08	0.67203 AU
inferior conj	-9842 Aug 03 j 00:52	0°♊14'31	-1°26'41
minimum elong	-9842 Aug 03 j 02:37	0°♊08'31	1°25'34
	-9842 Aug 03 j 05:06	30°℞♉	
asc. node	-9842 Aug 07 j 15:36	24°♉40'53	
morning rise	-9842 Aug 08 j 09:58	24°♉02'24	
direct	-9842 Aug 12 j 11:09	22°♉29'47	
morning max el	-9842 Aug 21 j 00:25	27°♉35'27	21°10'26
	-9842 Aug 23 j 05:07	0°♊	
	-9842 Sep 13 j 11:48	0°♋	
morning set	-9842 Sep 20 j 00:29	10°♋05'39	
desc. node	-9842 Sep 23 j 02:27	14°♋57'18	
max. Earth dist.	-9842 Sep 28 j 10:55	23°♋34'07	1.42630 AU
	-9842 Oct 02 j 08:30	0°♌	
superior conj	-9842 Oct 05 j 07:11	4°♌57'18	-1°09'41
minimum elong	-9842 Oct 05 j 02:19	4°♌36'40	1°08'41
evening rise	-9842 Oct 16 j 21:28	25°♌16'13	
	-9842 Oct 19 j 12:51	0°♍	
evening max el	-9842 Nov 02 j 14:34	21°♍37'55	18°07'27
asc. node	-9842 Nov 03 j 14:35	22°♍34'20	
retrograde	-9842 Nov 09 j 08:49	25°♍09'33	
evening set	-9842 Nov 11 j 23:05	24°♍38'18	
inferior conj	-9842 Nov 18 j 16:54	19°♍31'48	3°49'02
minimum elong	-9842 Nov 18 j 13:33	19°♍39'57	3°48'37
min. Earth dist.	-9842 Nov 21 j 12:57	16°♍46'31	0.61855 AU
morning rise	-9842 Nov 25 j 02:56	13°♍47'46	
direct	-9842 Dec 02 j 04:41	11°♍18'21	
morning max el	-9842 Dec 16 j 01:46	18°♍50'16	27°32'38
desc. node	-9842 Dec 20 j 03:34	23°♍09'13	
	-9842 Dec 25 j 15:23	0°♎	
	-9841 Jan 13 j 01:20	0°♏	

morning set	-9841 Jan 17 j 19:54	9°♏26'18	
max. Earth dist.	-9841 Jan 23 j 19:41	22°♏04'39	1.32963 AU
superior conj	-9841 Jan 25 j 02:37	24°♏52'11	-0°50'42
minimum elong	-9841 Jan 25 j 04:31	25°♏02'30	0°50'48
	-9841 Jan 27 j 11:15	0°♐	
asc. node	-9841 Jan 30 j 12:30	6°♐35'09	
evening rise	-9841 Feb 01 j 03:23	10°♐01'09	
	-9841 Feb 11 j 13:26	0°♑	
evening max el	-9841 Feb 26 j 19:05	20°♑24'24	24°39'05
retrograde	-9841 Mar 12 j 17:03	27°♑23'02	
evening set	-9841 Mar 17 j 07:16	26°♑35'13	
desc. node	-9841 Mar 18 j 03:59	26°♑16'05	
min. Earth dist.	-9841 Mar 23 j 08:19	23°♑30'13	0.56930 AU
inferior conj	-9841 Mar 26 j 00:41	21°♑45'26	-1°56'06
minimum elong	-9841 Mar 25 j 20:47	21°♑51'50	1°55'35
morning rise	-9841 Apr 03 j 13:27	17°♑34'35	
direct	-9841 Apr 05 j 19:31	17°♑20'13	
morning max el	-9841 Apr 15 j 02:13	21°♑42'18	19°22'23
	-9841 Apr 21 j 17:47	0°♒	
asc. node	-9841 Apr 28 j 11:53	11°♒44'44	
morning set	-9841 May 02 j 04:25	18°♒56'29	
	-9841 May 07 j 17:29	0°♓	
superior conj	-9841 May 10 j 12:27	5°♓29'27	1°33'32
minimum elong	-9841 May 10 j 09:33	5°♓15'22	1°32'58
max. Earth dist.	-9841 May 16 j 13:09	16°♓56'34	1.37745 AU
evening rise	-9841 May 20 j 12:30	24°♓07'29	
	-9841 May 23 j 21:33	0°♈	
	-9841 Jun 12 j 08:09	0°♉	
desc. node	-9841 Jun 14 j 01:37	2°♉20'47	
evening max el	-9841 Jun 25 j 09:00	15°♉48'48	25°02'51
retrograde	-9841 Jul 07 j 02:18	22°♉41'06	
evening set	-9841 Jul 12 j 22:06	20°♉09'09	
min. Earth dist.	-9841 Jul 17 j 09:14	15°♉01'21	0.66868 AU
inferior conj	-9841 Jul 18 j 05:39	13°♉53'37	-2°10'16
minimum elong	-9841 Jul 18 j 08:02	13°♉45'40	2°09'09
morning rise	-9841 Jul 23 j 17:57	7°♉50'22	
asc. node	-9841 Jul 25 j 12:32	6°♉53'57	
direct	-9841 Jul 27 j 08:45	6°♉34'26	
morning max el	-9841 Aug 03 j 23:59	11°♉02'04	20°01'05
	-9841 Aug 18 j 01:06	0°♊	
morning set	-9841 Aug 30 j 02:13	18°♊29'44	
	-9841 Sep 06 j 10:34	0°♋	
desc. node	-9841 Sep 09 j 23:26	5°♋36'13	
max. Earth dist.	-9841 Sep 10 j 22:41	7°♋08'58	1.43922 AU
superior conj	-9841 Sep 15 j 13:15	14°♋33'48	-0°33'32
minimum elong	-9841 Sep 15 j 09:44	14°♋19'32	0°32'32
	-9841 Sep 24 j 21:22	0°♌	
evening rise	-9841 Sep 29 j 02:26	7°♌08'16	
	-9841 Oct 13 j 02:31	0°♍	
evening max el	-9841 Oct 17 j 03:53	4°♍58'24	18°16'19
asc. node	-9841 Oct 21 j 11:49	8°♍06'16	
retrograde	-9841 Oct 23 j 18:14	8°♍33'11	
evening set	-9841 Oct 26 j 12:08	7°♍53'48	
inferior conj	-9841 Nov 01 j 19:36	2°♍28'08	3°11'20
minimum elong	-9841 Nov 01 j 15:56	2°♍38'09	3°10'42
min. Earth dist.	-9841 Nov 04 j 02:49	29°♌57'52	0.63508 AU
	-9841 Nov 04 j 02:00	30°℞♌	
morning rise	-9841 Nov 07 j 19:01	26°♌30'41	
direct	-9841 Nov 14 j 19:08	23°♌46'38	
	-9841 Nov 26 j 23:01	0°♍	
morning max el	-9841 Nov 28 j 09:16	1°♍20'46	27°31'12
desc. node	-9841 Dec 07 j 00:16	11°♍14'11	
	-9841 Dec 19 j 17:34	0°♎	
morning set	-9840 Jan 01 j 19:01	23°♎45'10	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9840 Jan 04 j 20:54	0°♏	
max. Earth dist.	-9840 Jan 07 j 01:34	4°♏34'50	1.33536 AU
superior conj	-9840 Jan 09 j 11:17	9°♏41'26	-1°10'04
minimum elong	-9840 Jan 09 j 13:34	9°♏53'40	1°10'05
evening rise	-9840 Jan 16 j 14:41	24°♏57'28	
asc. node	-9840 Jan 17 j 09:43	26°♏36'44	
	-9840 Jan 19 j 01:19	0°♐	
	-9840 Feb 07 j 05:50	0°♑	
evening max el	-9840 Feb 08 j 12:31	1°♑15'29	23°06'05
retrograde	-9840 Feb 21 j 17:33	7°♑40'57	
evening set	-9840 Feb 25 j 06:21	7°♑13'42	
min. Earth dist.	-9840 Mar 04 j 00:08	3°♑43'13	0.55758 AU
desc. node	-9840 Mar 04 j 01:04	3°♑41'51	
inferior conj	-9840 Mar 05 j 09:49	2°♑53'52	-0°21'22
minimum elong	-9840 Mar 05 j 08:53	2°♑55'14	0°21'39
	-9840 Mar 10 j 21:23	30°℞♐	
morning rise	-9840 Mar 14 j 13:22	28°♐51'55	
direct	-9840 Mar 16 j 20:10	28°♐39'14	
	-9840 Mar 22 j 10:21	0°♑	
morning max el	-9840 Mar 27 j 17:51	3°♑48'21	20°28'48
	-9840 Apr 13 j 15:35	0°♒	
asc. node	-9840 Apr 14 j 08:48	1°♒26'19	
morning set	-9840 Apr 15 j 09:11	3°♒29'42	
superior conj	-9840 Apr 23 j 03:25	19°♒23'51	1°15'42
minimum elong	-9840 Apr 23 j 00:33	19°♒09'19	1°14'53
max. Earth dist.	-9840 Apr 27 j 19:39	28°♒41'23	1.36090 AU
	-9840 Apr 28 j 11:54	0°♓	
evening rise	-9840 May 02 j 01:48	6°♓46'17	
	-9840 May 15 j 15:51	0°♈	
desc. node	-9840 May 30 j 23:01	21°♈34'38	
evening max el	-9840 Jun 06 j 19:13	29°♈13'05	26°11'46
	-9840 Jun 07 j 14:36	0°♉	
retrograde	-9840 Jun 19 j 09:44	6°♉28'54	
evening set	-9840 Jun 25 j 19:12	3°♉44'17	
	-9840 Jun 29 j 07:26	30°℞♈	
min. Earth dist.	-9840 Jun 29 j 21:47	29°♈15'48	0.66176 AU
inferior conj	-9840 Jul 01 j 07:03	27°♈31'15	-2°47'51
minimum elong	-9840 Jul 01 j 09:42	27°♈22'56	2°46'58
morning rise	-9840 Jul 07 j 00:18	21°♈40'08	
direct	-9840 Jul 10 j 06:44	20°♈38'40	
asc. node	-9840 Jul 11 j 09:25	20°♈45'34	
morning max el	-9840 Jul 17 j 05:58	24°♈35'54	19°05'47
	-9840 Jul 21 j 17:33	0°♉	
morning set	-9840 Aug 08 j 15:16	27°♉28'24	
	-9840 Aug 10 j 05:30	0°♊	
max. Earth dist.	-9840 Aug 23 j 14:59	21°♊10'40	1.44572 AU
superior conj	-9840 Aug 24 j 19:35	23°♊03'49	0°12'20
minimum elong	-9840 Aug 24 j 21:11	23°♊10'11	0°12'42
behind sun begin	-9840 Aug 24 j 13:56	22°♊41'28	
behind sun end	-9840 Aug 25 j 04:26	23°♊38'54	
desc. node	-9840 Aug 26 j 20:30	26°♊17'43	
	-9840 Aug 29 j 04:25	0°♋	
evening rise	-9840 Sep 09 j 07:56	17°♋55'58	
	-9840 Sep 16 j 18:16	0°♌	
evening max el	-9840 Sep 29 j 16:32	18°♌25'06	18°43'01
retrograde	-9840 Oct 06 j 10:25	22°♌12'05	
asc. node	-9840 Oct 07 j 09:01	22°♌07'05	
evening set	-9840 Oct 09 j 10:02	21°♌21'59	
inferior conj	-9840 Oct 15 j 08:47	15°♌40'07	2°25'09
minimum elong	-9840 Oct 15 j 05:39	15°♌49'29	2°24'35
min. Earth dist.	-9840 Oct 17 j 02:36	13°♌35'11	0.64870 AU
morning rise	-9840 Oct 21 j 00:48	9°♌31'59	
direct	-9840 Oct 27 j 16:03	6°♌46'43	
morning max el	-9840 Nov 09 j 19:09	14°♌17'14	26°57'37
desc. node	-9840 Nov 22 j 20:56	0°♍10'26	
	-9840 Nov 22 j 17:57	0°♍	
	-9840 Dec 11 j 08:23	0°♎	
morning set	-9840 Dec 15 j 08:13	7°♎29'30	
max. Earth dist.	-9840 Dec 19 j 22:19	16°♎33'33	1.34526 AU
superior conj	-9840 Dec 23 j 15:24	24°♎12'22	-1°26'11
minimum elong	-9840 Dec 23 j 17:37	24°♎23'58	1°26'08
	-9840 Dec 26 j 09:31	0°♏	
evening rise	-9840 Dec 31 j 00:42	9°♏44'33	
asc. node	-9839 Jan 03 j 06:57	16°♏22'54	
	-9839 Jan 10 j 19:40	0°♐	
evening max el	-9839 Jan 20 j 10:00	12°♐16'01	21°34'42
retrograde	-9839 Feb 01 j 09:00	17°♐56'33	
evening set	-9839 Feb 04 j 05:18	17°♐38'15	
inferior conj	-9839 Feb 13 j 07:35	13°♐36'42	1°27'11
minimum elong	-9839 Feb 13 j 11:16	13°♐31'27	1°25'29
min. Earth dist.	-9839 Feb 13 j 14:23	13°♐27'01	0.55393 AU
desc. node	-9839 Feb 18 j 22:02	10°♐41'45	
morning rise	-9839 Feb 22 j 17:10	9°♐29'05	
direct	-9839 Feb 25 j 10:43	9°♐12'31	
morning max el	-9839 Mar 09 j 22:20	15°♐13'14	21°52'53
	-9839 Mar 21 j 02:47	0°♑	
morning set	-9839 Mar 30 j 18:28	18°♑20'19	
asc. node	-9839 Apr 01 j 05:44	21°♑23'58	
	-9839 Apr 05 j 07:47	0°♒	
superior conj	-9839 Apr 07 j 03:12	3°♒47'46	0°54'29
minimum elong	-9839 Apr 07 j 00:57	3°♒36'00	0°53'35
max. Earth dist.	-9839 Apr 10 j 11:34	10°♒42'29	1.34748 AU
evening rise	-9839 Apr 15 j 07:21	20°♒16'30	
	-9839 Apr 20 j 12:31	0°♓	
	-9839 May 09 j 14:10	0°♈	
desc. node	-9839 May 17 j 20:25	10°♈03'08	
evening max el	-9839 May 20 j 06:01	12°♈31'20	27°01'41
retrograde	-9839 Jun 02 j 12:08	20°♈00'03	
evening set	-9839 Jun 09 j 07:54	17°♈12'13	
min. Earth dist.	-9839 Jun 13 j 03:25	13°♈22'04	0.65089 AU
inferior conj	-9839 Jun 15 j 02:54	11°♈03'54	-3°17'26
minimum elong	-9839 Jun 15 j 05:16	10°♈57'01	3°16'59
morning rise	-9839 Jun 21 j 02:59	5°♈27'43	
direct	-9839 Jun 24 j 02:51	4°♈38'30	
asc. node	-9839 Jun 28 j 06:15	6°♈08'19	
morning max el	-9839 Jun 30 j 16:54	8°♈14'32	18°26'43
	-9839 Jul 15 j 14:05	0°♉	
morning set	-9839 Jul 20 j 04:04	7°♉33'48	
	-9839 Aug 02 j 23:57	0°♊	
superior conj	-9839 Aug 03 j 19:50	1°♊19'13	0°57'16
minimum elong	-9839 Aug 04 j 01:58	1°♊43'36	0°57'03
max. Earth dist.	-9839 Aug 06 j 08:09	5°♊18'40	1.44504 AU
desc. node	-9839 Aug 13 j 17:40	16°♊58'43	
evening rise	-9839 Aug 20 j 10:38	27°♊30'48	
	-9839 Aug 22 j 00:41	0°♋	
greatest brilliancy	-9839 Aug 30 j 12:09	13°♋13'03	-0.8m
	-9839 Sep 11 j 08:35	0°♌	
evening max el	-9839 Sep 13 j 01:51	1°♌53'49	19°26'28
retrograde	-9839 Sep 20 j 06:13	6°♌01'37	
evening set	-9839 Sep 23 j 13:47	4°♌57'46	
asc. node	-9839 Sep 24 j 06:09	4°♌29'03	
	-9839 Sep 28 j 11:42	30°℞♋	
inferior conj	-9839 Sep 29 j 05:33	29°♋03'09	1°34'35
minimum elong	-9839 Sep 29 j 03:24	29°♋10'00	1°34'18
min. Earth dist.	-9839 Sep 30 j 10:59	27°♋28'52	0.65914 AU
morning rise	-9839 Oct 04 j 16:42	22°♋47'37	
direct	-9839 Oct 10 j 19:07	20°♋11'13	
morning max el	-9839 Oct 23 j 05:16	27°♋28'02	25°58'28

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9839 Oct 25 j 15:18	0°♌	
desc. node	-9839 Nov 09 j 17:38	19°♌43'21	
	-9839 Nov 16 j 09:55	0°♍	
morning set	-9839 Nov 28 j 07:26	20°♍27'23	
max. Earth dist.	-9839 Dec 02 j 07:57	28°♍02'06	1.35949 AU
	-9839 Dec 03 j 08:17	0°♎	
superior conj	-9839 Dec 07 j 12:31	8°♎17'41	-1°37'39
minimum elong	-9839 Dec 07 j 14:04	8°♎25'31	1°37'35
evening rise	-9839 Dec 15 j 07:40	24°♎16'59	
	-9839 Dec 18 j 03:51	0°♏	
asc. node	-9839 Dec 21 j 04:13	5°♏47'23	
evening max el	-9838 Jan 02 j 16:11	23°♏45'07	20°15'20
retrograde	-9838 Jan 13 j 01:22	28°♏37'42	
evening set	-9838 Jan 15 j 14:53	28°♏21'09	
inferior conj	-9838 Jan 24 j 07:10	24°♏21'00	3°00'21
minimum elong	-9838 Jan 24 j 12:51	24°♏12'24	2°58'34
min. Earth dist.	-9838 Jan 26 j 04:12	23°♏13'10	0.55914 AU
morning rise	-9838 Feb 02 j 08:59	19°♏52'22	
desc. node	-9838 Feb 05 j 18:56	19°♏21'16	
direct	-9838 Feb 06 j 03:30	19°♏20'59	
morning max el	-9838 Feb 19 j 17:20	26°♏04'42	23°28'28
	-9838 Feb 23 j 09:48	0°♐	
	-9838 Mar 13 j 15:21	0°♑	
morning set	-9838 Mar 15 j 06:15	3°♑21'24	
asc. node	-9838 Mar 19 j 02:45	11°♑32'33	
superior conj	-9838 Mar 22 j 08:59	18°♑32'08	0°31'26
minimum elong	-9838 Mar 22 j 07:39	18°♑25'01	0°30'37
max. Earth dist.	-9838 Mar 24 j 13:11	23°♑09'26	1.33758 AU
	-9838 Mar 27 j 20:11	0°♒	
evening rise	-9838 Mar 30 j 00:32	4°♒24'04	
	-9838 Apr 13 j 06:12	0°♓	
evening max el	-9838 May 02 j 16:15	25°♓33'17	27°25'23
desc. node	-9838 May 04 j 17:47	27°♓27'23	
	-9838 May 07 j 23:59	0°♈	
retrograde	-9838 May 16 j 09:01	3°♈06'03	
evening set	-9838 May 23 j 09:09	0°♈27'54	
	-9838 May 23 j 23:27	30°℞♓	
min. Earth dist.	-9838 May 27 j 00:36	27°♓10'23	0.63609 AU
inferior conj	-9838 May 29 j 14:36	24°♓26'54	-3°36'11
minimum elong	-9838 May 29 j 15:58	24°♓23'18	3°36'12
morning rise	-9838 Jun 04 j 23:39	19°♓07'59	
direct	-9838 Jun 07 j 18:30	18°♓29'01	
morning max el	-9838 Jun 14 j 06:32	21°♓53'33	18°05'05
asc. node	-9838 Jun 15 j 03:06	22°♓47'15	
	-9838 Jun 20 j 12:30	0°♈	
morning set	-9838 Jul 01 j 18:08	18°♈49'45	
	-9838 Jul 08 j 06:43	0°♉	
superior conj	-9838 Jul 14 j 11:56	10°♉22'06	1°30'08
minimum elong	-9838 Jul 14 j 17:40	10°♉45'39	1°30'00
max. Earth dist.	-9838 Jul 19 j 22:37	19°♉12'41	1.43750 AU
	-9838 Jul 26 j 17:54	0°♊	
evening rise	-9838 Jul 30 j 15:44	6°♊05'48	
desc. node	-9838 Jul 31 j 14:54	7°♊35'35	
	-9838 Aug 15 j 10:39	0°♋	
evening max el	-9838 Aug 27 j 05:39	15°♋20'29	20°25'09
retrograde	-9838 Sep 04 j 03:03	19°♋57'31	
evening set	-9838 Sep 07 j 20:55	18°♋36'43	
asc. node	-9838 Sep 11 j 03:15	15°♋22'01	
inferior conj	-9838 Sep 13 j 07:27	12°♋32'35	0°42'18
minimum elong	-9838 Sep 13 j 06:29	12°♋35'50	0°42'28
min. Earth dist.	-9838 Sep 14 j 01:38	11°♋31'31	0.66654 AU
morning rise	-9838 Sep 18 j 15:49	6°♋13'23	
direct	-9838 Sep 24 j 03:48	3°♋52'19	
morning max el	-9838 Oct 05 j 14:40	10°♋42'10	24°42'21

	-9838 Oct 21 j 00:40	0°♌	
desc. node	-9838 Oct 27 j 14:23	9°♌41'36	
	-9838 Nov 09 j 02:20	0°♍	
morning set	-9838 Nov 10 j 11:20	2°♍23'36	
max. Earth dist.	-9838 Nov 14 j 08:13	9°♍18'34	1.37746 AU
superior conj	-9838 Nov 20 j 23:20	21°♍47'16	-1°42'44
minimum elong	-9838 Nov 20 j 23:29	21°♍47'59	1°42'35
	-9838 Nov 25 j 03:33	0°♎	
evening rise	-9838 Nov 29 j 09:31	8°♎28'23	
asc. node	-9838 Dec 08 j 01:30	24°♎42'19	
	-9838 Dec 11 j 11:26	0°♏	
evening max el	-9838 Dec 16 j 08:41	5°♏48'53	19°13'47
retrograde	-9838 Dec 25 j 05:37	10°♏01'47	
evening set	-9838 Dec 27 j 17:47	9°♏43'06	
inferior conj	-9837 Jan 04 j 20:30	5°♏30'27	3°57'07
minimum elong	-9837 Jan 05 j 00:06	5°♏24'18	3°56'23
min. Earth dist.	-9837 Jan 07 j 18:27	3°♏31'57	0.57186 AU
morning rise	-9837 Jan 13 j 04:08	0°♏36'20	
	-9837 Jan 15 j 01:23	30°℞♎	
direct	-9837 Jan 18 j 07:14	29°♎35'15	
	-9837 Jan 21 j 13:08	0°♏	
desc. node	-9837 Jan 23 j 15:46	0°♏41'57	
morning max el	-9837 Feb 01 j 08:03	6°♏44'25	25°04'02
	-9837 Feb 18 j 06:41	0°♐	
morning set	-9837 Feb 27 j 18:45	18°♐26'28	
	-9837 Mar 05 j 04:00	0°♑	
asc. node	-9837 Mar 05 j 23:48	1°♑47'37	
superior conj	-9837 Mar 06 j 18:34	3°♑29'29	0°07'42
minimum elong	-9837 Mar 06 j 18:16	3°♑27'49	0°07'04
behind sun begin	-9837 Mar 06 j 13:43	3°♑03'06	
behind sun end	-9837 Mar 06 j 22:49	3°♑52'31	
max. Earth dist.	-9837 Mar 07 j 22:16	5°♑59'25	1.33113 AU
evening rise	-9837 Mar 14 j 01:50	18°♑57'32	
	-9837 Mar 19 j 17:04	0°♒	
	-9837 Apr 07 j 17:47	0°♓	
evening max el	-9837 Apr 14 j 23:58	8°♓08'14	27°17'47
desc. node	-9837 Apr 21 j 15:05	13°♓21'21	
retrograde	-9837 Apr 28 j 23:20	15°♓38'27	
evening set	-9837 May 05 j 19:26	13°♓23'45	
min. Earth dist.	-9837 May 09 j 12:39	10°♓28'07	0.61799 AU
inferior conj	-9837 May 12 j 15:04	7°♓34'12	-3°39'54
minimum elong	-9837 May 12 j 14:40	7°♓35'08	3°40'11
morning rise	-9837 May 19 j 11:31	2°♓34'23	
direct	-9837 May 22 j 02:26	2°♓04'00	
morning max el	-9837 May 28 j 20:23	5°♓27'34	18°01'50
asc. node	-9837 Jun 01 j 23:57	10°♓27'03	
	-9837 Jun 13 j 14:34	0°♈	
morning set	-9837 Jun 14 j 05:44	1°♈08'34	
superior conj	-9837 Jun 25 j 06:45	20°♈44'21	1°46'51
minimum elong	-9837 Jun 25 j 09:06	20°♈54'28	1°46'55
	-9837 Jun 30 j 18:05	0°♉	
max. Earth dist.	-9837 Jul 02 j 08:34	2°♉39'13	1.42420 AU
evening rise	-9837 Jul 09 j 18:17	14°♉34'55	
desc. node	-9837 Jul 18 j 12:13	28°♉05'07	
	-9837 Jul 19 j 18:45	0°♊	
evening max el	-9837 Aug 10 j 02:48	28°♊44'27	21°36'22
	-9837 Aug 11 j 09:53	0°♋	
retrograde	-9837 Aug 18 j 22:59	3°♋57'54	
evening set	-9837 Aug 23 j 05:20	2°♋17'22	
	-9837 Aug 25 j 12:51	30°℞♊	
inferior conj	-9837 Aug 28 j 12:28	26°♊06'43	-0°09'38
minimum elong	-9837 Aug 28 j 12:40	26°♊06'01	0°08'59
transit middle	-9837 Aug 28 j 12:40	26°♊06'01	0°08'59
transit begin	-9837 Aug 28 j 10:25	26°♊13'49	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

transit end	-9837 Aug 28 j 14:56	25°♊58'14	
min. Earth dist.	-9837 Aug 28 j 20:08	25°♊40'22	0.67103 AU
asc. node	-9837 Aug 29 j 00:20	25°♊25'55	
morning rise	-9837 Sep 02 j 19:51	19°♊47'35	
direct	-9837 Sep 07 j 17:24	17°♊45'09	
morning max el	-9837 Sep 18 j 00:53	23°♊56'46	23°18'27
	-9837 Sep 23 j 09:02	0°♋	
desc. node	-9837 Oct 14 j 11:11	29°♋57'48	
	-9837 Oct 14 j 11:45	0°♌	
morning set	-9837 Oct 22 j 14:29	13°♌04'30	
max. Earth dist.	-9837 Oct 27 j 06:01	20°♌57'44	1.39744 AU
	-9837 Nov 01 j 08:34	0°♍	
superior conj	-9837 Nov 03 j 19:31	4°♍29'20	-1°39'10
minimum elong	-9837 Nov 03 j 17:34	4°♍20'21	1°38'47
evening rise	-9837 Nov 13 j 03:42	22°♍12'35	
	-9837 Nov 17 j 06:10	0°♎	
asc. node	-9837 Nov 24 j 22:49	12°♎58'12	
evening max el	-9837 Nov 29 j 10:26	18°♎23'56	18°32'13
retrograde	-9837 Dec 07 j 03:48	22°♎10'55	
evening set	-9837 Dec 09 j 16:04	21°♎48'17	
inferior conj	-9837 Dec 17 j 05:03	17°♎15'23	4°15'32
minimum elong	-9837 Dec 17 j 05:06	17°♎15'17	4°15'25
min. Earth dist.	-9837 Dec 20 j 11:13	14°♎42'33	0.58925 AU
morning rise	-9837 Dec 24 j 16:19	11°♎59'01	
direct	-9837 Dec 30 j 22:53	10°♎19'48	
desc. node	-9836 Jan 10 j 12:34	14°♎37'50	
morning max el	-9836 Jan 14 j 01:03	17°♎40'45	26°24'45
	-9836 Jan 24 j 07:48	0°♏	
	-9836 Feb 10 j 13:47	0°♐	
morning set	-9836 Feb 12 j 06:09	3°♐28'37	
superior conj	-9836 Feb 19 j 06:03	18°♐32'38	-0°15'53
minimum elong	-9836 Feb 19 j 06:44	18°♐36'23	0°16'18
max. Earth dist.	-9836 Feb 19 j 11:23	19°♐01'46	1.32798 AU
asc. node	-9836 Feb 20 j 20:54	22°♐04'31	
	-9836 Feb 24 j 13:14	0°♑	
evening rise	-9836 Feb 26 j 08:30	3°♑46'57	
	-9836 Mar 11 j 13:57	0°♒	
evening max el	-9836 Mar 27 j 02:48	20°♒06'07	26°37'22
desc. node	-9836 Apr 07 j 12:22	27°♒10'53	
retrograde	-9836 Apr 10 j 05:21	27°♒29'23	
evening set	-9836 Apr 16 j 11:23	25°♒48'13	
min. Earth dist.	-9836 Apr 20 j 16:02	23°♒00'09	0.59810 AU
inferior conj	-9836 Apr 24 j 00:37	20°♒16'19	-3°22'35
minimum elong	-9836 Apr 23 j 22:02	20°♒21'38	3°22'41
morning rise	-9836 May 01 j 11:09	15°♒36'50	
direct	-9836 May 03 j 22:36	15°♒13'46	
morning max el	-9836 May 11 j 07:41	18°♒48'23	18°17'41
asc. node	-9836 May 18 j 20:48	28°♒53'21	
	-9836 May 19 j 12:51	0°♓	
morning set	-9836 May 27 j 09:52	14°♓17'36	
	-9836 Jun 04 j 19:40	0°♈	
superior conj	-9836 Jun 06 j 03:20	2°♈24'07	1°49'24
minimum elong	-9836 Jun 06 j 02:35	2°♈20'42	1°49'21
max. Earth dist.	-9836 Jun 13 j 13:09	15°♈26'34	1.40690 AU
evening rise	-9836 Jun 18 j 15:16	23°♈57'38	
	-9836 Jun 22 j 08:51	0°♉	
desc. node	-9836 Jul 04 j 09:36	18°♉22'32	
	-9836 Jul 12 j 16:18	0°♊	
evening max el	-9836 Jul 22 j 17:41	12°♊05'56	22°55'58
retrograde	-9836 Aug 01 j 16:40	18°♊00'14	
evening set	-9836 Aug 06 j 13:08	15°♊58'26	
inferior conj	-9836 Aug 11 j 18:47	9°♊43'52	-0°59'30
minimum elong	-9836 Aug 11 j 20:01	9°♊39'35	0°58'30
min. Earth dist.	-9836 Aug 11 j 15:59	9°♊53'31	0.67258 AU
asc. node	-9836 Aug 14 j 21:21	5°♊40'42	
morning rise	-9836 Aug 17 j 02:49	3°♊28'27	
direct	-9836 Aug 21 j 10:58	1°♊45'18	
morning max el	-9836 Aug 30 j 14:47	7°♊14'18	21°55'18
	-9836 Sep 16 j 22:14	0°♋	
desc. node	-9836 Sep 30 j 08:04	20°♋26'27	
morning set	-9836 Oct 01 j 14:45	22°♋28'12	
	-9836 Oct 06 j 06:37	0°♌	
max. Earth dist.	-9836 Oct 08 j 08:09	3°♌24'26	1.41668 AU
superior conj	-9836 Oct 15 j 19:35	16°♌09'16	-1°24'18
minimum elong	-9836 Oct 15 j 15:25	15°♌51'05	1°23'31
	-9836 Oct 23 j 12:52	0°♍	
evening rise	-9836 Oct 26 j 11:01	5°♍22'08	
	-9836 Nov 10 j 11:58	0°♎	
asc. node	-9836 Nov 10 j 20:07	0°♎22'53	
evening max el	-9836 Nov 11 j 18:57	1°♎22'48	18°10'49
retrograde	-9836 Nov 18 j 19:03	4°♎57'05	
evening set	-9836 Nov 21 j 08:09	4°♎29'24	
	-9836 Nov 27 j 21:15	30°℞♍	
inferior conj	-9836 Nov 28 j 08:31	29°♍34'32	4°04'37
minimum elong	-9836 Nov 28 j 05:58	29°♍40'19	4°04'24
min. Earth dist.	-9836 Dec 01 j 10:15	26°♍48'16	0.60805 AU
morning rise	-9836 Dec 05 j 02:30	23°♍59'36	
direct	-9836 Dec 12 j 00:33	21°♍45'39	
morning max el	-9836 Dec 26 j 00:19	29°♍13'49	27°17'44
	-9836 Dec 26 j 19:07	0°♎	
desc. node	-9836 Dec 27 j 09:18	0°♎36'01	
	-9835 Jan 17 j 01:33	0°♏	
morning set	-9835 Jan 26 j 14:37	18°♏21'06	
	-9835 Feb 01 j 02:10	0°♐	
max. Earth dist.	-9835 Feb 02 j 00:48	2°♐03'02	1.32809 AU
superior conj	-9835 Feb 02 j 17:49	3°♐35'46	-0°38'26
minimum elong	-9835 Feb 02 j 19:20	3°♐44'05	0°38'39
asc. node	-9835 Feb 06 j 18:03	12°♐19'22	
evening rise	-9835 Feb 09 j 18:24	18°♐44'42	
	-9835 Feb 15 j 08:55	0°♑	
	-9835 Mar 07 j 13:03	0°♒	
evening max el	-9835 Mar 08 j 23:46	1°♒26'08	25°28'06
retrograde	-9835 Mar 23 j 01:17	8°♒37'02	
desc. node	-9835 Mar 25 j 09:32	8°♒23'51	
evening set	-9835 Mar 28 j 07:49	7°♒31'19	
min. Earth dist.	-9835 Apr 02 j 12:46	4°♒36'14	0.57888 AU
inferior conj	-9835 Apr 05 j 15:47	2°♒24'24	-2°37'06
minimum elong	-9835 Apr 05 j 11:41	2°♒31'39	2°36'42
	-9835 Apr 09 j 07:04	30°℞♑	
morning rise	-9835 Apr 13 j 18:47	28°♑04'38	
direct	-9835 Apr 16 j 02:42	27°♑47'39	
	-9835 Apr 22 j 09:28	0°♒	
morning max el	-9835 Apr 24 j 13:34	1°♒47'33	18°53'06
asc. node	-9835 May 05 j 17:39	17°♒55'18	
morning set	-9835 May 11 j 02:09	28°♒06'02	
	-9835 May 12 j 01:28	0°♓	
superior conj	-9835 May 19 j 20:27	15°♓07'36	1°41'30
minimum elong	-9835 May 19 j 17:58	14°♓55'49	1°41'07
max. Earth dist.	-9835 May 26 j 13:47	27°♓32'31	1.38800 AU
	-9835 May 27 j 22:57	0°♈	
evening rise	-9835 May 30 j 15:25	4°♈41'08	
	-9835 Jun 15 j 11:19	0°♉	
desc. node	-9835 Jun 21 j 07:01	8°♉21'55	
evening max el	-9835 Jul 05 j 04:25	25°♉27'02	24°17'47
	-9835 Jul 10 j 14:13	0°♊	
retrograde	-9835 Jul 16 j 07:01	2°♊00'44	
	-9835 Jul 21 j 08:18	30°℞♉	
evening set	-9835 Jul 21 j 18:25	29°♉38'34	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9835 Jul 26 j 10:50	24°♉09'14	0.67103 AU	
inferior conj	-9835 Jul 27 j 00:36	23°♉22'36	-1°45'49	
minimum elong	-9835 Jul 27 j 02:40	23°♉15'35	1°44'40	
morning rise	-9835 Aug 01 j 10:54	17°♉14'07		
asc. node	-9835 Aug 01 j 18:19	17°♉00'56		
direct	-9835 Aug 05 j 07:23	15°♉49'02		
morning max el	-9835 Aug 13 j 10:38	20°♉37'32	20°39'29	
	-9835 Aug 21 j 01:13	0°♊		
	-9835 Sep 10 j 04:15	0°♋		
morning set	-9835 Sep 10 j 19:33	0°♋59'29		
desc. node	-9835 Sep 17 j 05:00	11°♋02'48		
max. Earth dist.	-9835 Sep 20 j 16:40	16°♋37'57	1.43247 AU	
superior conj	-9835 Sep 26 j 17:46	26°♋32'06	-0°55'57	
minimum elong	-9835 Sep 26 j 12:59	26°♋12'11	0°54'51	
	-9835 Sep 28 j 19:31	0°♌		
evening rise	-9835 Oct 09 j 03:07	17°♌46'16		
	-9835 Oct 16 j 03:45	0°♍		
evening max el	-9835 Oct 26 j 07:18	14°♍36'58	18°08'54	
asc. node	-9835 Oct 28 j 17:23	16°♍40'42		
retrograde	-9835 Nov 01 j 23:05	18°♍09'13		
evening set	-9835 Nov 04 j 14:34	17°♍34'52		
inferior conj	-9835 Nov 11 j 03:46	12°♍19'42	3°34'24	
minimum elong	-9835 Nov 11 j 00:09	12°♍28'59	3°33'53	
min. Earth dist.	-9835 Nov 13 j 18:31	9°♍39'08	0.62586 AU	
morning rise	-9835 Nov 17 j 08:48	6°♍29'20		
direct	-9835 Nov 24 j 10:42	3°♍52'07		
morning max el	-9835 Dec 08 j 05:37	11°♍25'53	27°36'17	
desc. node	-9835 Dec 14 j 05:59	18°♍02'17		
	-9835 Dec 23 j 01:12	0°♎		
	-9834 Jan 09 j 07:00	0°♏		
morning set	-9834 Jan 10 j 17:54	2°♏54'54		
max. Earth dist.	-9834 Jan 16 j 10:30	14°♏47'58	1.33161 AU	
superior conj	-9834 Jan 18 j 04:06	18°♏31'42	-0°59'15	
minimum elong	-9834 Jan 18 j 06:12	18°♏43'06	0°59'18	
	-9834 Jan 23 j 11:35	0°♐		
asc. node	-9834 Jan 24 j 15:15	2°♐27'02		
evening rise	-9834 Jan 25 j 05:39	3°♐42'56		
	-9834 Feb 08 j 15:20	0°♑		
evening max el	-9834 Feb 18 j 16:57	12°♑20'36	24°00'00	
retrograde	-9834 Mar 04 j 09:30	19°♑07'43		
evening set	-9834 Mar 08 j 12:12	18°♑30'08		
desc. node	-9834 Mar 12 j 06:37	16°♑56'43		
min. Earth dist.	-9834 Mar 15 j 05:47	15°♑15'42	0.56344 AU	
inferior conj	-9834 Mar 17 j 11:04	13°♑53'16	-1°19'02	
minimum elong	-9834 Mar 17 j 08:02	13°♑58'00	1°18'42	
morning rise	-9834 Mar 26 j 06:48	9°♑48'01		
direct	-9834 Mar 28 j 12:16	9°♑34'57		
morning max el	-9834 Apr 07 j 11:11	14°♑15'36	19°48'23	
	-9834 Apr 18 j 16:09	0°♒		
asc. node	-9834 Apr 22 j 14:32	7°♒24'17		
morning set	-9834 Apr 25 j 03:08	12°♒24'54		
superior conj	-9834 May 03 j 04:43	28°♒39'52	1°26'30	
minimum elong	-9834 May 03 j 01:44	28°♒25'06	1°25'49	
	-9834 May 03 j 20:55	0°♓		
max. Earth dist.	-9834 May 08 j 15:52	9°♓15'01	1.37000 AU	
evening rise	-9834 May 12 j 16:44	16°♓42'12		
	-9834 May 20 j 09:03	0°♈		
desc. node	-9834 Jun 08 j 04:25	27°♈55'34		
	-9834 Jun 09 j 19:23	0°♉		
evening max el	-9834 Jun 17 j 14:05	8°♉50'24	25°34'00	
retrograde	-9834 Jun 29 j 17:20	15°♉55'01		
evening set	-9834 Jul 05 j 19:09	13°♉16'32		
min. Earth dist.	-9834 Jul 10 j 02:25	8°♉25'24	0.66610 AU	
inferior conj	-9834 Jul 11 j 04:11	7°♉01'34	-2°27'05	
minimum elong	-9834 Jul 11 j 06:44	6°♉53'14	2°26'02	
morning rise	-9834 Jul 16 j 18:22	1°♉03'10		
	-9834 Jul 19 j 04:26	30°℞♈		
asc. node	-9834 Jul 19 j 15:12	29°♈55'49		
direct	-9834 Jul 20 j 05:16	29°♈53'52		
	-9834 Jul 21 j 06:29	0°♉		
morning max el	-9834 Jul 27 j 13:07	4°♉07'58	19°35'46	
	-9834 Aug 14 j 20:58	0°♊		
morning set	-9834 Aug 20 j 23:49	9°♊32'29		
	-9834 Sep 02 j 23:57	0°♋		
max. Earth dist.	-9834 Sep 03 j 06:24	0°♋25'35	1.44275 AU	
desc. node	-9834 Sep 04 j 02:03	1°♋43'43		
superior conj	-9834 Sep 06 j 12:34	5°♋37'07	-0°14'48	
minimum elong	-9834 Sep 06 j 10:53	5°♋30'25	0°14'00	
behind sun begin	-9834 Sep 06 j 05:07	5°♋07'18		
behind sun end	-9834 Sep 06 j 16:40	5°♋53'32		
evening rise	-9834 Sep 20 j 22:50	29°♋13'09		
	-9834 Sep 21 j 10:04	0°♌		
evening max el	-9834 Oct 09 j 20:40	28°♌01'04	18°25'31	
	-9834 Oct 12 j 02:29	0°♍		
asc. node	-9834 Oct 15 j 14:36	1°♍35'57		
retrograde	-9834 Oct 16 j 11:49	1°♍40'11		
evening set	-9834 Oct 19 j 07:46	0°♍56'47		
	-9834 Oct 20 j 19:59	30°℞♌		
inferior conj	-9834 Oct 25 j 11:21	25°♌24'01	2°52'32	
minimum elong	-9834 Oct 25 j 07:50	25°♌34'03	2°51'53	
min. Earth dist.	-9834 Oct 27 j 12:55	23°♌03'15	0.64126 AU	
morning rise	-9834 Oct 31 j 07:15	19°♌21'25		
direct	-9834 Nov 07 j 04:16	16°♌35'03		
morning max el	-9834 Nov 20 j 14:32	24°♌09'31	27°20'24	
	-9834 Nov 25 j 23:14	0°♍		
desc. node	-9834 Dec 01 j 02:40	6°♍31'31		
	-9834 Dec 16 j 08:18	0°♎		
morning set	-9834 Dec 25 j 13:15	17°♎00'43		
max. Earth dist.	-9834 Dec 30 j 12:40	27°♎04'28	1.33904 AU	
	-9834 Dec 31 j 22:18	0°♏		
superior conj	-9833 Jan 02 j 11:06	3°♏14'09	-1°17'24	
minimum elong	-9833 Jan 02 j 13:25	3°♏26'28	1°17'22	
evening rise	-9833 Jan 09 j 16:35	18°♏35'49		
asc. node	-9833 Jan 11 j 12:28	22°♏22'41		
	-9833 Jan 15 j 09:11	0°♐		
evening max el	-9833 Jan 31 j 11:27	23°♐13'01	22°26'15	
retrograde	-9833 Feb 13 j 05:38	29°♐20'33		
evening set	-9833 Feb 16 j 09:40	28°♐58'33		
min. Earth dist.	-9833 Feb 24 j 21:10	25°♐12'35	0.55493 AU	
inferior conj	-9833 Feb 25 j 14:02	24°♐48'24	0°24'39	
minimum elong	-9833 Feb 25 j 15:05	24°♐46'52	0°23'45	
desc. node	-9833 Feb 27 j 03:37	23°♐55'00		
morning rise	-9833 Mar 06 j 21:36	20°♐45'43		
direct	-9833 Mar 09 j 07:06	20°♐32'23		
morning max el	-9833 Mar 20 j 22:08	26°♐04'22	21°02'39	
	-9833 Mar 24 j 13:10	0°♑		
morning set	-9833 Apr 09 j 10:02	27°♑06'03		
asc. node	-9833 Apr 09 j 11:26	27°♑13'12		
	-9833 Apr 10 j 19:47	0°♒		
superior conj	-9833 Apr 16 j 23:48	12°♒47'53	1°07'00	
minimum elong	-9833 Apr 16 j 21:08	12°♒34'12	1°06'08	
max. Earth dist.	-9833 Apr 21 j 01:48	21°♒03'13	1.35474 AU	
evening rise	-9833 Apr 25 j 13:35	29°♒44'56		
	-9833 Apr 25 j 16:47	0°♓		
	-9833 May 13 j 12:08	0°♈		
desc. node	-9833 May 26 j 01:49	16°♈52'10		
evening max el	-9833 May 31 j 00:35	22°♈13'10	26°35'56	
retrograde	-9833 Jun 12 j 22:46	29°♈36'15		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9833 Jun 19 j 13:00	26°♈49'06	
min. Earth dist.	-9833 Jun 23 j 12:23	22°♈37'00	0.65752 AU
inferior conj	-9833 Jun 25 j 03:30	20°♈37'35	-3°01'33
minimum elong	-9833 Jun 25 j 06:06	20°♈29'38	3°00'51
morning rise	-9833 Jun 30 j 23:22	14°♈52'15	
direct	-9833 Jul 04 j 02:44	13°♈56'18	
asc. node	-9833 Jul 06 j 12:02	14°♈27'24	
morning max el	-9833 Jul 10 j 21:21	17°♈43'46	18°47'05
	-9833 Jul 20 j 00:55	0°♉	
morning set	-9833 Jul 31 j 22:04	18°♉56'51	
	-9833 Aug 07 j 19:32	0°♊	
superior conj	-9833 Aug 16 j 13:27	13°♊52'49	0°32'16
minimum elong	-9833 Aug 16 j 17:26	14°♊08'32	0°32'18
max. Earth dist.	-9833 Aug 16 j 22:55	14°♊30'14	1.44627 AU
desc. node	-9833 Aug 21 j 23:11	22°♊25'31	
	-9833 Aug 26 j 17:55	0°♋	
evening rise	-9833 Sep 01 j 16:54	9°♋29'21	
	-9833 Sep 14 j 16:27	0°♌	
evening max el	-9833 Sep 23 j 08:16	11°♌29'24	18°59'36
retrograde	-9833 Sep 30 j 05:45	15°♌23'57	
asc. node	-9833 Oct 02 j 11:46	14°♌54'53	
evening set	-9833 Oct 03 j 08:29	14°♌28'25	
inferior conj	-9833 Oct 09 j 04:04	8°♌41'03	2°04'05
minimum elong	-9833 Oct 09 j 01:19	8°♌49'32	2°03'36
min. Earth dist.	-9833 Oct 10 j 16:34	6°♌48'31	0.65356 AU
morning rise	-9833 Oct 14 j 17:45	2°♌29'29	
	-9833 Oct 19 j 06:42	30°℞♋	
direct	-9833 Oct 21 j 04:02	29°♋46'38	
	-9833 Oct 23 j 03:09	0°♌	
morning max el	-9833 Nov 03 j 00:28	7°♌12'41	26°35'01
desc. node	-9833 Nov 17 j 23:23	25°♌45'12	
	-9833 Nov 20 j 20:51	0°♍	
morning set	-9833 Dec 08 j 21:07	0°♎27'21	
	-9833 Dec 08 j 15:19	0°♎	
max. Earth dist.	-9833 Dec 13 j 04:29	8°♎48'25	1.35078 AU
superior conj	-9833 Dec 17 j 12:38	17°♎35'59	-1°31'43
minimum elong	-9833 Dec 17 j 14:39	17°♎46'24	1°31'39
	-9833 Dec 23 j 11:25	0°♏	
evening rise	-9833 Dec 25 j 01:33	3°♏17'50	
asc. node	-9833 Dec 29 j 09:44	12°♏00'51	
	-9832 Jan 09 j 11:32	0°♐	
evening max el	-9832 Jan 13 j 12:29	4°♐25'40	20°59'05
retrograde	-9832 Jan 24 j 19:33	9°♐44'43	
evening set	-9832 Jan 27 j 12:06	9°♐27'48	
inferior conj	-9832 Feb 05 j 10:58	5°♐29'23	2°10'13
minimum elong	-9832 Feb 05 j 16:03	5°♐22'04	2°08'15
min. Earth dist.	-9832 Feb 06 j 11:19	4°♐54'19	0.55512 AU
desc. node	-9832 Feb 14 j 00:33	1°♐25'35	
morning rise	-9832 Feb 14 j 18:56	1°♐14'05	
direct	-9832 Feb 17 j 21:45	0°♐52'43	
morning max el	-9832 Mar 01 j 22:05	7°♐13'41	22°32'35
	-9832 Mar 17 j 19:12	0°♑	
morning set	-9832 Mar 23 j 20:40	12°♑02'43	
asc. node	-9832 Mar 26 j 08:24	17°♑16'38	
superior conj	-9832 Mar 31 j 02:28	27°♑22'07	0°44'52
minimum elong	-9832 Mar 31 j 00:35	27°♑12'09	0°43'59
	-9832 Apr 01 j 08:29	0°♒	
max. Earth dist.	-9832 Apr 02 j 22:17	3°♒16'51	1.34290 AU
evening rise	-9832 Apr 08 j 00:41	13°♒33'40	
	-9832 Apr 16 j 22:49	0°♓	
	-9832 May 07 j 10:17	0°♈	
desc. node	-9832 May 11 j 23:10	4°♈56'28	
evening max el	-9832 May 12 j 11:40	5°♈27'16	27°15'23
retrograde	-9832 May 25 j 22:47	12°♈57'49	

evening set	-9832 Jun 01 j 21:13	10°♈12'47	
min. Earth dist.	-9832 Jun 05 j 14:40	6°♈37'16	0.64509 AU
inferior conj	-9832 Jun 07 j 20:15	4°♈07'19	-3°26'56
minimum elong	-9832 Jun 07 j 22:17	4°♈01'37	3°26'42
	-9832 Jun 11 j 22:32	30°℞♓	
morning rise	-9832 Jun 13 j 23:50	28°♓37'55	
direct	-9832 Jun 16 j 21:29	27°♓53'08	
	-9832 Jun 21 j 21:13	0°♈	
asc. node	-9832 Jun 22 j 08:53	0°♈24'39	
morning max el	-9832 Jun 23 j 09:39	1°♈22'58	18°15'15
morning set	-9832 Jul 11 j 21:53	29°♈33'04	
	-9832 Jul 12 j 04:18	0°♉	
superior conj	-9832 Jul 25 j 18:04	22°♉21'16	1°13'07
minimum elong	-9832 Jul 26 j 00:38	22°♉47'43	1°12'54
max. Earth dist.	-9832 Jul 29 j 15:34	28°♉35'20	1.44269 AU
	-9832 Jul 30 j 12:52	0°♊	
desc. node	-9832 Aug 07 j 20:23	13°♊05'13	
evening rise	-9832 Aug 11 j 08:54	18°♊34'40	
	-9832 Aug 18 j 18:01	0°♋	
greatest brilliancy	-9832 Aug 23 j 15:00	7°♋25'45	-0.7m
evening max el	-9832 Sep 05 j 15:32	24°♋57'48	19°49'47
retrograde	-9832 Sep 13 j 02:10	29°♋16'35	
evening set	-9832 Sep 16 j 13:58	28°♋05'44	
asc. node	-9832 Sep 18 j 08:55	26°♋36'00	
inferior conj	-9832 Sep 22 j 03:16	22°♋06'45	1°12'28
minimum elong	-9832 Sep 22 j 01:37	22°♋12'10	1°12'22
min. Earth dist.	-9832 Sep 23 j 03:45	20°♋46'34	0.66267 AU
morning rise	-9832 Sep 27 j 13:01	15°♋49'31	
direct	-9832 Oct 03 j 09:28	13°♋19'07	
morning max el	-9832 Oct 15 j 10:07	20°♋25'13	25°27'42
	-9832 Oct 23 j 17:22	0°♌	
desc. node	-9832 Nov 03 j 20:07	15°♌30'09	
	-9832 Nov 13 j 00:26	0°♍	
morning set	-9832 Nov 20 j 12:48	13°♍00'49	
max. Earth dist.	-9832 Nov 24 j 09:50	20°♍09'37	1.36676 AU
	-9832 Nov 29 j 12:08	0°♎	
superior conj	-9832 Nov 30 j 05:52	1°♎27'52	-1°40'43
minimum elong	-9832 Nov 30 j 06:55	1°♎33'05	1°40'38
evening rise	-9832 Dec 08 j 06:39	17°♎42'37	
	-9832 Dec 14 j 14:34	0°♏	
asc. node	-9832 Dec 15 j 07:02	1°♏14'18	
evening max el	-9832 Dec 25 j 23:04	16°♏09'46	19°46'47
retrograde	-9831 Jan 04 j 15:49	20°♏43'59	
evening set	-9831 Jan 07 j 04:39	20°♏26'41	
inferior conj	-9831 Jan 15 j 15:17	16°♏22'18	3°29'24
minimum elong	-9831 Jan 15 j 20:29	16°♏14'04	3°28'01
min. Earth dist.	-9831 Jan 18 j 00:47	14°♏51'51	0.56380 AU
morning rise	-9831 Jan 24 j 10:16	11°♏43'14	
direct	-9831 Jan 28 j 18:34	11°♏01'03	
desc. node	-9831 Jan 30 j 21:26	11°♏11'21	
morning max el	-9831 Feb 11 j 14:25	17°♏56'50	24°09'57
	-9831 Feb 21 j 10:41	0°♐	
morning set	-9831 Mar 08 j 09:02	27°♐06'56	
	-9831 Mar 09 j 17:49	0°♑	
asc. node	-9831 Mar 13 j 05:26	7°♑28'47	
superior conj	-9831 Mar 15 j 10:09	12°♑13'07	0°21'24
minimum elong	-9831 Mar 15 j 09:15	12°♑08'16	0°20'39
max. Earth dist.	-9831 Mar 17 j 03:45	15°♑56'13	1.33449 AU
evening rise	-9831 Mar 22 j 21:44	27°♑53'51	
	-9831 Mar 23 j 22:58	0°♒	
	-9831 Apr 10 j 05:06	0°♓	
evening max el	-9831 Apr 24 j 21:11	18°♓19'21	27°26'02
desc. node	-9831 Apr 28 j 20:30	21°♓46'16	
retrograde	-9831 May 08 j 16:43	25°♓50'52	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9831 May 15 j 16:31	23°♓21'02	
min. Earth dist.	-9831 May 19 j 07:50	20°♓14'37	0.62883 AU
inferior conj	-9831 May 22 j 03:36	17°♓24'40	-3°39'56
minimum elong	-9831 May 22 j 04:18	17°♓22'53	3°40'05
morning rise	-9831 May 28 j 17:11	12°♓13'44	
direct	-9831 May 31 j 10:23	11°♓38'28	
morning max el	-9831 Jun 06 j 23:43	15°♓00'48	18°01'25
asc. node	-9831 Jun 09 j 05:45	17°♓31'24	
	-9831 Jun 17 j 10:31	0°♈	
morning set	-9831 Jun 23 j 21:44	11°♈17'29	
	-9831 Jul 04 j 17:18	0°♉	
superior conj	-9831 Jul 05 j 21:04	1°♉56'37	1°39'10
minimum elong	-9831 Jul 06 j 01:29	2°♉15'08	1°39'10
max. Earth dist.	-9831 Jul 12 j 04:55	12°♉21'45	1.43248 AU
evening rise	-9831 Jul 21 j 10:07	26°♉59'34	
	-9831 Jul 23 j 08:37	0°♊	
desc. node	-9831 Jul 25 j 17:39	3°♊39'37	
	-9831 Aug 12 j 17:34	0°♋	
evening max el	-9831 Aug 19 j 16:32	8°♋23'26	20°54'07
retrograde	-9831 Aug 27 j 22:54	13°♋15'13	
evening set	-9831 Aug 31 j 21:54	11°♋46'04	
asc. node	-9831 Sep 05 j 06:02	7°♋01'59	
inferior conj	-9831 Sep 06 j 06:44	5°♋38'37	0°20'06
minimum elong	-9831 Sep 06 j 06:16	5°♋40'12	0°20'29
min. Earth dist.	-9831 Sep 06 j 20:17	4°♋52'30	0.66876 AU
	-9831 Sep 10 j 20:44	30°℞♊	
morning rise	-9831 Sep 11 j 14:29	29°♊19'08	
direct	-9831 Sep 16 j 20:09	27°♊06'05	
	-9831 Sep 23 j 17:11	0°♋	
morning max el	-9831 Sep 27 j 19:48	3°♋40'37	24°07'15
	-9831 Oct 17 j 23:59	0°♌	
desc. node	-9831 Oct 21 j 16:54	5°♌37'14	
morning set	-9831 Nov 02 j 06:50	24°♌26'48	
	-9831 Nov 05 j 11:26	0°♍	
max. Earth dist.	-9831 Nov 06 j 08:37	1°♍33'59	1.38583 AU
superior conj	-9831 Nov 13 j 11:05	14°♍39'06	-1°42'26
minimum elong	-9831 Nov 13 j 10:24	14°♍35'55	1°42'13
	-9831 Nov 21 j 08:28	0°♎	
evening rise	-9831 Nov 22 j 05:39	1°♎43'58	
asc. node	-9831 Dec 02 j 04:21	19°♎54'24	
evening max el	-9831 Dec 08 j 19:40	28°♎27'29	18°53'36
	-9831 Dec 10 j 14:47	0°♏	
retrograde	-9831 Dec 17 j 03:53	2°♏28'10	
evening set	-9831 Dec 19 j 15:51	2°♏08'02	
	-9831 Dec 24 j 07:03	30°℞♎	
inferior conj	-9831 Dec 27 j 12:35	27°♎47'00	4°09'12
minimum elong	-9831 Dec 27 j 14:41	27°♎43'13	4°08'50
min. Earth dist.	-9831 Dec 30 j 15:44	25°♎31'39	0.57885 AU
morning rise	-9830 Jan 04 j 11:24	22°♎42'41	
direct	-9830 Jan 10 j 03:05	21°♎26'02	
desc. node	-9830 Jan 17 j 18:16	23°♎41'19	
morning max el	-9830 Jan 24 j 05:37	28°♎41'21	25°41'03
	-9830 Jan 25 j 13:17	0°♏	
	-9830 Feb 14 j 19:10	0°♐	
morning set	-9830 Feb 20 j 21:18	12°♐11'55	
superior conj	-9830 Feb 27 j 20:46	27°♐13'53	-0°02'23
minimum elong	-9830 Feb 27 j 20:54	27°♐14'34	0°02'56
behind sun begin	-9830 Feb 27 j 15:57	26°♐47'36	
behind sun end	-9830 Feb 28 j 01:51	27°♐41'32	
asc. node	-9830 Feb 28 j 02:32	27°♐45'15	
max. Earth dist.	-9830 Feb 28 j 14:58	28°♐52'55	1.32941 AU
	-9830 Mar 01 j 03:19	0°♑	
evening rise	-9830 Mar 07 j 01:36	12°♑34'57	
	-9830 Mar 16 j 03:20	0°♒	
	-9830 Apr 06 j 11:07	0°♓	
evening max el	-9830 Apr 07 j 02:46	0°♓38'17	27°04'18
desc. node	-9830 Apr 15 j 17:48	6°♓51'47	
retrograde	-9830 Apr 21 j 03:49	8°♓06'38	
evening set	-9830 Apr 27 j 19:21	6°♓04'57	
min. Earth dist.	-9830 May 01 j 15:50	3°♓14'39	0.60966 AU
inferior conj	-9830 May 04 j 22:07	0°♓22'00	-3°35'34
minimum elong	-9830 May 04 j 20:49	0°♓24'55	3°35'49
	-9830 May 05 j 08:04	30°℞♒	
morning rise	-9830 May 12 j 00:17	25°♒31'09	
direct	-9830 May 14 j 13:42	25°♒04'06	
morning max el	-9830 May 21 j 12:53	28°♒30'33	18°06'14
	-9830 May 22 j 23:00	0°♓	
asc. node	-9830 May 27 j 02:35	5°♓32'27	
morning set	-9830 Jun 06 j 16:54	23°♓58'43	
	-9830 Jun 09 j 23:28	0°♈	
superior conj	-9830 Jun 17 j 03:23	12°♈53'28	1°49'28
minimum elong	-9830 Jun 17 j 04:16	12°♈57'22	1°49'31
max. Earth dist.	-9830 Jun 24 j 12:17	25°♈31'32	1.41714 AU
	-9830 Jun 27 j 05:12	0°♉	
evening rise	-9830 Jun 30 j 18:22	5°♉44'54	
desc. node	-9830 Jul 12 j 14:59	24°♉04'33	
	-9830 Jul 16 j 15:36	0°♊	
evening max el	-9830 Aug 02 j 10:40	21°♊45'18	22°09'31
retrograde	-9830 Aug 11 j 18:08	27°♊16'36	
evening set	-9830 Aug 16 j 06:16	25°♊27'04	
inferior conj	-9830 Aug 21 j 12:30	19°♊14'10	-0°31'10
minimum elong	-9830 Aug 21 j 13:10	19°♊11'53	0°30'20
min. Earth dist.	-9830 Aug 21 j 15:42	19°♊03'06	0.67198 AU
asc. node	-9830 Aug 23 j 03:05	17°♊02'35	
morning rise	-9830 Aug 26 j 19:57	12°♊56'02	
direct	-9830 Aug 31 j 11:29	11°♊02'00	
morning max el	-9830 Sep 10 j 07:18	16°♊56'19	22°42'34
	-9830 Sep 20 j 23:08	0°♋	
desc. node	-9830 Oct 08 j 13:44	25°♋59'09	
	-9830 Oct 11 j 02:32	0°♌	
morning set	-9830 Oct 13 j 22:22	4°♌33'47	
max. Earth dist.	-9830 Oct 19 j 07:17	13°♌30'02	1.40581 AU
superior conj	-9830 Oct 26 j 23:19	26°♌55'49	-1°34'24
minimum elong	-9830 Oct 26 j 20:23	26°♌42'32	1°33'52
	-9830 Oct 28 j 15:53	0°♍	
evening rise	-9830 Nov 05 j 19:36	15°♍13'56	
	-9830 Nov 13 j 21:47	0°♎	
asc. node	-9830 Nov 19 j 01:40	7°♎50'01	
evening max el	-9830 Nov 22 j 00:34	11°♎13'07	18°20'43
retrograde	-9830 Nov 29 j 09:34	14°♎53'22	
evening set	-9830 Dec 01 j 21:56	14°♎28'54	
inferior conj	-9830 Dec 09 j 05:25	9°♎46'55	4°13'50
minimum elong	-9830 Dec 09 j 04:10	9°♎49'31	4°13'45
min. Earth dist.	-9830 Dec 12 j 11:01	7°♎05'24	0.59718 AU
morning rise	-9830 Dec 16 j 08:45	4°♎21'56	
direct	-9830 Dec 22 j 23:23	2°♎26'40	
desc. node	-9829 Jan 04 j 15:02	8°♎33'01	
morning max el	-9829 Jan 06 j 01:08	9°♎51'57	26°51'13
	-9829 Jan 21 j 14:18	0°♏	
morning set	-9829 Feb 05 j 07:42	27°♏10'56	
	-9829 Feb 06 j 15:56	0°♐	
superior conj	-9829 Feb 12 j 08:35	12°♐18'02	-0°25'36
minimum elong	-9829 Feb 12 j 09:39	12°♐23'51	0°25'56
max. Earth dist.	-9829 Feb 12 j 04:29	11°♐55'39	1.32756 AU
asc. node	-9829 Feb 14 j 23:39	18°♐01'56	
evening rise	-9829 Feb 19 j 09:52	27°♐28'47	
	-9829 Feb 20 j 15:06	0°♑	
	-9829 Mar 09 j 19:43	0°♒	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9829 Mar 20 j 03:02	12°♒19'47	26°11'00
desc. node	-9829 Apr 02 j 15:01	19°♒38'29	
retrograde	-9829 Apr 03 j 06:16	19°♒39'29	
evening set	-9829 Apr 09 j 03:03	18°♒13'47	
min. Earth dist.	-9829 Apr 13 j 16:18	15°♒24'11	0.58962 AU
inferior conj	-9829 Apr 17 j 00:16	12°♒51'11	-3°07'10
minimum elong	-9829 Apr 16 j 20:51	12°♒57'47	3°07'03
morning rise	-9829 Apr 24 j 17:35	8°♒20'24	
direct	-9829 Apr 27 j 03:19	8°♒00'16	
morning max el	-9829 May 04 j 22:19	11°♒44'09	18°30'17
asc. node	-9829 May 13 j 23:25	24°♒15'30	
	-9829 May 17 j 04:16	0°♓	
morning set	-9829 May 21 j 02:43	7°♓26'09	
superior conj	-9829 May 30 j 09:27	25°♓02'49	1°47'06
minimum elong	-9829 May 30 j 07:47	24°♓55'09	1°46'55
	-9829 Jun 02 j 02:23	0°♈	
max. Earth dist.	-9829 Jun 06 j 14:18	7°♈59'02	1.39888 AU
evening rise	-9829 Jun 11 j 02:44	15°♈41'48	
	-9829 Jun 19 j 23:33	0°♉	
desc. node	-9829 Jun 29 j 12:22	14°♉15'24	
	-9829 Jul 11 j 08:33	0°♊	
evening max el	-9829 Jul 15 j 23:27	5°♊06'38	23°30'56
retrograde	-9829 Jul 26 j 10:33	11°♊18'37	
evening set	-9829 Jul 31 j 13:12	9°♊08'10	
inferior conj	-9829 Aug 05 j 18:49	2°♊52'39	-1°19'40
minimum elong	-9829 Aug 05 j 20:27	2°♊47'04	1°18'34
min. Earth dist.	-9829 Aug 05 j 11:32	3°♊17'43	0.67231 AU
	-9829 Aug 07 j 22:35	30°℞♉	
asc. node	-9829 Aug 10 j 00:03	27°♉40'10	
morning rise	-9829 Aug 11 j 03:36	26°♉39'29	
direct	-9829 Aug 15 j 06:33	25°♉04'07	
	-9829 Aug 23 j 17:16	0°♊	
morning max el	-9829 Aug 23 j 23:24	0°♊15'40	21°21'41
	-9829 Sep 14 j 18:34	0°♋	
morning set	-9829 Sep 23 j 12:31	13°♋29'20	
desc. node	-9829 Sep 25 j 10:38	16°♋31'25	
max. Earth dist.	-9829 Oct 01 j 11:29	26°♋15'08	1.42398 AU
	-9829 Oct 03 j 18:01	0°♌	
superior conj	-9829 Oct 08 j 12:56	8°♌04'07	-1°14'00
minimum elong	-9829 Oct 08 j 08:10	7°♌43'46	1°13'01
evening rise	-9829 Oct 19 j 20:56	28°♌04'46	
	-9829 Oct 20 j 22:29	0°♍	
evening max el	-9829 Nov 05 j 11:05	24°♍19'16	18°07'44
asc. node	-9829 Nov 05 j 22:57	24°♍48'00	
retrograde	-9829 Nov 12 j 06:30	27°♍51'06	
evening set	-9829 Nov 14 j 20:28	27°♍20'47	
inferior conj	-9829 Nov 21 j 15:55	22°♍17'17	3°53'36
minimum elong	-9829 Nov 21 j 12:45	22°♍24'53	3°53'16
min. Earth dist.	-9829 Nov 24 j 13:38	19°♍31'10	0.61589 AU
morning rise	-9829 Nov 28 j 03:53	16°♍35'37	
direct	-9829 Dec 05 j 05:08	14°♍09'46	
morning max el	-9829 Dec 19 j 02:51	21°♍40'38	27°29'57
desc. node	-9829 Dec 22 j 11:44	25°♍11'46	
	-9829 Dec 26 j 12:11	0°♎	
	-9828 Jan 14 j 12:22	0°♏	
morning set	-9828 Jan 20 j 14:12	11°♏56'02	
max. Earth dist.	-9828 Jan 26 j 16:36	24°♏50'39	1.32908 AU
superior conj	-9828 Jan 27 j 19:53	27°♏18'47	-0°47'32
minimum elong	-9828 Jan 27 j 21:42	27°♏28'39	0°47'40
	-9828 Jan 29 j 01:31	0°♐	
asc. node	-9828 Feb 01 j 20:48	8°♐14'18	
evening rise	-9828 Feb 03 j 20:31	12°♐27'28	
	-9828 Feb 12 j 20:48	0°♑	
evening max el	-9828 Feb 29 j 22:11	23°♑27'37	24°52'22
	-9828 Mar 11 j 07:27	0°♒	
retrograde	-9828 Mar 14 j 21:20	0°♒29'38	
	-9828 Mar 18 j 11:22	30°℞♑	
evening set	-9828 Mar 19 j 15:51	29°♑37'35	
desc. node	-9828 Mar 19 j 12:09	29°♑40'49	
min. Earth dist.	-9828 Mar 25 j 11:23	26°♑35'33	0.57163 AU
inferior conj	-9828 Mar 28 j 07:01	24°♑43'20	-2°07'58
minimum elong	-9828 Mar 28 j 02:58	24°♑50'08	2°07'28
morning rise	-9828 Apr 05 j 17:14	20°♑30'18	
direct	-9828 Apr 07 j 23:47	20°♑15'18	
morning max el	-9828 Apr 17 j 00:57	24°♑31'08	19°14'06
	-9828 Apr 21 j 17:39	0°♒	
asc. node	-9828 Apr 29 j 20:15	13°♒29'59	
morning set	-9828 May 03 j 23:06	21°♒28'53	
	-9828 May 08 j 06:02	0°♓	
superior conj	-9828 May 12 j 09:35	8°♓08'37	1°35'50
minimum elong	-9828 May 12 j 06:46	7°♓54'58	1°35'18
max. Earth dist.	-9828 May 18 j 14:57	19°♓52'46	1.38017 AU
evening rise	-9828 May 22 j 14:15	27°♓00'18	
	-9828 May 24 j 07:30	0°♈	
	-9828 Jun 12 j 10:55	0°♉	
desc. node	-9828 Jun 15 j 09:47	4°♉04'57	
evening max el	-9828 Jun 27 j 09:36	18°♉29'28	24°51'24
retrograde	-9828 Jul 08 j 23:07	25°♉16'58	
evening set	-9828 Jul 14 j 16:47	22°♉47'26	
min. Earth dist.	-9828 Jul 19 j 05:18	17°♉33'59	0.66943 AU
inferior conj	-9828 Jul 19 j 23:55	16°♉31'49	-2°04'00
minimum elong	-9828 Jul 20 j 02:15	16°♉24'04	2°02'53
morning rise	-9828 Jul 25 j 11:39	10°♉27'09	
asc. node	-9828 Jul 26 j 20:56	9°♉39'00	
direct	-9828 Jul 29 j 03:54	9°♉08'51	
morning max el	-9828 Aug 05 j 21:59	13°♉41'29	20°10'36
	-9828 Aug 18 j 05:51	0°♊	
morning set	-9828 Sep 01 j 14:25	21°♊53'57	
	-9828 Sep 06 j 18:51	0°♋	
desc. node	-9828 Sep 11 j 07:38	7°♋10'15	
max. Earth dist.	-9828 Sep 12 j 22:42	9°♋46'11	1.43768 AU
superior conj	-9828 Sep 17 j 23:14	17°♋53'09	-0°39'49
minimum elong	-9828 Sep 17 j 19:14	17°♋36'51	0°38'45
	-9828 Sep 25 j 06:35	0°♌	
evening rise	-9828 Oct 01 j 05:01	10°♌06'13	
	-9828 Oct 13 j 03:06	0°♍	
evening max el	-9828 Oct 19 j 00:16	7°♍38'49	18°13'47
asc. node	-9828 Oct 22 j 20:10	10°♍32'59	
retrograde	-9828 Oct 25 j 14:42	11°♍12'39	
evening set	-9828 Oct 28 j 07:56	10°♍34'36	
inferior conj	-9828 Nov 03 j 16:49	5°♍11'27	3°17'43
minimum elong	-9828 Nov 03 j 13:08	5°♍21'22	3°17'06
min. Earth dist.	-9828 Nov 06 j 01:58	2°♍38'15	0.63279 AU
	-9828 Nov 08 j 19:51	30°℞♌	
morning rise	-9828 Nov 09 j 17:35	29°♌15'48	
direct	-9828 Nov 16 j 18:23	26°♌33'11	
	-9828 Nov 25 j 14:00	0°♍	
morning max el	-9828 Nov 30 j 09:52	4°♍07'07	27°33'37
desc. node	-9828 Dec 08 j 08:25	13°♍07'38	
	-9828 Dec 20 j 00:20	0°♎	
morning set	-9827 Jan 03 j 14:29	26°♎19'14	
	-9827 Jan 05 j 10:08	0°♏	
max. Earth dist.	-9827 Jan 08 j 23:40	7°♏25'35	1.33427 AU
superior conj	-9827 Jan 11 j 05:01	12°♏10'02	-1°07'21
minimum elong	-9827 Jan 11 j 07:16	12°♏22'08	1°07'20
evening rise	-9827 Jan 18 j 07:51	27°♏24'41	
asc. node	-9827 Jan 18 j 18:02	28°♏17'55	
	-9827 Jan 19 j 13:41	0°♐	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9827 Feb 06 j 14:26	0°♉	
evening max el	-9827 Feb 10 j 15:18	4°♉18'27	23°20'04
retrograde	-9827 Feb 23 j 23:39	10°♉50'01	
evening set	-9827 Feb 27 j 15:53	10°♉20'26	
desc. node	-9827 Mar 06 j 09:10	7°♉20'55	
min. Earth dist.	-9827 Mar 07 j 03:16	6°♉54'37	0.55887 AU
inferior conj	-9827 Mar 08 j 18:32	5°♉56'27	-0°37'13
minimum elong	-9827 Mar 08 j 16:57	5°♉58'48	0°37'17
morning rise	-9827 Mar 17 j 20:17	1°♉54'12	
direct	-9827 Mar 20 j 02:32	1°♉41'33	
morning max el	-9827 Mar 30 j 18:09	6°♉42'48	20°17'44
	-9827 Apr 15 j 03:04	0°♒	
asc. node	-9827 Apr 16 j 17:09	3°♒08'24	
morning set	-9827 Apr 18 j 02:56	5°♒58'30	
superior conj	-9827 Apr 25 j 22:56	21°♒57'31	1°18'39
minimum elong	-9827 Apr 25 j 20:01	21°♒42'48	1°17'53
	-9827 Apr 30 j 00:19	0°♓	
max. Earth dist.	-9827 Apr 30 j 20:10	1°♓36'10	1.36318 AU
evening rise	-9827 May 05 j 00:35	9°♓29'30	
	-9827 May 16 j 23:07	0°♈	
desc. node	-9827 Jun 02 j 07:11	23°♈24'13	
	-9827 Jun 07 j 23:26	0°♉	
evening max el	-9827 Jun 09 j 19:35	1°♉53'21	26°02'30
retrograde	-9827 Jun 22 j 07:16	9°♉06'34	
evening set	-9827 Jun 28 j 14:54	6°♉23'09	
min. Earth dist.	-9827 Jul 02 j 18:38	1°♉48'55	0.66301 AU
inferior conj	-9827 Jul 04 j 01:56	0°♉09'35	-2°42'38
minimum elong	-9827 Jul 04 j 04:35	0°♉01'12	2°41'43
	-9827 Jul 04 j 04:57	30°℞♈	
morning rise	-9827 Jul 09 j 18:20	24°♈16'37	
direct	-9827 Jul 13 j 01:52	23°♈13'13	
asc. node	-9827 Jul 13 j 17:49	23°♈15'42	
morning max el	-9827 Jul 20 j 03:08	27°♈14'28	19°13'05
	-9827 Jul 22 j 13:40	0°♉	
	-9827 Aug 11 j 13:22	0°♊	
morning set	-9827 Aug 12 j 00:40	0°♊44'37	
max. Earth dist.	-9827 Aug 26 j 14:35	23°♊45'26	1.44514 AU
superior conj	-9827 Aug 28 j 08:16	26°♊30'37	0°05'11
minimum elong	-9827 Aug 28 j 08:59	26°♊33'27	0°05'39
behind sun begin	-9827 Aug 27 j 22:16	25°♊50'55	
behind sun end	-9827 Aug 28 j 19:43	27°♊16'01	
desc. node	-9827 Aug 29 j 04:43	27°♊51'46	
	-9827 Aug 30 j 12:58	0°♋	
evening rise	-9827 Sep 12 j 14:22	21°♋04'35	
	-9827 Sep 18 j 01:11	0°♌	
evening max el	-9827 Oct 02 j 13:10	21°♌05'02	18°37'55
retrograde	-9827 Oct 09 j 06:10	24°♌49'50	
asc. node	-9827 Oct 09 j 17:23	24°♌48'36	
evening set	-9827 Oct 12 j 04:44	24°♌01'34	
inferior conj	-9827 Oct 18 j 04:40	18°♌21'54	2°32'33
minimum elong	-9827 Oct 18 j 01:25	18°♌31'30	2°31'56
min. Earth dist.	-9827 Oct 20 j 00:27	16°♌12'41	0.64685 AU
morning rise	-9827 Oct 23 j 21:35	12°♌15'00	
direct	-9827 Oct 30 j 14:25	9°♌29'10	
morning max el	-9827 Nov 12 j 19:41	17°♌01'10	27°04'25
	-9827 Nov 23 j 18:48	0°♍	
desc. node	-9827 Nov 25 j 05:08	1°♍57'31	
	-9827 Dec 12 j 18:54	0°♎	
morning set	-9827 Dec 18 j 05:25	10°♎09'37	
max. Earth dist.	-9827 Dec 22 j 21:58	19°♎29'15	1.34353 AU
superior conj	-9827 Dec 26 j 09:58	26°♎44'10	-1°24'02
minimum elong	-9827 Dec 26 j 12:14	26°♎56'03	1°23'58
	-9827 Dec 27 j 23:09	0°♏	
evening rise	-9826 Jan 02 j 18:10	12°♏13'25	
asc. node	-9826 Jan 05 j 15:17	18°♏06'46	
	-9826 Jan 12 j 00:32	0°♐	
evening max el	-9826 Jan 23 j 11:45	15°♐15'49	21°47'40
retrograde	-9826 Feb 04 j 16:10	21°♐03'45	
evening set	-9826 Feb 07 j 14:03	20°♐44'47	
inferior conj	-9826 Feb 16 j 17:11	16°♐41'25	1°11'03
minimum elong	-9826 Feb 16 j 20:14	16°♐37'04	1°09'33
min. Earth dist.	-9826 Feb 16 j 17:47	16°♐40'34	0.55389 AU
desc. node	-9826 Feb 21 j 06:08	14°♐15'38	
morning rise	-9826 Feb 26 j 02:41	12°♐35'39	
direct	-9826 Feb 28 j 17:35	12°♐20'16	
morning max el	-9826 Mar 13 j 00:19	18°♐13'47	21°39'30
	-9826 Mar 22 j 07:11	0°♉	
morning set	-9826 Apr 02 j 11:41	20°♉46'56	
asc. node	-9826 Apr 03 j 14:07	23°♉04'02	
	-9826 Apr 06 j 21:27	0°♒	
superior conj	-9826 Apr 09 j 21:37	6°♒17'50	0°57'51
minimum elong	-9826 Apr 09 j 19:15	6°♒05'29	0°56'58
max. Earth dist.	-9826 Apr 13 j 10:26	13°♒33'17	1.34921 AU
evening rise	-9826 Apr 18 j 04:03	22°♒53'11	
	-9826 Apr 21 j 23:15	0°♓	
	-9826 May 10 j 14:54	0°♈	
desc. node	-9826 May 20 j 04:32	12°♈00'48	
evening max el	-9826 May 23 j 06:16	15°♈13'10	26°55'48
retrograde	-9826 Jun 05 j 10:35	22°♈41'03	
evening set	-9826 Jun 12 j 05:05	19°♈52'53	
min. Earth dist.	-9826 Jun 16 j 01:29	15°♈57'14	0.65272 AU
inferior conj	-9826 Jun 17 j 22:48	13°♈43'36	-3°13'38
minimum elong	-9826 Jun 18 j 01:15	13°♈36'22	3°13'07
morning rise	-9826 Jun 23 j 21:44	8°♈05'00	
direct	-9826 Jun 26 j 22:24	7°♈14'12	
asc. node	-9826 Jun 30 j 14:41	8°♈25'50	
morning max el	-9826 Jul 03 j 13:29	10°♈53'00	18°31'26
	-9826 Jul 16 j 21:30	0°♉	
morning set	-9826 Jul 23 j 09:36	10°♉39'12	
	-9826 Aug 04 j 08:33	0°♊	
superior conj	-9826 Aug 07 j 07:58	4°♊44'07	0°51'03
minimum elong	-9826 Aug 07 j 13:41	5°♊06'51	0°50'53
max. Earth dist.	-9826 Aug 09 j 07:30	7°♊52'32	1.44557 AU
desc. node	-9826 Aug 16 j 01:53	18°♊33'11	
	-9826 Aug 23 j 08:19	0°♋	
evening rise	-9826 Aug 23 j 20:59	0°♋49'55	
greatest brilliancy	-9826 Sep 01 j 20:43	14°♋56'39	-0.8m
	-9826 Sep 12 j 02:36	0°♌	
evening max el	-9826 Sep 15 j 23:09	4°♌33'37	19°19'01
retrograde	-9826 Sep 23 j 01:36	8°♌37'52	
evening set	-9826 Sep 26 j 07:48	7°♌36'21	
asc. node	-9826 Sep 26 j 14:33	7°♌25'20	
inferior conj	-9826 Oct 02 j 00:30	1°♌43'32	1°42'25
minimum elong	-9826 Oct 01 j 22:12	1°♌50'51	1°42'05
	-9826 Oct 03 j 09:08	30°℞♋	
min. Earth dist.	-9826 Oct 03 j 07:45	0°♌04'20	0.65779 AU
morning rise	-9826 Oct 07 j 12:14	25°♋28'50	
direct	-9826 Oct 13 j 16:45	22°♋50'24	
morning max el	-9826 Oct 26 j 05:49	0°♌10'18	26°08'30
	-9826 Oct 26 j 01:40	0°♌	
desc. node	-9826 Nov 12 j 01:53	21°♌25'49	
	-9826 Nov 17 j 17:06	0°♍	
morning set	-9826 Dec 01 j 07:02	23°♍15'23	
	-9826 Dec 04 j 20:32	0°♎	
max. Earth dist.	-9826 Dec 05 j 09:04	1°♎00'41	1.35711 AU
superior conj	-9826 Dec 10 j 08:20	10°♎53'54	-1°36'18
minimum elong	-9826 Dec 10 j 10:01	11°♎02'32	1°36'14
evening rise	-9826 Dec 18 j 01:44	26°♎48'18	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9826 Dec 19 j 15:27	0°♏	
asc. node	-9826 Dec 23 j 12:34	7°♏35'01	
evening max el	-9825 Jan 05 j 16:34	26°♏40'23	20°26'06
	-9825 Jan 10 j 04:00	0°♐	
retrograde	-9825 Jan 16 j 07:29	1°♐39'33	
evening set	-9825 Jan 18 j 21:30	1°♐23'06	
	-9825 Jan 22 j 21:50	30°℞♏	
inferior conj	-9825 Jan 27 j 15:40	27°♏23'59	2°48'22
minimum elong	-9825 Jan 27 j 21:20	27°♏15'32	2°46'28
min. Earth dist.	-9825 Jan 29 j 07:49	26°♏24'20	0.55783 AU
morning rise	-9825 Feb 05 j 19:27	22°♏58'55	
desc. node	-9825 Feb 08 j 03:05	22°♏34'11	
direct	-9825 Feb 09 j 09:33	22°♏30'34	
morning max el	-9825 Feb 22 j 20:29	29°♏09'14	23°13'54
	-9825 Feb 23 j 17:12	0°♐	
	-9825 Mar 15 j 03:35	0°♑	
morning set	-9825 Mar 17 j 23:14	5°♑46'54	
asc. node	-9825 Mar 21 j 11:07	13°♑11'19	
superior conj	-9825 Mar 25 j 02:40	20°♑59'44	0°35'01
minimum elong	-9825 Mar 25 j 01:11	20°♑51'50	0°34'10
max. Earth dist.	-9825 Mar 27 j 10:41	25°♑56'14	1.33882 AU
	-9825 Mar 29 j 09:31	0°♒	
evening rise	-9825 Apr 01 j 19:47	6°♒56'14	
	-9825 Apr 14 j 13:07	0°♓	
evening max el	-9825 May 05 j 16:49	28°♓18'47	27°23'50
desc. node	-9825 May 07 j 01:53	29°♓36'25	
	-9825 May 07 j 12:26	0°♈	
retrograde	-9825 May 19 j 08:24	5°♈51'22	
evening set	-9825 May 26 j 08:16	3°♈11'04	
	-9825 May 29 j 19:54	30°℞♓	
min. Earth dist.	-9825 May 30 j 00:05	29°♓49'07	0.63850 AU
inferior conj	-9825 Jun 01 j 11:56	27°♓08'44	-3°34'18
minimum elong	-9825 Jun 01 j 13:30	27°♓04'31	3°34'14
morning rise	-9825 Jun 07 j 19:29	21°♓46'58	
direct	-9825 Jun 10 j 14:59	21°♓06'35	
morning max el	-9825 Jun 17 j 02:52	24°♓32'18	18°07'07
asc. node	-9825 Jun 17 j 11:32	24°♓54'23	
	-9825 Jun 21 j 13:47	0°♈	
morning set	-9825 Jul 04 j 20:08	21°♈45'21	
	-9825 Jul 09 j 16:11	0°♉	
superior conj	-9825 Jul 17 j 20:40	13°♉37'00	1°26'11
minimum elong	-9825 Jul 18 j 02:44	14°♉01'49	1°26'02
max. Earth dist.	-9825 Jul 22 j 22:32	21°♉49'40	1.43906 AU
	-9825 Jul 28 j 02:05	0°♊	
desc. node	-9825 Aug 02 j 23:07	9°♊10'55	
evening rise	-9825 Aug 03 j 04:24	9°♊31'27	
	-9825 Aug 16 j 14:50	0°♋	
evening max el	-9825 Aug 30 j 03:56	18°♋00'57	20°15'35
retrograde	-9825 Sep 06 j 22:21	22°♋32'53	
evening set	-9825 Sep 10 j 14:35	21°♋14'48	
asc. node	-9825 Sep 13 j 11:42	18°♋29'49	
inferior conj	-9825 Sep 16 j 01:47	15°♋12'02	0°50'13
minimum elong	-9825 Sep 16 j 00:38	15°♋15'52	0°50'20
min. Earth dist.	-9825 Sep 16 j 21:37	14°♋05'51	0.66566 AU
morning rise	-9825 Sep 21 j 10:27	8°♋53'14	
direct	-9825 Sep 27 j 00:41	6°♋29'31	
morning max el	-9825 Oct 08 j 15:12	13°♋23'52	24°54'22
	-9825 Oct 22 j 03:35	0°♌	
desc. node	-9825 Oct 29 j 22:40	11°♌20'58	
	-9825 Nov 10 j 12:08	0°♍	
morning set	-9825 Nov 13 j 14:13	5°♍21'52	
max. Earth dist.	-9825 Nov 17 j 10:24	12°♍17'05	1.37458 AU
superior conj	-9825 Nov 23 j 20:58	24°♍29'58	-1°42'28
minimum elong	-9825 Nov 23 j 21:23	24°♍31'58	1°42'22

	-9825 Nov 26 j 15:56	0°♎	
evening rise	-9825 Dec 02 j 04:30	11°♎03'34	
asc. node	-9825 Dec 10 j 09:53	26°♎35'20	
	-9825 Dec 12 j 11:55	0°♏	
evening max el	-9825 Dec 19 j 07:40	8°♏39'51	19°21'45
retrograde	-9825 Dec 28 j 09:23	12°♏57'41	
evening set	-9825 Dec 30 j 21:44	12°♏39'23	
inferior conj	-9824 Jan 08 j 02:31	8°♏29'14	3°51'07
minimum elong	-9824 Jan 08 j 06:37	8°♏22'24	3°50'13
min. Earth dist.	-9824 Jan 10 j 21:50	6°♏37'34	0.56959 AU
morning rise	-9824 Jan 16 j 13:14	3°♏39'01	
direct	-9824 Jan 21 j 11:39	2°♏43'09	
desc. node	-9824 Jan 25 j 23:58	3°♏30'26	
morning max el	-9824 Feb 04 j 11:23	9°♏49'15	24°50'21
	-9824 Feb 19 j 13:37	0°♐	
morning set	-9824 Mar 01 j 11:46	20°♐52'15	
	-9824 Mar 05 j 18:12	0°♑	
asc. node	-9824 Mar 07 j 08:10	3°♑25'55	
superior conj	-9824 Mar 08 j 11:50	5°♑55'56	0°11'20
minimum elong	-9824 Mar 08 j 11:22	5°♑53'25	0°10'39
behind sun begin	-9824 Mar 08 j 07:36	5°♑33'00	
behind sun end	-9824 Mar 08 j 15:09	6°♑13'50	
max. Earth dist.	-9824 Mar 09 j 19:02	8°♑44'27	1.33192 AU
evening rise	-9824 Mar 15 j 20:07	21°♑26'59	
	-9824 Mar 20 j 04:08	0°♒	
	-9824 Apr 07 j 14:28	0°♓	
evening max el	-9824 Apr 17 j 01:11	10°♓58'52	27°20'59
desc. node	-9824 Apr 22 j 23:11	15°♓46'10	
retrograde	-9824 Apr 30 j 23:37	18°♓29'15	
evening set	-9824 May 07 j 20:59	16°♓10'20	
min. Earth dist.	-9824 May 11 j 13:30	13°♓12'17	0.62090 AU
inferior conj	-9824 May 14 j 14:17	10°♓18'56	-3°40'38
minimum elong	-9824 May 14 j 14:12	10°♓19'08	3°40'52
morning rise	-9824 May 21 j 08:51	5°♓16'02	
direct	-9824 May 24 j 00:22	4°♓44'24	
morning max el	-9824 May 30 j 16:49	8°♓07'17	18°01'07
asc. node	-9824 Jun 03 j 08:22	12°♓25'47	
	-9824 Jun 14 j 00:19	0°♈	
morning set	-9824 Jun 16 j 04:51	3°♈55'37	
superior conj	-9824 Jun 27 j 11:20	23°♈46'47	1°45'20
minimum elong	-9824 Jun 27 j 14:14	23°♈59'10	1°45'22
	-9824 Jul 01 j 03:40	0°♉	
max. Earth dist.	-9824 Jul 04 j 09:33	5°♉22'12	1.42653 AU
evening rise	-9824 Jul 12 j 05:53	17°♉57'26	
desc. node	-9824 Jul 19 j 20:23	29°♉41'42	
	-9824 Jul 20 j 01:13	0°♊	
	-9824 Aug 10 j 17:53	0°♋	
evening max el	-9824 Aug 12 j 02:08	1°♋25'27	21°25'06
retrograde	-9824 Aug 20 j 18:30	6°♋32'53	
evening set	-9824 Aug 24 j 22:56	4°♋55'19	
	-9824 Aug 29 j 08:36	30°℞♊	
inferior conj	-9824 Aug 30 j 06:27	28°♊45'26	-0°01'53
minimum elong	-9824 Aug 30 j 06:29	28°♊45'21	0°01'17
transit middle	-9824 Aug 30 j 06:29	28°♊45'21	0°01'17
transit begin	-9824 Aug 30 j 03:47	28°♊54'37	
transit end	-9824 Aug 30 j 09:11	28°♊36'05	
asc. node	-9824 Aug 30 j 08:46	28°♊37'28	
min. Earth dist.	-9824 Aug 30 j 15:37	28°♊13'59	0.67057 AU
morning rise	-9824 Sep 04 j 13:53	22°♊26'14	
direct	-9824 Sep 09 j 13:32	20°♊21'00	
morning max el	-9824 Sep 20 j 01:09	26°♊38'29	23°31'07
	-9824 Sep 23 j 03:16	0°♋	
	-9824 Oct 14 j 18:58	0°♌	
desc. node	-9824 Oct 15 j 19:28	1°♌34'54	
morning set	-9824 Oct 24 j 21:20	16°♌14'28	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9824 Oct 29 j 08:17	23°♌51'44	1.39443 AU
	-9824 Nov 01 j 19:28	0°♍	
superior conj	-9824 Nov 05 j 19:40	7°♍20'01	-1°40'23
minimum elong	-9824 Nov 05 j 18:03	7°♍12'34	1°40'04
evening rise	-9824 Nov 15 j 00:02	24°♍52'23	
	-9824 Nov 17 j 16:08	0°♎	
asc. node	-9824 Nov 26 j 07:12	14°♎57'54	
evening max el	-9824 Dec 01 j 08:08	21°♎10'28	18°37'07
retrograde	-9824 Dec 09 j 04:58	25°♎00'35	
evening set	-9824 Dec 11 j 17:11	24°♎38'37	
inferior conj	-9824 Dec 19 j 08:07	20°♎08'45	4°14'52
minimum elong	-9824 Dec 19 j 08:40	20°♎07'41	4°14'44
min. Earth dist.	-9824 Dec 22 j 13:53	17°♎39'56	0.58647 AU
morning rise	-9824 Dec 26 j 22:18	14°♎55'28	
direct	-9823 Jan 02 j 01:22	13°♎22'12	
desc. node	-9823 Jan 11 j 20:46	17°♎04'46	
morning max el	-9823 Jan 16 j 03:44	20°♎41'38	26°14'17
	-9823 Jan 24 j 05:29	0°♏	
	-9823 Feb 11 j 02:10	0°♐	
morning set	-9823 Feb 13 j 23:27	5°♐55'22	
superior conj	-9823 Feb 20 j 23:08	20°♐58'33	-0°12'20
minimum elong	-9823 Feb 20 j 23:41	21°♐01'30	0°12'48
behind sun begin	-9823 Feb 20 j 20:45	20°♐45'29	
behind sun end	-9823 Feb 21 j 02:37	21°♐17'31	
max. Earth dist.	-9823 Feb 21 j 07:51	21°♐46'06	1.32828 AU
asc. node	-9823 Feb 22 j 05:15	23°♐42'49	
	-9823 Feb 25 j 03:03	0°♑	
evening rise	-9823 Feb 28 j 02:07	6°♑14'27	
	-9823 Mar 12 j 19:29	0°♒	
evening max el	-9823 Mar 30 j 04:45	23°♒02'05	26°45'16
desc. node	-9823 Apr 09 j 20:27	29°♒56'44	
	-9823 Apr 10 j 01:10	0°♓	
retrograde	-9823 Apr 13 j 06:50	0°♓26'35	
	-9823 Apr 16 j 11:00	30°♓℞	
evening set	-9823 Apr 19 j 15:47	28°♒39'54	
min. Earth dist.	-9823 Apr 23 j 17:55	25°♒51'48	0.60114 AU
inferior conj	-9823 Apr 27 j 02:14	23°♒05'00	-3°26'54
minimum elong	-9823 Apr 26 j 23:58	23°♒09'45	3°27'03
morning rise	-9823 May 04 j 10:31	18°♒22'36	
direct	-9823 May 06 j 22:33	17°♒58'29	
morning max el	-9823 May 14 j 04:38	21°♒30'23	18°14'06
	-9823 May 20 j 17:46	0°♓	
asc. node	-9823 May 21 j 05:11	0°♓45'32	
morning set	-9823 May 30 j 06:46	16°♓57'37	
	-9823 Jun 06 j 06:50	0°♈	
superior conj	-9823 Jun 09 j 04:21	5°♈15'43	1°49'47
minimum elong	-9823 Jun 09 j 04:00	5°♈14'05	1°49'46
max. Earth dist.	-9823 Jun 16 j 14:55	18°♈15'53	1.40961 AU
evening rise	-9823 Jun 21 j 23:09	27°♈09'06	
	-9823 Jun 23 j 17:21	0°♉	
desc. node	-9823 Jul 06 j 17:43	20°♉01'14	
	-9823 Jul 13 j 17:45	0°♊	
evening max el	-9823 Jul 25 j 17:45	14°♊47'00	22°43'46
retrograde	-9823 Aug 04 j 12:37	20°♊35'21	
evening set	-9823 Aug 09 j 06:55	18°♊36'39	
inferior conj	-9823 Aug 14 j 12:39	12°♊22'24	-0°52'09
minimum elong	-9823 Aug 14 j 13:45	12°♊18'36	0°51'11
min. Earth dist.	-9823 Aug 14 j 11:23	12°♊26'45	0.67251 AU
asc. node	-9823 Aug 17 j 05:46	8°♊46'50	
morning rise	-9823 Aug 19 j 20:29	6°♊06'14	
direct	-9823 Aug 24 j 06:29	4°♊20'23	
morning max el	-9823 Sep 02 j 14:24	9°♊55'51	22°07'24
	-9823 Sep 18 j 02:50	0°♋	
desc. node	-9823 Oct 02 j 16:18	22°♋02'02	
morning set	-9823 Oct 05 j 01:27	25°♋49'10	
	-9823 Oct 07 j 15:35	0°♌	
max. Earth dist.	-9823 Oct 11 j 09:36	6°♌11'09	1.41397 AU
superior conj	-9823 Oct 18 j 23:04	19°♌09'58	-1°27'25
minimum elong	-9823 Oct 18 j 19:12	18°♌52'54	1°26'40
	-9823 Oct 24 j 23:32	0°♍	
evening rise	-9823 Oct 29 j 09:12	8°♍07'39	
	-9823 Nov 11 j 04:43	0°♎	
asc. node	-9823 Nov 13 j 04:29	2°♎30'56	
evening max el	-9823 Nov 14 j 15:44	4°♎05'42	18°12'42
retrograde	-9823 Nov 21 j 17:54	7°♎41'18	
evening set	-9823 Nov 24 j 06:43	7°♎14'32	
inferior conj	-9823 Dec 01 j 08:53	2°♎22'54	4°07'43
minimum elong	-9823 Dec 01 j 06:37	2°♎27'55	4°07'33
	-9823 Dec 04 j 01:12	30°℞♍	
min. Earth dist.	-9823 Dec 04 j 11:51	29°♍37'10	0.60525 AU
morning rise	-9823 Dec 08 j 05:08	26°♍50'19	
direct	-9823 Dec 15 j 01:34	24°♍40'57	
	-9823 Dec 26 j 17:09	0°♎	
morning max el	-9823 Dec 29 j 02:04	2°♎08'31	27°11'57
desc. node	-9823 Dec 29 j 17:32	2°♎46'22	
	-9822 Jan 18 j 09:56	0°♏	
morning set	-9822 Jan 29 j 08:27	20°♏49'22	
	-9822 Feb 02 j 16:23	0°♐	
superior conj	-9822 Feb 05 j 10:55	6°♐01'36	-0°35'08
minimum elong	-9822 Feb 05 j 12:20	6°♐09'18	0°35'21
max. Earth dist.	-9822 Feb 04 j 21:22	4°♐47'40	1.32784 AU
asc. node	-9822 Feb 09 j 02:24	13°♐57'55	
evening rise	-9822 Feb 12 j 11:36	21°♐10'47	
	-9822 Feb 16 j 19:59	0°♑	
	-9822 Mar 07 j 21:56	0°♒	
evening max el	-9822 Mar 12 j 02:23	4°♒26'34	25°39'51
retrograde	-9822 Mar 26 j 04:35	11°♒40'18	
desc. node	-9822 Mar 27 j 17:38	11°♒34'31	
evening set	-9822 Mar 31 j 15:02	10°♒29'30	
min. Earth dist.	-9822 Apr 05 j 15:24	7°♒36'16	0.58156 AU
inferior conj	-9822 Apr 08 j 20:17	5°♒18'13	-2°46'03
minimum elong	-9822 Apr 08 j 16:17	5°♒25'26	2°45'44
morning rise	-9822 Apr 16 j 20:44	0°♒55'52	
direct	-9822 Apr 19 j 05:06	0°♒38'08	
morning max el	-9822 Apr 27 j 11:32	4°♒33'20	18°46'35
asc. node	-9822 May 08 j 02:00	19°♒42'24	
morning set	-9822 May 13 j 21:26	0°♓40'23	
	-9822 May 13 j 13:06	0°♓	
superior conj	-9822 May 22 j 18:44	17°♓50'29	1°43'13
minimum elong	-9822 May 22 j 16:26	17°♓39'36	1°42'54
	-9822 May 29 j 09:43	0°♈	
max. Earth dist.	-9822 May 29 j 15:36	0°♈26'10	1.39076 AU
evening rise	-9822 Jun 02 j 19:08	7°♈39'52	
	-9822 Jun 16 j 17:10	0°♉	
desc. node	-9822 Jun 23 j 15:06	10°♉03'37	
evening max el	-9822 Jul 08 j 04:49	28°♉07'28	24°05'48
	-9822 Jul 10 j 04:12	0°♊	
retrograde	-9822 Jul 19 j 03:34	4°♊36'06	
evening set	-9822 Jul 24 j 12:40	2°♊16'50	
	-9822 Jul 26 j 17:18	30°℞♉	
inferior conj	-9822 Jul 29 j 18:38	26°♉00'47	-1°39'06
minimum elong	-9822 Jul 29 j 20:35	25°♉54'07	1°37'58
min. Earth dist.	-9822 Jul 29 j 06:33	26°♉41'55	0.67141 AU
morning rise	-9822 Aug 04 j 04:28	19°♉51'00	
asc. node	-9822 Aug 04 j 02:41	19°♉54'23	
direct	-9822 Aug 08 j 02:32	18°♉23'22	
morning max el	-9822 Aug 16 j 09:15	23°♉17'54	20°50'06
	-9822 Aug 22 j 00:37	0°♊	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9822 Sep 11 j 11:45	0°♋	
morning set	-9822 Sep 14 j 08:06	4°♋25'04	
desc. node	-9822 Sep 19 j 13:13	12°♋37'21	
max. Earth dist.	-9822 Sep 23 j 16:55	19°♋17'17	1.43043 AU
superior conj	-9822 Sep 30 j 01:22	29°♋44'43	-1°01'09
minimum elong	-9822 Sep 29 j 20:28	29°♋24'13	1°00'04
	-9822 Sep 30 j 05:01	0°♌	
evening rise	-9822 Oct 12 j 03:51	20°♌39'02	
	-9822 Oct 17 j 11:19	0°♍	
evening max el	-9822 Oct 29 j 03:41	17°♍17'58	18°07'58
asc. node	-9822 Oct 31 j 01:45	18°♍59'42	
retrograde	-9822 Nov 04 j 20:12	20°♍49'49	
evening set	-9822 Nov 07 j 11:12	20°♍16'38	
inferior conj	-9822 Nov 14 j 01:59	15°♍04'30	3°39'53
minimum elong	-9822 Nov 13 j 22:27	15°♍13'26	3°39'23
min. Earth dist.	-9822 Nov 16 j 18:41	12°♍21'51	0.62337 AU
morning rise	-9822 Nov 20 j 08:41	9°♍16'11	
direct	-9822 Nov 27 j 10:44	6°♍41'21	
morning max el	-9822 Dec 11 j 06:33	14°♍14'46	27°35'43
desc. node	-9822 Dec 16 j 14:14	20°♍01'02	
	-9822 Dec 24 j 03:43	0°♎	
	-9821 Jan 10 j 19:11	0°♏	
morning set	-9821 Jan 13 j 12:39	5°♏26'21	
max. Earth dist.	-9821 Jan 19 j 07:44	17°♏35'08	1.33080 AU
superior conj	-9821 Jan 20 j 21:32	20°♏58'59	-0°56'17
minimum elong	-9821 Jan 20 j 23:34	21°♏10'03	0°56'20
	-9821 Jan 25 j 01:26	0°♐	
asc. node	-9821 Jan 26 j 23:36	4°♐07'00	
evening rise	-9821 Jan 27 j 22:45	6°♐09'14	
	-9821 Feb 09 j 17:42	0°♑	
evening max el	-9821 Feb 21 j 19:58	15°♑24'03	24°13'54
retrograde	-9821 Mar 07 j 14:48	22°♑15'44	
evening set	-9821 Mar 11 j 21:24	21°♑34'50	
desc. node	-9821 Mar 14 j 14:44	20°♑29'45	
min. Earth dist.	-9821 Mar 18 j 09:02	18°♑23'55	0.56533 AU
inferior conj	-9821 Mar 20 j 18:32	16°♑53'24	-1°32'55
minimum elong	-9821 Mar 20 j 15:07	16°♑58'50	1°32'29
morning rise	-9821 Mar 29 j 11:53	12°♑46'24	
direct	-9821 Mar 31 j 17:23	12°♑33'00	
morning max el	-9821 Apr 10 j 10:35	17°♑06'57	19°38'52
	-9821 Apr 19 j 23:28	0°♒	
asc. node	-9821 Apr 24 j 22:53	9°♒07'57	
morning set	-9821 Apr 27 j 21:20	14°♒55'29	
	-9821 May 05 j 09:35	0°♓	
superior conj	-9821 May 06 j 01:05	1°♓16'31	1°29'07
minimum elong	-9821 May 05 j 22:07	1°♓01'54	1°28'28
max. Earth dist.	-9821 May 11 j 17:01	12°♓10'25	1.37255 AU
evening rise	-9821 May 15 j 17:07	19°♓30'44	
	-9821 May 21 j 18:07	0°♈	
desc. node	-9821 Jun 10 j 12:30	29°♈41'43	
	-9821 Jun 10 j 18:05	0°♉	
evening max el	-9821 Jun 20 j 14:33	11°♉30'40	25°23'22
retrograde	-9821 Jul 02 j 14:30	18°♉31'21	
evening set	-9821 Jul 08 j 14:13	15°♉55'04	
min. Earth dist.	-9821 Jul 12 j 22:49	10°♉57'59	0.66707 AU
inferior conj	-9821 Jul 13 j 22:40	9°♉39'48	-2°21'14
minimum elong	-9821 Jul 14 j 01:11	9°♉31'33	2°20'10
morning rise	-9821 Jul 19 j 12:09	3°♉39'34	
asc. node	-9821 Jul 21 j 23:33	2°♉34'07	
direct	-9821 Jul 23 j 00:21	2°♉28'00	
morning max el	-9821 Jul 30 j 10:41	6°♉46'46	19°44'17
	-9821 Aug 16 j 03:33	0°♊	
morning set	-9821 Aug 24 j 10:59	12°♊53'23	
	-9821 Sep 04 j 08:29	0°♋	

max. Earth dist.	-9821 Sep 06 j 05:47	2°♋59'50	1.44165 AU
desc. node	-9821 Sep 06 j 10:14	3°♋17'32	
superior conj	-9821 Sep 09 j 23:57	9°♋00'11	-0°21'38
minimum elong	-9821 Sep 09 j 21:32	8°♋50'30	0°20'45
	-9821 Sep 22 j 18:47	0°♌	
evening rise	-9821 Sep 24 j 02:54	2°♌14'46	
	-9821 Oct 12 j 01:38	0°♍	
evening max el	-9821 Oct 12 j 17:07	0°♍41'00	18°21'56
asc. node	-9821 Oct 17 j 22:59	4°♍08'19	
retrograde	-9821 Oct 19 j 07:50	4°♍18'22	
evening set	-9821 Oct 22 j 03:02	3°♍36'25	
	-9821 Oct 26 j 14:17	30°℞♌	
inferior conj	-9821 Oct 28 j 07:57	28°♌06'09	2°59'23
minimum elong	-9821 Oct 28 j 04:21	28°♌16'13	2°58'44
min. Earth dist.	-9821 Oct 30 j 11:30	25°♌41'50	0.63919 AU
morning rise	-9821 Nov 03 j 05:00	22°♌05'19	
direct	-9821 Nov 10 j 03:18	19°♌19'24	
morning max el	-9821 Nov 23 j 14:57	26°♌53'53	27°24'46
	-9821 Nov 26 j 14:21	0°♍	
desc. node	-9821 Dec 03 j 10:56	8°♍22'07	
	-9821 Dec 17 j 17:07	0°♎	
morning set	-9821 Dec 28 j 09:24	19°♎36'57	
	-9820 Jan 02 j 11:56	0°♏	
max. Earth dist.	-9820 Jan 02 j 11:14	29°♎56'21	1.33767 AU
superior conj	-9820 Jan 05 j 05:11	5°♏44'02	-1°14'53
minimum elong	-9820 Jan 05 j 07:30	5°♏56'23	1°14'51
evening rise	-9820 Jan 12 j 09:52	21°♏03'28	
asc. node	-9820 Jan 13 j 20:51	24°♏04'57	
	-9820 Jan 16 j 19:39	0°♐	
evening max el	-9820 Feb 03 j 14:01	26°♐15'28	22°40'05
	-9820 Feb 08 j 09:31	0°♑	
retrograde	-9820 Feb 16 j 12:17	2°♑29'26	
evening set	-9820 Feb 19 j 19:08	2°♑05'51	
	-9820 Feb 25 j 04:11	30°℞♐	
min. Earth dist.	-9820 Feb 28 j 00:35	28°♐25'41	0.55566 AU
inferior conj	-9820 Feb 28 j 23:27	27°♐52'43	0°08'05
minimum elong	-9820 Feb 28 j 23:47	27°♐52'14	0°07'25
transit middle	-9820 Feb 28 j 23:47	27°♐52'14	0°07'25
transit begin	-9820 Feb 28 j 20:11	27°♐57'26	
transit end	-9820 Feb 29 j 03:23	27°♐47'02	
desc. node	-9820 Feb 29 j 11:47	27°♐34'57	
morning rise	-9820 Mar 09 j 05:48	23°♐50'34	
direct	-9820 Mar 11 j 14:09	23°♐37'34	
morning max el	-9820 Mar 22 j 23:11	29°♐01'38	20°50'28
	-9820 Mar 23 j 22:56	0°♑	
asc. node	-9820 Apr 10 j 19:49	28°♑54'22	
morning set	-9820 Apr 11 j 03:35	29°♑33'58	
	-9820 Apr 11 j 08:40	0°♒	
superior conj	-9820 Apr 18 j 18:50	15°♒19'55	1°10'11
minimum elong	-9820 Apr 18 j 16:05	15°♒05'52	1°09'19
max. Earth dist.	-9820 Apr 23 j 01:43	23°♒56'55	1.35684 AU
	-9820 Apr 26 j 04:41	0°♓	
evening rise	-9820 Apr 27 j 11:29	2°♓25'27	
	-9820 May 13 j 17:29	0°♈	
desc. node	-9820 May 27 j 09:54	18°♈44'35	
evening max el	-9820 Jun 02 j 01:02	24°♈54'14	26°27'55
	-9820 Jun 08 j 06:08	0°♉	
retrograde	-9820 Jun 14 j 20:38	2°♉14'47	
	-9820 Jun 20 j 17:50	30°℞♈	
evening set	-9820 Jun 21 j 09:16	29°♈28'23	
min. Earth dist.	-9820 Jun 25 j 09:46	25°♈10'32	0.65910 AU
inferior conj	-9820 Jun 26 j 22:47	23°♈16'20	-2°56'54
minimum elong	-9820 Jun 27 j 01:25	23°♈08'12	2°56'08
morning rise	-9820 Jul 02 j 17:42	17°♈28'50	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9820 Jul 05 j 22:07	16°♈30'57		
asc. node	-9820 Jul 07 j 20:26	16°♈51'28		
morning max el	-9820 Jul 12 j 18:10	20°♈21'38	18°53'15	
	-9820 Jul 20 j 04:36	0°♉		
morning set	-9820 Aug 03 j 05:50	22°♉08'04		
	-9820 Aug 08 j 04:01	0°♊		
superior conj	-9820 Aug 19 j 02:18	17°♊19'28	0°25'16	
minimum elong	-9820 Aug 19 j 05:30	17°♊32'04	0°25'25	
max. Earth dist.	-9820 Aug 18 j 22:21	17°♊03'51	1.44620 AU	
desc. node	-9820 Aug 23 j 07:22	23°♊59'13		
	-9820 Aug 27 j 02:19	0°♋		
evening rise	-9820 Sep 04 j 01:01	12°♋42'02		
	-9820 Sep 14 j 20:54	0°♌		
evening max el	-9820 Sep 25 j 05:12	14°♌09'11	18°53'31	
retrograde	-9820 Oct 02 j 01:14	18°♌00'50		
asc. node	-9820 Oct 03 j 20:10	17°♌42'35		
evening set	-9820 Oct 05 j 02:52	17°♌07'13		
inferior conj	-9820 Oct 10 j 23:31	11°♌21'45	2°11'42	
minimum elong	-9820 Oct 10 j 20:37	11°♌30'35	2°11'11	
min. Earth dist.	-9820 Oct 12 j 13:51	9°♌24'51	0.65190 AU	
morning rise	-9820 Oct 16 j 13:58	5°♌11'25		
direct	-9820 Oct 23 j 02:05	2°♌27'32		
morning max el	-9820 Nov 05 j 00:55	9°♌55'13	26°43'28	
desc. node	-9820 Nov 19 j 07:40	27°♌30'17		
	-9820 Nov 21 j 01:09	0°♍		
	-9820 Dec 09 j 02:49	0°♎		
morning set	-9820 Dec 10 j 19:17	3°♎10'32		
max. Earth dist.	-9820 Dec 15 j 04:57	11°♎46'16	1.34879 AU	
superior conj	-9820 Dec 19 j 07:45	20°♎09'46	-1°29'51	
minimum elong	-9820 Dec 19 j 09:51	20°♎20'41	1°29'48	
	-9820 Dec 24 j 00:36	0°♏		
evening rise	-9820 Dec 26 j 19:18	5°♏47'55		
asc. node	-9820 Dec 30 j 18:09	13°♏46'25		
	-9819 Jan 09 j 06:46	0°♐		
evening max el	-9819 Jan 15 j 13:47	7°♐23'51	21°11'11	
retrograde	-9819 Jan 27 j 02:27	12°♐50'15		
evening set	-9819 Jan 29 j 20:10	12°♐32'58		
inferior conj	-9819 Feb 07 j 20:24	8°♐33'48	1°55'23	
minimum elong	-9819 Feb 08 j 01:04	8°♐27'07	1°53'28	
min. Earth dist.	-9819 Feb 08 j 14:43	8°♐07'36	0.55458 AU	
desc. node	-9819 Feb 15 j 08:45	4°♐52'10		
morning rise	-9819 Feb 17 j 05:16	4°♐21'32		
direct	-9819 Feb 20 j 04:37	4°♐02'04		
morning max el	-9819 Mar 05 j 00:40	10°♐16'01	22°18'29	
	-9819 Mar 19 j 04:16	0°♑		
morning set	-9819 Mar 26 j 13:49	14°♑28'36		
asc. node	-9819 Mar 28 j 16:50	18°♑55'50		
superior conj	-9819 Apr 02 j 20:34	29°♑50'32	0°48'21	
minimum elong	-9819 Apr 02 j 18:33	29°♑39'53	0°47'27	
	-9819 Apr 02 j 22:22	0°♒		
max. Earth dist.	-9819 Apr 05 j 20:43	6°♒06'13	1.34445 AU	
evening rise	-9819 Apr 10 j 20:45	16°♒07'50		
	-9819 Apr 18 j 08:24	0°♓		
	-9819 May 08 j 05:00	0°♈		
desc. node	-9819 May 14 j 07:16	6°♈57'46		
evening max el	-9819 May 15 j 12:05	8°♈09'56	27°11'09	
retrograde	-9819 May 28 j 21:27	15°♈39'46		
evening set	-9819 Jun 04 j 19:08	12°♈53'29		
min. Earth dist.	-9819 Jun 08 j 13:15	9°♈13'00	0.64721 AU	
inferior conj	-9819 Jun 10 j 16:42	6°♈47'03	-3°23'53	
minimum elong	-9819 Jun 10 j 18:51	6°♈40'54	3°23'34	
morning rise	-9819 Jun 16 j 19:01	1°♈15'15		
direct	-9819 Jun 19 j 17:26	0°♈28'55		
asc. node	-9819 Jun 24 j 17:18	2°♈36'40		
morning max el	-9819 Jun 26 j 06:04	4°♈00'37	18°18'54	
	-9819 Jul 13 j 13:05	0°♉		
morning set	-9819 Jul 15 j 01:50	2°♉33'29		
superior conj	-9819 Jul 29 j 04:55	25°♉41'41	1°07'48	
minimum elong	-9819 Jul 29 j 11:27	26°♉07'50	1°07'34	
	-9819 Jul 31 j 21:37	0°♊		
max. Earth dist.	-9819 Aug 01 j 15:25	1°♊10'46	1.44363 AU	
desc. node	-9819 Aug 10 j 04:32	14°♊39'10		
evening rise	-9819 Aug 14 j 20:34	21°♊56'56		
	-9819 Aug 20 j 00:47	0°♋		
greatest brilliancy	-9819 Aug 26 j 10:16	9°♋49'49	-0.7m	
evening max el	-9819 Sep 08 j 13:13	27°♋37'21	19°41'23	
	-9819 Sep 11 j 04:56	0°♌		
retrograde	-9819 Sep 15 j 21:31	1°♌52'10		
evening set	-9819 Sep 19 j 07:48	0°♌43'47		
	-9819 Sep 20 j 07:04	30°℞♋		
asc. node	-9819 Sep 20 j 17:19	29°♋37'36		
inferior conj	-9819 Sep 24 j 21:55	24°♋46'11	1°20'22	
minimum elong	-9819 Sep 24 j 20:05	24°♋52'08	1°20'13	
min. Earth dist.	-9819 Sep 26 j 00:05	23°♋21'08	0.66146 AU	
morning rise	-9819 Sep 30 j 08:07	18°♋29'32		
direct	-9819 Oct 06 j 06:39	15°♋56'59		
morning max el	-9819 Oct 18 j 10:46	23°♋07'04	25°38'51	
	-9819 Oct 24 j 14:28	0°♌		
desc. node	-9819 Nov 06 j 04:24	17°♌10'54		
	-9819 Nov 14 j 09:02	0°♍		
morning set	-9819 Nov 23 j 13:43	15°♍52'39		
max. Earth dist.	-9819 Nov 27 j 11:48	23°♍09'42	1.36414 AU	
	-9819 Dec 01 j 00:43	0°♎		
superior conj	-9819 Dec 03 j 02:23	4°♎06'18	-1°39'47	
minimum elong	-9819 Dec 03 j 03:38	4°♎12'32	1°39'43	
evening rise	-9819 Dec 11 j 01:06	20°♎15'24		
	-9819 Dec 15 j 23:43	0°♏		
asc. node	-9819 Dec 17 j 15:26	3°♏03'55		
evening max el	-9819 Dec 28 j 22:48	19°♏02'33	19°56'22	
retrograde	-9818 Jan 07 j 21:15	23°♏43'05		
evening set	-9818 Jan 10 j 10:13	23°♏26'06		
inferior conj	-9818 Jan 18 j 22:53	19°♏23'20	3°19'51	
minimum elong	-9818 Jan 19 j 04:20	19°♏14'50	3°18'19	
min. Earth dist.	-9818 Jan 21 j 04:17	18°♏00'40	0.56205 AU	
morning rise	-9818 Jan 27 j 20:28	14°♏47'57		
direct	-9818 Jan 31 j 23:46	14°♏09'56		
desc. node	-9818 Feb 02 j 05:40	14°♏13'28		
morning max el	-9818 Feb 14 j 17:51	21°♏01'42	23°55'28	
	-9818 Feb 22 j 09:46	0°♐		
morning set	-9818 Mar 11 j 02:01	29°♐31'53		
	-9818 Mar 11 j 07:22	0°♑		
asc. node	-9818 Mar 15 j 13:52	9°♑06'52		
superior conj	-9818 Mar 18 j 03:38	14°♑39'25	0°25'01	
minimum elong	-9818 Mar 18 j 02:35	14°♑33'45	0°24'14	
max. Earth dist.	-9818 Mar 20 j 00:53	18°♑41'20	1.33551 AU	
	-9818 Mar 25 j 11:47	0°♒		
evening rise	-9818 Mar 25 j 16:31	0°♒23'46		
	-9818 Apr 11 j 09:16	0°♓		
evening max el	-9818 Apr 27 j 21:52	21°♓05'42	27°26'27	
desc. node	-9818 May 01 j 04:36	24°♓00'33		
retrograde	-9818 May 11 j 16:29	28°♓37'52		
evening set	-9818 May 18 j 16:37	26°♓04'44		
min. Earth dist.	-9818 May 22 j 07:48	22°♓54'48	0.63143 AU	
inferior conj	-9818 May 25 j 01:39	20°♓06'43	-3°39'02	
minimum elong	-9818 May 25 j 02:36	20°♓04'15	3°39'08	
morning rise	-9818 May 31 j 13:36	14°♓53'02		
direct	-9818 Jun 03 j 07:22	14°♓16'32		
morning max el	-9818 Jun 09 j 20:04	17°♓39'22	18°02'20	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9818 Jun 11 j 14:09	19°♓34'04		
	-9818 Jun 18 j 17:29	0°♈		
morning set	-9818 Jun 26 j 22:24	14°♈08'28		
	-9818 Jul 06 j 03:05	0°♉		
superior conj	-9818 Jul 09 j 04:02	5°♉05'42	1°36'18	
minimum elong	-9818 Jul 09 j 08:57	5°♉26'10	1°36'15	
max. Earth dist.	-9818 Jul 15 j 05:14	15°♉00'25	1.43435 AU	
evening rise	-9818 Jul 24 j 22:45	0°♊24'22		
	-9818 Jul 24 j 16:29	0°♊		
desc. node	-9818 Jul 28 j 01:47	5°♊14'29		
	-9818 Aug 13 j 18:15	0°♋		
evening max el	-9818 Aug 22 j 15:11	11°♋03'05	20°43'43	
retrograde	-9818 Aug 30 j 18:19	15°♋49'41		
evening set	-9818 Sep 03 j 15:29	14°♋23'31		
asc. node	-9818 Sep 07 j 14:25	10°♋12'05		
inferior conj	-9818 Sep 09 j 00:52	8°♋17'06	0°28'00	
minimum elong	-9818 Sep 09 j 00:13	8°♋19'16	0°28'19	
min. Earth dist.	-9818 Sep 09 j 16:01	7°♋25'44	0.66803 AU	
morning rise	-9818 Sep 14 j 08:47	1°♋57'34		
	-9818 Sep 17 j 16:36	30°℞♊		
direct	-9818 Sep 19 j 16:36	29°♊41'41		
	-9818 Sep 21 j 19:01	0°♋		
morning max el	-9818 Sep 30 j 20:20	6°♋21'53	24°19'37	
	-9818 Oct 19 j 05:27	0°♌		
desc. node	-9818 Oct 24 j 01:09	7°♌14'38		
morning set	-9818 Nov 05 j 11:16	27°♌28'58		
	-9818 Nov 06 j 22:00	0°♍		
max. Earth dist.	-9818 Nov 09 j 10:51	4°♍29'48	1.38284 AU	
superior conj	-9818 Nov 16 j 09:36	17°♍23'36	-1°42'46	
minimum elong	-9818 Nov 16 j 09:14	17°♍21'51	1°42'34	
	-9818 Nov 22 j 20:30	0°♎		
evening rise	-9818 Nov 25 j 01:05	4°♎19'50		
asc. node	-9818 Dec 04 j 12:43	21°♎49'13		
	-9818 Dec 10 j 12:30	0°♏		
evening max el	-9818 Dec 11 j 17:57	1°♏15'07	19°00'18	
retrograde	-9818 Dec 20 j 06:29	5°♏19'52		
evening set	-9818 Dec 22 j 18:28	5°♏00'19		
inferior conj	-9818 Dec 30 j 17:18	0°♏42'23	4°05'38	
minimum elong	-9818 Dec 30 j 19:56	0°♏37'42	4°05'10	
	-9818 Dec 31 j 17:04	30°℞♎		
min. Earth dist.	-9817 Jan 02 j 18:58	28°♎32'30	0.57629 AU	
morning rise	-9817 Jan 07 j 19:12	25°♎41'26		
direct	-9817 Jan 13 j 06:34	24°♎30'24		
desc. node	-9817 Jan 20 j 02:31	26°♎18'53		
	-9817 Jan 25 j 10:51	0°♏		
morning max el	-9817 Jan 27 j 08:46	1°♏44'00	25°28'28	
	-9817 Feb 16 j 05:18	0°♐		
morning set	-9817 Feb 23 j 14:22	14°♐37'00		
asc. node	-9817 Mar 02 j 10:55	29°♐22'54		
superior conj	-9817 Mar 02 j 13:54	29°♐39'10	0°01'14	
minimum elong	-9817 Mar 02 j 13:52	29°♐38'59	0°00'39	
behind sun begin	-9817 Mar 02 j 08:51	29°♐11'39		
behind sun end	-9817 Mar 02 j 18:54	0°♑06'19		
	-9817 Mar 02 j 17:44	0°♑		
max. Earth dist.	-9817 Mar 03 j 11:23	1°♑35'51	1.32995 AU	
evening rise	-9817 Mar 09 j 19:31	15°♑02'22		
	-9817 Mar 17 j 12:53	0°♒		
	-9817 Apr 06 j 19:24	0°♓		
evening max el	-9817 Apr 10 j 04:12	3°♓30'12	27°09'40	
desc. node	-9817 Apr 18 j 01:55	9°♓24'00		
retrograde	-9817 Apr 24 j 04:48	10°♓59'28		
evening set	-9817 Apr 30 j 22:07	8°♓53'00		
min. Earth dist.	-9817 May 04 j 17:12	6°♓01'08	0.61261 AU	
inferior conj	-9817 May 07 j 22:18	3°♓07'33	-3°37'39	
minimum elong	-9817 May 07 j 21:19	3°♓09'46	3°37'56	
	-9817 May 11 j 16:29	30°℞♒		
morning rise	-9817 May 14 j 22:25	28°♒13'34		
direct	-9817 May 17 j 12:19	27°♒45'25		
	-9817 May 23 j 01:31	0°♓		
morning max el	-9817 May 24 j 09:31	1°♓10'41	18°04'17	
asc. node	-9817 May 29 j 10:58	7°♓27'37		
morning set	-9817 Jun 09 j 15:00	26°♓41'54		
	-9817 Jun 11 j 10:18	0°♈		
superior conj	-9817 Jun 20 j 06:22	15°♈50'31	1°48'49	
minimum elong	-9817 Jun 20 j 07:46	15°♈56'36	1°48'52	
max. Earth dist.	-9817 Jun 27 j 13:23	28°♈15'44	1.41969 AU	
	-9817 Jun 28 j 14:35	0°♉		
evening rise	-9817 Jul 04 j 04:35	9°♉02'45		
desc. node	-9817 Jul 14 j 23:06	25°♉41'02		
	-9817 Jul 17 j 20:49	0°♊		
evening max el	-9817 Aug 05 j 10:20	24°♊25'35	21°57'45	
retrograde	-9817 Aug 14 j 13:50	29°♊50'38		
evening set	-9817 Aug 18 j 23:52	28°♊04'21		
inferior conj	-9817 Aug 24 j 06:23	21°♊52'08	-0°23'30	
minimum elong	-9817 Aug 24 j 06:53	21°♊50'25	0°22'45	
min. Earth dist.	-9817 Aug 24 j 11:09	21°♊35'40	0.67172 AU	
asc. node	-9817 Aug 25 j 11:25	20°♊12'34		
morning rise	-9817 Aug 29 j 13:46	15°♊33'31		
direct	-9817 Sep 03 j 07:24	13°♊36'31		
morning max el	-9817 Sep 13 j 07:17	19°♊37'03	22°55'01	
	-9817 Sep 21 j 23:56	0°♋		
desc. node	-9817 Oct 10 j 21:58	27°♋34'29		
	-9817 Oct 12 j 10:54	0°♌		
morning set	-9817 Oct 17 j 06:52	7°♌47'40		
max. Earth dist.	-9817 Oct 22 j 08:53	16°♌18'40	1.40287 AU	
superior conj	-9817 Oct 30 j 00:43	29°♌49'24	-1°36'23	
minimum elong	-9817 Oct 29 j 22:08	29°♌37'37	1°35'53	
	-9817 Oct 30 j 03:03	0°♍		
evening rise	-9817 Nov 08 j 16:34	17°♍54'46		
	-9817 Nov 15 j 04:50	0°♎		
asc. node	-9817 Nov 21 j 10:00	9°♎52'12		
evening max el	-9817 Nov 24 j 21:48	13°♎57'16	18°24'24	
retrograde	-9817 Dec 02 j 09:31	17°♎39'32		
evening set	-9817 Dec 04 j 21:50	17°♎15'45		
inferior conj	-9817 Dec 12 j 07:13	12°♎37'04	4°15'01	
minimum elong	-9817 Dec 12 j 06:24	12°♎38'44	4°14'55	
min. Earth dist.	-9817 Dec 15 j 13:18	9°♎58'05	0.59433 AU	
morning rise	-9817 Dec 19 j 13:15	7°♎15'05		
direct	-9817 Dec 26 j 01:21	5°♎25'13		
desc. node	-9816 Jan 06 j 23:17	10°♎51'30		
morning max el	-9816 Jan 09 j 03:17	12°♎49'14	26°42'37	
	-9816 Jan 22 j 18:13	0°♏		
morning set	-9816 Feb 08 j 01:10	29°♏37'33		
	-9816 Feb 08 j 05:28	0°♐		
superior conj	-9816 Feb 15 j 01:38	14°♐43'27	-0°22'09	
minimum elong	-9816 Feb 15 j 02:34	14°♐48'33	0°22'29	
max. Earth dist.	-9816 Feb 15 j 00:50	14°♐39'03	1.32763 AU	
asc. node	-9816 Feb 17 j 08:01	19°♐40'05		
evening rise	-9816 Feb 22 j 03:16	29°♐55'12		
	-9816 Feb 22 j 04:11	0°♑		
	-9816 Mar 09 j 20:36	0°♒		
evening max el	-9816 Mar 22 j 05:24	15°♒17'54	26°20'47	
desc. node	-9816 Apr 03 j 23:08	22°♒34'02		
retrograde	-9816 Apr 05 j 08:32	22°♒38'53		
evening set	-9816 Apr 11 j 08:43	21°♒07'49		
min. Earth dist.	-9816 Apr 15 j 18:44	18°♒18'57	0.59262 AU	
inferior conj	-9816 Apr 19 j 03:07	15°♒41'45	-3°13'21	
minimum elong	-9816 Apr 18 j 23:59	15°♒47'57	3°13'20	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning rise	-9816 Apr 26 j 18:00	11°♒07'50	
direct	-9816 Apr 29 j 04:21	10°♒46'42	
morning max el	-9816 May 06 j 19:38	14°♒27'04	18°25'23
asc. node	-9816 May 15 j 07:48	26°♒05'01	
	-9816 May 17 j 13:31	0°♓	
morning set	-9816 May 22 j 22:53	10°♓03'03	
superior conj	-9816 Jun 01 j 09:12	27°♓49'39	1°48'07
minimum elong	-9816 Jun 01 j 07:50	27°♓43'23	1°48'00
	-9816 Jun 02 j 13:43	0°♈	
max. Earth dist.	-9816 Jun 08 j 16:09	10°♈49'38	1.40175 AU
evening rise	-9816 Jun 13 j 08:51	18°♈47'17	
	-9816 Jun 20 j 07:23	0°♉	
desc. node	-9816 Jun 30 j 20:26	15°♉54'07	
	-9816 Jul 11 j 04:59	0°♊	
evening max el	-9816 Jul 17 j 23:48	7°♊46'52	23°18'41
retrograde	-9816 Jul 28 j 06:39	13°♊52'38	
evening set	-9816 Aug 02 j 07:08	11°♊45'14	
inferior conj	-9816 Aug 07 j 12:43	5°♊30'05	-1°12'33
minimum elong	-9816 Aug 07 j 14:13	5°♊24'56	1°11'29
min. Earth dist.	-9816 Aug 07 j 07:02	5°♊49'39	0.67248 AU
asc. node	-9816 Aug 11 j 08:23	0°♊40'51	
	-9816 Aug 12 j 00:49	30°℞♉	
morning rise	-9816 Aug 12 j 21:12	29°♉16'02	
direct	-9816 Aug 17 j 01:57	27°♉37'55	
	-9816 Aug 22 j 17:08	0°♊	
morning max el	-9816 Aug 25 j 22:31	2°♊55'24	21°33'14
	-9816 Sep 15 j 00:58	0°♋	
morning set	-9816 Sep 26 j 00:19	16°♋52'12	
desc. node	-9816 Sep 26 j 18:50	18°♋05'26	
max. Earth dist.	-9816 Oct 03 j 12:20	28°♋57'23	1.42151 AU
	-9816 Oct 04 j 03:31	0°♌	
superior conj	-9816 Oct 10 j 18:06	11°♌09'04	-1°17'59
minimum elong	-9816 Oct 10 j 13:31	10°♌49'17	1°17'04
	-9816 Oct 21 j 08:35	0°♍	
evening rise	-9816 Oct 21 j 20:05	0°♍52'12	
asc. node	-9816 Nov 07 j 07:16	26°♍59'47	
evening max el	-9816 Nov 07 j 07:40	27°♍00'48	18°08'25
	-9816 Nov 11 j 12:03	0°♎	
retrograde	-9816 Nov 14 j 04:29	0°♎33'12	
evening set	-9816 Nov 16 j 18:10	0°♎03'48	
	-9816 Nov 16 j 22:06	30°℞♍	
inferior conj	-9816 Nov 23 j 15:17	25°♍03'16	3°57'54
minimum elong	-9816 Nov 23 j 12:18	25°♍10'16	3°57'35
min. Earth dist.	-9816 Nov 26 j 14:31	22°♍16'44	0.61316 AU
morning rise	-9816 Nov 30 j 05:16	19°♍23'59	
direct	-9816 Dec 07 j 05:39	17°♍02'02	
morning max el	-9816 Dec 21 j 04:05	24°♍31'50	27°26'30
desc. node	-9816 Dec 23 j 20:00	27°♍16'08	
	-9816 Dec 26 j 05:38	0°♎	
	-9815 Jan 14 j 22:50	0°♏	
morning set	-9815 Jan 22 j 08:23	14°♏25'04	
max. Earth dist.	-9815 Jan 28 j 13:28	27°♏36'15	1.32864 AU
superior conj	-9815 Jan 29 j 13:07	29°♏44'50	-0°44'21
minimum elong	-9815 Jan 29 j 14:50	29°♏54'11	0°44'29
	-9815 Jan 29 j 15:54	0°♐	
asc. node	-9815 Feb 03 j 05:11	9°♐53'18	
evening rise	-9815 Feb 05 j 13:39	14°♐53'27	
	-9815 Feb 13 j 05:30	0°♑	
evening max el	-9815 Mar 04 j 01:09	26°♑29'43	25°05'15
	-9815 Mar 08 j 06:20	0°♒	
retrograde	-9815 Mar 18 j 01:15	3°♒34'57	
desc. node	-9815 Mar 21 j 20:17	3°♒01'26	
evening set	-9815 Mar 23 j 00:05	2°♒38'19	
	-9815 Mar 28 j 01:18	30°℞♑	
min. Earth dist.	-9815 Mar 28 j 14:16	29°♑39'01	0.57411 AU
inferior conj	-9815 Mar 31 j 12:51	27°♑39'37	-2°19'09
minimum elong	-9815 Mar 31 j 08:43	27°♑46'40	2°18'39
morning rise	-9815 Apr 08 j 20:32	23°♑24'19	
direct	-9815 Apr 11 j 03:35	23°♑08'37	
morning max el	-9815 Apr 19 j 23:28	27°♑18'28	19°06'18
	-9815 Apr 22 j 11:55	0°♒	
asc. node	-9815 May 02 j 04:40	15°♒15'22	
morning set	-9815 May 06 j 17:55	24°♒01'11	
	-9815 May 09 j 18:32	0°♓	
superior conj	-9815 May 15 j 07:00	10°♓48'03	1°37'58
minimum elong	-9815 May 15 j 04:17	10°♓34'57	1°37'31
max. Earth dist.	-9815 May 21 j 16:49	22°♓47'55	1.38292 AU
evening rise	-9815 May 25 j 16:29	29°♓53'50	
	-9815 May 25 j 17:54	0°♈	
	-9815 Jun 13 j 14:54	0°♉	
desc. node	-9815 Jun 17 j 17:50	5°♉47'24	
evening max el	-9815 Jun 30 j 10:09	21°♉09'23	24°39'48
retrograde	-9815 Jul 11 j 19:52	27°♉52'05	
evening set	-9815 Jul 17 j 11:22	25°♉25'01	
min. Earth dist.	-9815 Jul 22 j 01:13	20°♉06'01	0.67007 AU
inferior conj	-9815 Jul 22 j 18:08	19°♉09'16	-1°57'39
minimum elong	-9815 Jul 22 j 20:22	19°♉01'45	1°56'31
morning rise	-9815 Jul 28 j 05:20	13°♉03'18	
asc. node	-9815 Jul 29 j 05:19	12°♉25'44	
direct	-9815 Jul 31 j 23:02	11°♉42'40	
morning max el	-9815 Aug 08 j 20:10	16°♉20'35	20°20'27
	-9815 Aug 19 j 09:49	0°♊	
morning set	-9815 Sep 05 j 02:49	25°♊18'16	
	-9815 Sep 08 j 03:06	0°♋	
desc. node	-9815 Sep 13 j 15:48	8°♋43'32	
max. Earth dist.	-9815 Sep 15 j 22:54	12°♋23'48	1.43600 AU
superior conj	-9815 Sep 21 j 08:37	21°♋10'11	-0°45'49
minimum elong	-9815 Sep 21 j 04:14	20°♋52'13	0°44'45
	-9815 Sep 26 j 16:05	0°♌	
evening rise	-9815 Oct 04 j 07:07	13°♌02'13	
	-9815 Oct 14 j 06:46	0°♍	
evening max el	-9815 Oct 21 j 20:39	10°♍18'45	18°11'39
asc. node	-9815 Oct 25 j 04:31	12°♍56'56	
retrograde	-9815 Oct 28 j 11:23	13°♍51'51	
evening set	-9815 Oct 31 j 03:59	13°♍15'07	
inferior conj	-9815 Nov 06 j 14:19	7°♍54'36	3°23'52
minimum elong	-9815 Nov 06 j 10:38	8°♍04'21	3°23'17
min. Earth dist.	-9815 Nov 09 j 01:26	5°♍18'36	0.63044 AU
morning rise	-9815 Nov 12 j 16:30	2°♍00'42	
	-9815 Nov 16 j 04:32	30°℞♌	
direct	-9815 Nov 19 j 17:51	29°♌19'46	
	-9815 Nov 23 j 11:31	0°♍	
morning max el	-9815 Dec 03 j 10:38	6°♍53'38	27°35'16
desc. node	-9815 Dec 10 j 16:43	15°♍02'00	
	-9815 Dec 21 j 06:22	0°♎	
morning set	-9814 Jan 06 j 09:46	28°♎51'51	
	-9814 Jan 06 j 23:17	0°♏	
max. Earth dist.	-9814 Jan 11 j 21:34	10°♏14'43	1.33326 AU
superior conj	-9814 Jan 13 j 22:41	14°♏37'27	-1°04'32
minimum elong	-9814 Jan 14 j 00:54	14°♏49'22	1°04'33
evening rise	-9814 Jan 21 j 01:00	29°♏50'49	
asc. node	-9814 Jan 21 j 02:24	29°♏58'07	
	-9814 Jan 21 j 02:45	0°♐	
	-9814 Feb 07 j 06:51	0°♑	
evening max el	-9814 Feb 13 j 18:08	7°♑20'44	23°34'05
retrograde	-9814 Feb 27 j 05:38	13°♑58'09	
evening set	-9814 Mar 03 j 01:23	13°♑26'00	
desc. node	-9814 Mar 08 j 17:23	10°♑58'02	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9814 Mar 10 j 06:25	10°♉04'29	0.56029 AU
inferior conj	-9814 Mar 12 j 02:56	8°♉57'37	-0°52'36
minimum elong	-9814 Mar 12 j 00:46	9°♉00'53	0°52'30
morning rise	-9814 Mar 21 j 02:43	4°♉54'44	
direct	-9814 Mar 23 j 08:32	4°♉42'01	
morning max el	-9814 Apr 02 j 18:15	9°♉35'46	20°07'07
	-9814 Apr 16 j 13:53	0°♒	
asc. node	-9814 Apr 19 j 01:35	4°♒50'32	
morning set	-9814 Apr 20 j 20:49	8°♒27'11	
superior conj	-9814 Apr 28 j 18:40	24°♒31'27	1°21'33
minimum elong	-9814 Apr 28 j 15:43	24°♒16'39	1°20'48
	-9814 May 01 j 12:58	0°♓	
max. Earth dist.	-9814 May 03 j 20:54	4°♓30'44	1.36549 AU
evening rise	-9814 May 07 j 23:47	12°♓13'29	
	-9814 May 18 j 07:07	0°♈	
desc. node	-9814 Jun 04 j 15:14	25°♈12'10	
	-9814 Jun 08 j 14:18	0°♉	
evening max el	-9814 Jun 12 j 19:57	4°♉33'04	25°52'50
retrograde	-9814 Jun 25 j 04:47	11°♉43'36	
evening set	-9814 Jul 01 j 10:29	9°♉01'38	
min. Earth dist.	-9814 Jul 05 j 15:23	4°♉21'34	0.66419 AU
inferior conj	-9814 Jul 06 j 20:45	2°♉47'32	-2°37'18
minimum elong	-9814 Jul 06 j 23:23	2°♉39'07	2°36'19
	-9814 Jul 09 j 03:07	30°℞♈	
morning rise	-9814 Jul 12 j 12:22	26°♈52'40	
direct	-9814 Jul 15 j 21:00	25°♈47'19	
asc. node	-9814 Jul 16 j 02:14	25°♈47'35	
morning max el	-9814 Jul 23 j 00:27	29°♈52'52	19°20'39
	-9814 Jul 23 j 03:13	0°♉	
	-9814 Aug 12 j 21:08	0°♊	
morning set	-9814 Aug 15 j 10:35	4°♊01'35	
max. Earth dist.	-9814 Aug 29 j 14:04	26°♊19'10	1.44446 AU
superior conj	-9814 Aug 31 j 20:44	29°♊56'07	-0°02'01
minimum elong	-9814 Aug 31 j 20:34	29°♊55'26	0°01'25
behind sun begin	-9814 Aug 31 j 09:21	29°♊10'50	
behind sun end	-9814 Sep 01 j 07:47	0°♋40'05	
desc. node	-9814 Aug 31 j 12:51	29°♊24'45	
	-9814 Aug 31 j 21:43	0°♋	
evening rise	-9814 Sep 15 j 20:11	24°♋10'40	
	-9814 Sep 19 j 08:55	0°♌	
evening max el	-9814 Oct 05 j 09:46	23°♌44'08	18°33'13
retrograde	-9814 Oct 12 j 02:01	27°♌26'53	
asc. node	-9814 Oct 12 j 01:45	27°♌26'53	
evening set	-9814 Oct 14 j 23:36	26°♌40'25	
inferior conj	-9814 Oct 21 j 00:46	21°♌03'04	2°39'46
minimum elong	-9814 Oct 20 j 21:25	21°♌12'52	2°39'09
min. Earth dist.	-9814 Oct 22 j 22:33	18°♌49'39	0.64497 AU
morning rise	-9814 Oct 26 j 18:40	14°♌57'32	
direct	-9814 Nov 02 j 13:01	12°♌11'15	
morning max el	-9814 Nov 15 j 20:14	19°♌44'30	27°10'33
	-9814 Nov 24 j 18:04	0°♍	
desc. node	-9814 Nov 27 j 13:26	3°♍44'53	
	-9814 Dec 14 j 05:13	0°♎	
morning set	-9814 Dec 21 j 02:21	12°♎47'58	
max. Earth dist.	-9814 Dec 25 j 21:17	22°♎22'53	1.34186 AU
superior conj	-9814 Dec 29 j 04:25	29°♎14'41	-1°21'45
minimum elong	-9814 Dec 29 j 06:43	29°♎26'47	1°21'44
	-9814 Dec 29 j 13:01	0°♏	
evening rise	-9813 Jan 05 j 11:36	14°♏41'09	
asc. node	-9813 Jan 07 j 23:40	19°♏49'31	
	-9813 Jan 13 j 07:38	0°♐	
evening max el	-9813 Jan 26 j 13:47	18°♐15'53	22°00'59
retrograde	-9813 Feb 07 j 23:22	24°♐11'02	
evening set	-9813 Feb 10 j 23:05	23°♐51'12	
inferior conj	-9813 Feb 20 j 02:52	19°♐45'47	0°54'42
minimum elong	-9813 Feb 20 j 05:14	19°♐42'24	0°53'22
min. Earth dist.	-9813 Feb 19 j 21:19	19°♐53'41	0.55401 AU
desc. node	-9813 Feb 23 j 14:25	17°♐51'12	
morning rise	-9813 Mar 01 j 11:57	15°♐41'27	
direct	-9813 Mar 04 j 00:33	15°♐27'00	
morning max el	-9813 Mar 16 j 02:08	21°♐13'12	21°26'24
	-9813 Mar 23 j 08:49	0°♑	
morning set	-9813 Apr 05 j 05:01	23°♑13'30	
asc. node	-9813 Apr 05 j 22:33	24°♑44'06	
	-9813 Apr 08 j 11:06	0°♒	
superior conj	-9813 Apr 12 j 16:13	8°♒48'04	1°01'12
minimum elong	-9813 Apr 12 j 13:44	8°♒35'12	1°00'18
max. Earth dist.	-9813 Apr 16 j 09:33	16°♒24'19	1.35103 AU
evening rise	-9813 Apr 21 j 01:05	25°♒30'32	
	-9813 Apr 23 j 10:27	0°♓	
	-9813 May 11 j 17:21	0°♈	
desc. node	-9813 May 22 j 12:39	13°♈56'39	
evening max el	-9813 May 26 j 06:35	17°♈54'24	26°49'19
retrograde	-9813 Jun 08 j 08:58	25°♈21'01	
evening set	-9813 Jun 15 j 02:02	22°♈32'56	
min. Earth dist.	-9813 Jun 18 j 23:25	18°♈31'35	0.65450 AU
inferior conj	-9813 Jun 20 j 18:33	16°♈22'43	-3°09'36
minimum elong	-9813 Jun 20 j 21:04	16°♈15'12	3°09'00
morning rise	-9813 Jun 26 j 16:23	10°♈41'44	
direct	-9813 Jun 29 j 17:56	9°♈49'12	
asc. node	-9813 Jul 02 j 23:07	10°♈44'34	
morning max el	-9813 Jul 06 j 10:09	13°♈30'55	18°36'31
	-9813 Jul 18 j 04:20	0°♉	
morning set	-9813 Jul 26 j 15:44	13°♉45'38	
	-9813 Aug 05 j 17:19	0°♊	
superior conj	-9813 Aug 10 j 20:24	8°♊09'18	0°44'34
minimum elong	-9813 Aug 11 j 01:37	8°♊29'54	0°44'28
max. Earth dist.	-9813 Aug 12 j 06:47	10°♊25'19	1.44600 AU
desc. node	-9813 Aug 18 j 09:59	20°♊06'20	
	-9813 Aug 24 j 16:24	0°♋	
evening rise	-9813 Aug 27 j 06:48	4°♋06'47	
	-9813 Sep 13 j 01:23	0°♌	
evening max el	-9813 Sep 18 j 20:22	7°♌12'40	19°11'54
retrograde	-9813 Sep 25 j 20:58	11°♌13'22	
asc. node	-9813 Sep 28 j 22:56	10°♌18'31	
evening set	-9813 Sep 29 j 01:54	10°♌14'04	
inferior conj	-9813 Oct 04 j 19:34	4°♌23'07	1°50'11
minimum elong	-9813 Oct 04 j 17:06	4°♌30'53	1°49'48
min. Earth dist.	-9813 Oct 06 j 04:40	2°♌39'06	0.65640 AU
	-9813 Oct 08 j 10:44	30°℞♋	
morning rise	-9813 Oct 10 j 07:55	28°♋09'26	
direct	-9813 Oct 16 j 14:31	25°♋29'12	
	-9813 Oct 26 j 03:35	0°♌	
morning max el	-9813 Oct 29 j 06:18	2°♌51'40	26°18'08
desc. node	-9813 Nov 14 j 10:08	23°♌08'07	
	-9813 Nov 18 j 23:50	0°♍	
morning set	-9813 Dec 04 j 06:15	26°♍01'26	
	-9813 Dec 06 j 08:44	0°♎	
max. Earth dist.	-9813 Dec 08 j 09:58	3°♎58'15	1.35479 AU
superior conj	-9813 Dec 13 j 03:58	13°♎28'56	-1°34'48
minimum elong	-9813 Dec 13 j 05:47	13°♎38'16	1°34'45
evening rise	-9813 Dec 20 j 19:42	29°♎18'41	
	-9813 Dec 21 j 03:46	0°♏	
asc. node	-9813 Dec 25 j 20:57	9°♏21'28	
evening max el	-9812 Jan 08 j 17:15	29°♏36'12	20°37'18
	-9812 Jan 09 j 03:36	0°♐	
retrograde	-9812 Jan 19 j 13:50	4°♐42'08	
evening set	-9812 Jan 22 j 04:34	4°♐25'38	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

inferior conj	-9812 Jan 31 j 00:31	0°♐27'13	2°35'29
minimum elong	-9812 Jan 31 j 06:04	0°♐19'03	2°33'32
	-9812 Jan 31 j 19:01	30°℞♏	
min. Earth dist.	-9812 Feb 01 j 11:25	29°♏36'00	0.55669 AU
morning rise	-9812 Feb 09 j 06:01	26°♏05'41	
desc. node	-9812 Feb 10 j 11:22	25°♏50'44	
direct	-9812 Feb 12 j 15:58	25°♏40'03	
	-9812 Feb 23 j 10:24	0°♐	
morning max el	-9812 Feb 25 j 23:31	2°♐13'04	22°59'24
	-9812 Mar 15 j 15:15	0°♑	
morning set	-9812 Mar 19 j 16:16	8°♑12'13	
asc. node	-9812 Mar 22 j 19:32	14°♑49'58	
superior conj	-9812 Mar 26 j 20:28	23°♑27'17	0°38'34
minimum elong	-9812 Mar 26 j 18:50	23°♑18'37	0°37'42
max. Earth dist.	-9812 Mar 29 j 08:28	28°♑43'38	1.34014 AU
	-9812 Mar 29 j 23:07	0°♒	
evening rise	-9812 Apr 03 j 15:15	9°♒28'43	
	-9812 Apr 14 j 20:59	0°♓	
	-9812 May 06 j 15:57	0°♈	
evening max el	-9812 May 07 j 17:24	1°♈03'21	27°21'32
desc. node	-9812 May 08 j 10:02	1°♈43'07	
retrograde	-9812 May 21 j 07:34	8°♈35'20	
evening set	-9812 May 28 j 07:03	5°♈53'09	
min. Earth dist.	-9812 May 31 j 23:22	2°♈26'34	0.64087 AU
inferior conj	-9812 Jun 03 j 09:00	29°♓49'38	-3°32'02
minimum elong	-9812 Jun 03 j 10:45	29°♓44'51	3°31'54
	-9812 Jun 03 j 05:13	30°℞♓	
morning rise	-9812 Jun 09 j 15:06	24°♓25'03	
direct	-9812 Jun 12 j 11:19	23°♓43'10	
asc. node	-9812 Jun 18 j 19:57	27°♓02'13	
morning max el	-9812 Jun 18 j 23:10	27°♓10'13	18°09'35
	-9812 Jun 21 j 10:56	0°♈	
morning set	-9812 Jul 06 j 22:38	24°♈41'46	
	-9812 Jul 10 j 01:38	0°♉	
superior conj	-9812 Jul 20 j 05:59	16°♉53'01	1°21'53
minimum elong	-9812 Jul 20 j 12:20	17°♉18'47	1°21'41
max. Earth dist.	-9812 Jul 24 j 22:26	24°♉25'51	1.44048 AU
	-9812 Jul 28 j 10:34	0°♊	
desc. node	-9812 Aug 04 j 07:12	10°♊45'05	
evening rise	-9812 Aug 05 j 16:57	12°♊56'13	
	-9812 Aug 16 j 20:02	0°♋	
evening max el	-9812 Sep 01 j 02:05	20°♋40'56	20°06'17
retrograde	-9812 Sep 08 j 17:37	25°♋07'59	
evening set	-9812 Sep 12 j 08:15	23°♋52'31	
asc. node	-9812 Sep 14 j 20:03	21°♋35'55	
inferior conj	-9812 Sep 17 j 20:10	17°♋51'04	0°58'11
minimum elong	-9812 Sep 17 j 18:50	17°♋55'29	0°58'13
min. Earth dist.	-9812 Sep 18 j 17:37	16°♋39'58	0.66469 AU
morning rise	-9812 Sep 23 j 05:11	11°♋32'49	
direct	-9812 Sep 28 j 21:38	9°♋06'37	
morning max el	-9812 Oct 10 j 15:44	16°♋05'14	25°06'14
	-9812 Oct 22 j 05:24	0°♌	
desc. node	-9812 Oct 31 j 06:52	13°♌00'02	
	-9812 Nov 10 j 21:45	0°♍	
morning set	-9812 Nov 15 j 16:33	8°♍18'02	
max. Earth dist.	-9812 Nov 19 j 12:35	15°♍15'59	1.37179 AU
superior conj	-9812 Nov 25 j 18:18	27°♍11'13	-1°42'03
minimum elong	-9812 Nov 25 j 18:57	27°♍14'26	1°41'56
	-9812 Nov 27 j 04:29	0°♎	
evening rise	-9812 Dec 03 j 23:20	13°♎37'45	
asc. node	-9812 Dec 11 j 18:14	28°♎26'51	
	-9812 Dec 12 j 16:04	0°♏	
evening max el	-9812 Dec 21 j 06:49	11°♏30'45	19°30'06
retrograde	-9812 Dec 30 j 13:33	15°♏53'54	

evening set	-9811 Jan 02 j 02:04	15°♏35'58	
inferior conj	-9811 Jan 10 j 08:56	11°♏28'02	3°44'11
minimum elong	-9811 Jan 10 j 13:28	11°♏20'36	3°43'08
min. Earth dist.	-9811 Jan 13 j 01:10	9°♏43'33	0.56748 AU
morning rise	-9811 Jan 18 j 22:41	6°♏41'46	
direct	-9811 Jan 23 j 16:15	5°♏50'56	
desc. node	-9811 Jan 27 j 08:13	6°♏22'01	
morning max el	-9811 Feb 06 j 14:44	12°♏53'34	24°36'22
	-9811 Feb 19 j 19:05	0°♐	
morning set	-9811 Mar 04 j 04:43	23°♐17'07	
	-9811 Mar 07 j 08:24	0°♑	
asc. node	-9811 Mar 09 j 16:34	5°♑03'42	
superior conj	-9811 Mar 11 j 05:06	8°♑21'32	0°14'55
minimum elong	-9811 Mar 11 j 04:29	8°♑18'10	0°14'13
behind sun begin	-9811 Mar 11 j 02:17	8°♑06'17	
behind sun end	-9811 Mar 11 j 06:41	8°♑30'03	
max. Earth dist.	-9811 Mar 12 j 15:52	11°♑28'54	1.33278 AU
evening rise	-9811 Mar 18 j 14:28	23°♑55'46	
	-9811 Mar 21 j 15:52	0°♒	
	-9811 Apr 08 j 14:02	0°♓	
evening max el	-9811 Apr 20 j 02:13	13°♓47'35	27°23'27
desc. node	-9811 Apr 25 j 07:22	18°♓07'34	
retrograde	-9811 May 03 j 23:38	21°♓18'13	
evening set	-9811 May 10 j 22:05	18°♓55'18	
min. Earth dist.	-9811 May 14 j 14:02	15°♓54'34	0.62371 AU
inferior conj	-9811 May 17 j 13:07	13°♓02'08	-3°40'50
minimum elong	-9811 May 17 j 13:20	13°♓01'37	3°41'04
morning rise	-9811 May 24 j 05:53	7°♓56'21	
direct	-9811 May 26 j 22:01	7°♓23'26	
morning max el	-9811 Jun 02 j 13:08	10°♓45'50	18°00'51
asc. node	-9811 Jun 05 j 16:46	14°♓24'48	
	-9811 Jun 15 j 09:38	0°♈	
morning set	-9811 Jun 19 j 04:17	6°♈43'00	
superior conj	-9811 Jun 30 j 16:27	26°♈50'15	1°43'28
minimum elong	-9811 Jun 30 j 19:54	27°♈04'53	1°43'30
	-9811 Jul 02 j 13:25	0°♉	
max. Earth dist.	-9811 Jul 07 j 10:22	8°♉03'49	1.42870 AU
evening rise	-9811 Jul 15 j 17:47	21°♉20'18	
	-9811 Jul 21 j 08:11	0°♊	
desc. node	-9811 Jul 22 j 04:28	1°♊17'22	
	-9811 Aug 11 j 09:49	0°♋	
evening max el	-9811 Aug 15 j 01:14	4°♋05'53	21°14'03
retrograde	-9811 Aug 23 j 13:57	9°♋07'38	
evening set	-9811 Aug 27 j 16:28	7°♋33'00	
asc. node	-9811 Sep 01 j 17:06	1°♋48'56	
inferior conj	-9811 Sep 02 j 00:25	1°♋23'56	0°05'57
minimum elong	-9811 Sep 02 j 00:16	1°♋24'26	0°06'28
transit middle	-9811 Sep 02 j 00:16	1°♋24'26	0°06'28
transit begin	-9811 Sep 01 j 21:46	1°♋32'58	
transit end	-9811 Sep 02 j 02:46	1°♋15'53	
min. Earth dist.	-9811 Sep 02 j 11:05	0°♋47'23	0.67000 AU
	-9811 Sep 03 j 01:01	30°℞♊	
morning rise	-9811 Sep 07 j 07:55	25°♊04'38	
direct	-9811 Sep 12 j 09:41	22°♊56'40	
morning max el	-9811 Sep 23 j 01:30	29°♊20'03	23°43'49
	-9811 Sep 23 j 17:00	0°♋	
	-9811 Oct 16 j 01:46	0°♌	
desc. node	-9811 Oct 18 j 03:36	3°♌11'35	
morning set	-9811 Oct 28 j 03:31	19°♌22'20	
max. Earth dist.	-9811 Nov 01 j 10:42	26°♌46'47	1.39144 AU
	-9811 Nov 03 j 06:20	0°♍	
superior conj	-9811 Nov 08 j 19:20	10°♍08'48	-1°41'23
minimum elong	-9811 Nov 08 j 18:04	10°♍02'54	1°41'04
evening rise	-9811 Nov 17 j 20:05	27°♍31'01	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9811 Nov 19 j 02:51	0°♎	
asc. node	-9811 Nov 28 j 15:32	16°♎55'47	
evening max el	-9811 Dec 04 j 05:55	23°♎56'43	18°42'26
retrograde	-9811 Dec 12 j 06:32	27°♎50'20	
evening set	-9811 Dec 14 j 18:38	27°♎29'01	
inferior conj	-9811 Dec 22 j 11:34	23°♎02'13	4°13'31
minimum elong	-9811 Dec 22 j 12:39	23°♎00'09	4°13'19
min. Earth dist.	-9811 Dec 25 j 16:41	20°♎37'44	0.58377 AU
morning rise	-9811 Dec 30 j 04:45	17°♎51'59	
direct	-9810 Jan 05 j 03:58	16°♎24'39	
desc. node	-9810 Jan 14 j 05:00	19°♎34'00	
morning max el	-9810 Jan 19 j 06:33	23°♎42'38	26°03'09
	-9810 Jan 24 j 23:42	0°♏	
	-9810 Feb 12 j 14:06	0°♐	
morning set	-9810 Feb 16 j 16:38	8°♐21'04	
superior conj	-9810 Feb 23 j 16:11	23°♐23'36	-0°08'49
minimum elong	-9810 Feb 23 j 16:34	23°♐25'45	0°09'17
behind sun begin	-9810 Feb 23 j 12:30	23°♐03'31	
behind sun end	-9810 Feb 23 j 20:39	23°♐47'58	
max. Earth dist.	-9810 Feb 24 j 04:14	24°♐29'19	1.32862 AU
asc. node	-9810 Feb 24 j 13:39	25°♐20'37	
	-9810 Feb 26 j 17:11	0°♑	
evening rise	-9810 Mar 02 j 19:45	8°♑41'11	
	-9810 Mar 14 j 02:26	0°♒	
evening max el	-9810 Apr 02 j 06:30	25°♒56'24	26°52'33
	-9810 Apr 07 j 03:42	0°♓	
desc. node	-9810 Apr 12 j 04:37	2°♓38'33	
retrograde	-9810 Apr 16 j 08:12	3°♓22'19	
evening set	-9810 Apr 22 j 19:44	1°♓30'10	
	-9810 Apr 25 j 03:05	30°℞♒	
min. Earth dist.	-9810 Apr 26 j 19:35	28°♒41'44	0.60413 AU
inferior conj	-9810 Apr 30 j 03:27	25°♒52'24	-3°30'36
minimum elong	-9810 Apr 30 j 01:31	25°♒56'32	3°30'48
morning rise	-9810 May 07 j 09:32	21°♒07'06	
direct	-9810 May 09 j 22:05	20°♒41'58	
morning max el	-9810 May 17 j 01:30	24°♒11'35	18°10'58
	-9810 May 21 j 19:48	0°♓	
asc. node	-9810 May 23 j 13:35	2°♓38'15	
morning set	-9810 Jun 02 j 03:56	19°♓38'03	
	-9810 Jun 07 j 18:00	0°♈	
superior conj	-9810 Jun 12 j 05:50	8°♈08'25	1°49'55
minimum elong	-9810 Jun 12 j 05:53	8°♈08'38	1°49'56
max. Earth dist.	-9810 Jun 19 j 16:31	21°♈03'43	1.41227 AU
evening rise	-9810 Jun 25 j 07:36	0°♉21'55	
	-9810 Jun 25 j 02:12	0°♉	
desc. node	-9810 Jul 09 j 01:49	21°♉39'11	
	-9810 Jul 14 j 20:32	0°♊	
evening max el	-9810 Jul 28 j 17:41	17°♊27'31	22°31'40
retrograde	-9810 Aug 07 j 08:30	23°♊09'57	
evening set	-9810 Aug 12 j 00:38	21°♊14'25	
inferior conj	-9810 Aug 17 j 06:29	15°♊00'31	-0°44'42
minimum elong	-9810 Aug 17 j 07:26	14°♊57'15	0°43'48
min. Earth dist.	-9810 Aug 17 j 06:46	14°♊59'34	0.67238 AU
asc. node	-9810 Aug 19 j 14:05	11°♊54'04	
morning rise	-9810 Aug 22 j 14:09	8°♊43'36	
direct	-9810 Aug 27 j 02:02	6°♊55'00	
morning max el	-9810 Sep 05 j 14:07	12°♊37'05	22°19'37
	-9810 Sep 19 j 06:42	0°♋	
desc. node	-9810 Oct 05 j 00:27	23°♋37'07	
morning set	-9810 Oct 08 j 11:35	29°♋08'14	
	-9810 Oct 09 j 00:25	0°♌	
max. Earth dist.	-9810 Oct 14 j 11:05	8°♌58'12	1.41118 AU
superior conj	-9810 Oct 22 j 01:57	22°♌08'27	-1°30'12
minimum elong	-9810 Oct 21 j 22:23	21°♌52'38	1°29'32
	-9810 Oct 26 j 10:25	0°♍	
evening rise	-9810 Nov 01 j 07:01	10°♍51'43	
	-9810 Nov 12 j 04:06	0°♎	
asc. node	-9810 Nov 15 j 12:48	4°♎37'04	
evening max el	-9810 Nov 17 j 12:36	6°♎48'41	18°15'04
retrograde	-9810 Nov 24 j 16:59	10°♎25'43	
evening set	-9810 Nov 27 j 05:36	9°♎59'49	
inferior conj	-9810 Dec 04 j 09:35	5°♎11'33	4°10'20
minimum elong	-9810 Dec 04 j 07:40	5°♎15'45	4°10'12
min. Earth dist.	-9810 Dec 07 j 13:39	2°♎26'47	0.60245 AU
	-9810 Dec 10 j 20:17	30°℞♍	
morning rise	-9810 Dec 11 j 08:14	29°♍41'26	
direct	-9810 Dec 18 j 02:50	27°♍36'48	
	-9810 Dec 25 j 17:48	0°♎	
morning max el	-9809 Jan 01 j 03:56	5°♎03'50	27°05'23
desc. node	-9809 Jan 01 j 01:44	4°♎58'32	
	-9809 Jan 19 j 17:24	0°♏	
morning set	-9809 Feb 01 j 02:11	23°♏17'06	
	-9809 Feb 04 j 06:30	0°♐	
max. Earth dist.	-9809 Feb 07 j 17:49	7°♐31'39	1.32766 AU
superior conj	-9809 Feb 08 j 04:01	8°♐27'16	-0°31'46
minimum elong	-9809 Feb 08 j 05:18	8°♐34'19	0°32'01
asc. node	-9809 Feb 11 j 10:47	15°♐36'30	
evening rise	-9809 Feb 15 j 04:51	23°♐36'50	
	-9809 Feb 18 j 07:46	0°♑	
	-9809 Mar 08 j 13:19	0°♒	
evening max el	-9809 Mar 15 j 04:58	7°♒26'34	25°51'13
retrograde	-9809 Mar 29 j 07:44	14°♒42'49	
desc. node	-9809 Mar 30 j 01:50	14°♒41'25	
evening set	-9809 Apr 03 j 21:55	13°♒26'51	
min. Earth dist.	-9809 Apr 08 j 18:04	10°♒35'10	0.58432 AU
inferior conj	-9809 Apr 12 j 00:22	8°♒11'23	-2°54'21
minimum elong	-9809 Apr 11 j 20:33	8°♒18'28	2°54'05
morning rise	-9809 Apr 19 j 22:19	3°♒46'14	
direct	-9809 Apr 22 j 07:08	3°♒27'44	
morning max el	-9809 Apr 30 j 09:22	7°♒18'40	18°40'29
asc. node	-9809 May 10 j 10:27	21°♒30'34	
	-9809 May 15 j 00:19	0°♓	
morning set	-9809 May 16 j 16:58	3°♓15'36	
superior conj	-9809 May 25 j 17:26	20°♓34'38	1°44'47
minimum elong	-9809 May 25 j 15:20	20°♓24'46	1°44'30
	-9809 May 30 j 20:39	0°♈	
max. Earth dist.	-9809 Jun 01 j 17:26	3°♈19'09	1.39358 AU
evening rise	-9809 Jun 05 j 23:31	10°♈40'40	
	-9809 Jun 17 j 23:39	0°♉	
desc. node	-9809 Jun 25 j 23:14	11°♉44'45	
	-9809 Jul 10 j 10:28	0°♊	
evening max el	-9809 Jul 11 j 05:14	0°♊47'57	23°53'41
retrograde	-9809 Jul 22 j 00:02	7°♊11'07	
evening set	-9809 Jul 27 j 06:51	4°♊54'53	
	-9809 Jul 31 j 12:50	30°℞♉	
min. Earth dist.	-9809 Aug 01 j 02:15	29°♉14'24	0.67177 AU
inferior conj	-9809 Aug 01 j 12:38	28°♉38'56	-1°32'17
minimum elong	-9809 Aug 01 j 14:29	28°♉32'37	1°31'09
asc. node	-9809 Aug 06 j 11:03	22°♉49'56	
morning rise	-9809 Aug 06 j 22:04	22°♉27'50	
direct	-9809 Aug 10 j 21:46	20°♉57'33	
morning max el	-9809 Aug 19 j 07:59	25°♉58'06	21°00'55
	-9809 Aug 22 j 21:12	0°♊	
	-9809 Sep 12 j 19:03	0°♋	
morning set	-9809 Sep 17 j 20:32	7°♋50'07	
desc. node	-9809 Sep 21 j 21:23	14°♋11'35	
max. Earth dist.	-9809 Sep 26 j 17:08	21°♋56'31	1.42824 AU
	-9809 Oct 01 j 14:32	0°♌	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9809 Oct 03 j 08:19	2°♌55'19	-1°06'01
minimum elong	-9809 Oct 03 j 03:24	2°♌34'35	1°04'59
evening rise	-9809 Oct 15 j 04:08	23°♌30'20	
	-9809 Oct 18 j 19:48	0°♍	
evening max el	-9809 Nov 01 j 00:09	19°♍59'23	18°07'31
asc. node	-9809 Nov 02 j 10:02	21°♍16'52	
retrograde	-9809 Nov 07 j 17:32	23°♍31'01	
evening set	-9809 Nov 10 j 08:07	22°♍58'54	
inferior conj	-9809 Nov 17 j 00:30	17°♍49'50	3°45'03
minimum elong	-9809 Nov 16 j 21:04	17°♍58'21	3°44'37
min. Earth dist.	-9809 Nov 19 j 19:04	15°♍05'33	0.62078 AU
morning rise	-9809 Nov 23 j 08:58	12°♍03'48	
direct	-9809 Nov 30 j 10:57	9°♍31'41	
morning max el	-9809 Dec 14 j 07:31	17°♍04'29	27°34'27
desc. node	-9809 Dec 18 j 22:28	22°♍01'30	
	-9809 Dec 25 j 04:20	0°♎	
	-9808 Jan 12 j 06:55	0°♏	
morning set	-9808 Jan 16 j 07:18	7°♏57'45	
max. Earth dist.	-9808 Jan 22 j 04:53	20°♏22'21	1.33011 AU
superior conj	-9808 Jan 23 j 14:58	23°♏26'37	-0°53'12
minimum elong	-9808 Jan 23 j 16:56	23°♏37'17	0°53'17
	-9808 Jan 26 j 15:27	0°♐	
asc. node	-9808 Jan 29 j 07:59	5°♐47'09	
evening rise	-9808 Jan 30 j 15:55	8°♐36'04	
	-9808 Feb 10 j 22:19	0°♑	
evening max el	-9808 Feb 24 j 23:05	18°♑27'53	24°27'35
retrograde	-9808 Mar 09 j 19:46	25°♑23'33	
evening set	-9808 Mar 14 j 06:26	24°♑39'04	
desc. node	-9808 Mar 15 j 22:57	24°♑00'22	
min. Earth dist.	-9808 Mar 20 j 12:18	21°♑31'27	0.56742 AU
inferior conj	-9808 Mar 23 j 01:39	19°♑53'07	-1°46'08
minimum elong	-9808 Mar 22 j 21:55	19°♑59'07	1°45'38
morning rise	-9808 Mar 31 j 16:32	15°♑44'07	
direct	-9808 Apr 02 j 22:19	15°♑30'13	
morning max el	-9808 Apr 12 j 09:48	19°♑57'39	19°29'45
	-9808 Apr 20 j 04:40	0°♒	
asc. node	-9808 Apr 26 j 07:22	10°♒52'49	
morning set	-9808 Apr 29 j 15:46	17°♒26'53	
	-9808 May 05 j 22:17	0°♓	
superior conj	-9808 May 07 j 21:45	3°♓54'09	1°31'37
minimum elong	-9808 May 07 j 18:49	3°♓39'48	1°31'01
max. Earth dist.	-9808 May 13 j 18:24	15°♓06'02	1.37521 AU
evening rise	-9808 May 17 j 18:00	22°♓20'53	
	-9808 May 22 j 03:33	0°♈	
	-9808 Jun 10 j 18:38	0°♉	
desc. node	-9808 Jun 11 j 20:37	1°♉27'03	
evening max el	-9808 Jun 22 j 15:07	14°♉11'08	25°12'27
retrograde	-9808 Jul 04 j 11:34	21°♉07'23	
evening set	-9808 Jul 10 j 09:10	18°♉33'26	
min. Earth dist.	-9808 Jul 14 j 19:09	13°♉30'30	0.66797 AU
inferior conj	-9808 Jul 15 j 17:07	12°♉17'58	-2°15'17
minimum elong	-9808 Jul 15 j 19:34	12°♉09'52	2°14'10
morning rise	-9808 Jul 21 j 05:57	6°♉16'03	
asc. node	-9808 Jul 23 j 08:00	5°♉14'45	
direct	-9808 Jul 24 j 19:32	5°♉02'10	
morning max el	-9808 Aug 01 j 08:25	9°♉25'38	19°53'09
	-9808 Aug 16 j 09:35	0°♊	
morning set	-9808 Aug 26 j 22:33	16°♊15'26	
	-9808 Sep 04 j 16:57	0°♋	
desc. node	-9808 Sep 07 j 18:24	4°♋51'12	
max. Earth dist.	-9808 Sep 08 j 05:24	5°♋35'00	1.44037 AU
superior conj	-9808 Sep 12 j 10:53	12°♋22'01	-0°28'18
minimum elong	-9808 Sep 12 j 07:49	12°♋09'39	0°27'20
	-9808 Sep 23 j 03:45	0°♌	

evening rise	-9808 Sep 26 j 06:26	5°♌15'02	
	-9808 Oct 11 j 16:50	0°♍	
evening max el	-9808 Oct 14 j 13:36	3°♍21'27	18°18'47
asc. node	-9808 Oct 19 j 07:18	6°♍38'56	
retrograde	-9808 Oct 21 j 04:01	6°♍57'19	
evening set	-9808 Oct 23 j 22:32	6°♍16'44	
inferior conj	-9808 Oct 30 j 04:47	0°♍48'58	3°06'05
minimum elong	-9808 Oct 30 j 01:09	0°♍59'02	3°05'27
	-9808 Oct 30 j 22:25	30°℞♌	
min. Earth dist.	-9808 Nov 01 j 10:20	28°♌21'20	0.63699 AU
morning rise	-9808 Nov 05 j 03:04	24°♌49'59	
direct	-9808 Nov 12 j 02:25	22°♌04'53	
morning max el	-9808 Nov 25 j 15:26	29°♌39'13	27°28'33
	-9808 Nov 25 j 23:52	0°♍	
desc. node	-9808 Dec 04 j 19:10	10°♍14'05	
	-9808 Dec 18 j 01:09	0°♎	
morning set	-9808 Dec 30 j 05:21	22°♎12'58	
	-9807 Jan 03 j 01:23	0°♏	
max. Earth dist.	-9807 Jan 04 j 09:43	2°♏48'38	1.33640 AU
superior conj	-9807 Jan 06 j 23:11	8°♏14'04	-1°12'15
minimum elong	-9807 Jan 07 j 01:30	8°♏26'23	1°12'15
evening rise	-9807 Jan 14 j 03:09	23°♏31'33	
asc. node	-9807 Jan 15 j 05:12	25°♏47'08	
	-9807 Jan 17 j 06:54	0°♐	
evening max el	-9807 Feb 05 j 16:45	29°♐18'46	22°54'00
	-9807 Feb 06 j 10:43	0°♑	
retrograde	-9807 Feb 18 j 18:47	5°♑38'58	
evening set	-9807 Feb 22 j 04:42	5°♑13'33	
min. Earth dist.	-9807 Mar 02 j 03:56	1°♑38'47	0.55664 AU
desc. node	-9807 Mar 02 j 20:01	1°♑15'27	
inferior conj	-9807 Mar 03 j 08:43	0°♑56'58	-0°08'19
minimum elong	-9807 Mar 03 j 08:20	0°♑57'31	0°08'46
transit middle	-9807 Mar 03 j 08:20	0°♑57'31	0°08'46
transit begin	-9807 Mar 03 j 04:57	1°♑02'27	
transit end	-9807 Mar 03 j 11:43	0°♑52'36	
	-9807 Mar 05 j 00:20	30°℞♐	
morning rise	-9807 Mar 12 j 13:39	26°♐55'04	
direct	-9807 Mar 14 j 21:06	26°♐42'17	
	-9807 Mar 23 j 16:13	0°♑	
morning max el	-9807 Mar 26 j 00:01	1°♑58'15	20°38'38
	-9807 Apr 12 j 21:05	0°♒	
asc. node	-9807 Apr 13 j 04:18	0°♒36'33	
morning set	-9807 Apr 13 j 21:14	2°♒02'32	
superior conj	-9807 Apr 21 j 14:03	17°♒52'46	1°13'16
minimum elong	-9807 Apr 21 j 11:14	17°♒38'25	1°12'27
max. Earth dist.	-9807 Apr 26 j 01:56	26°♒51'34	1.35901 AU
	-9807 Apr 27 j 16:48	0°♓	
evening rise	-9807 Apr 30 j 09:42	5°♓07'10	
	-9807 May 14 j 23:35	0°♈	
desc. node	-9807 May 29 j 18:02	20°♈36'15	
evening max el	-9807 Jun 05 j 01:30	27°♈35'29	26°19'27
	-9807 Jun 07 j 16:11	0°♉	
retrograde	-9807 Jun 17 j 18:24	4°♉53'27	
evening set	-9807 Jun 24 j 05:22	2°♉07'56	
	-9807 Jun 26 j 08:56	30°℞♈	
min. Earth dist.	-9807 Jun 28 j 07:00	27°♈44'22	0.66056 AU
inferior conj	-9807 Jun 29 j 17:58	25°♈55'23	-2°52'03
minimum elong	-9807 Jun 29 j 20:37	25°♈47'07	2°51'13
morning rise	-9807 Jul 05 j 11:58	20°♈05'55	
direct	-9807 Jul 08 j 17:27	19°♈06'06	
asc. node	-9807 Jul 10 j 04:55	19°♈18'14	
morning max el	-9807 Jul 15 j 15:09	23°♈00'13	18°59'49
	-9807 Jul 21 j 06:12	0°♉	
morning set	-9807 Aug 06 j 14:13	25°♉21'31	
	-9807 Aug 09 j 12:13	0°♊	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9807 Aug 21 j 21:59	19°♊38'35	1.44599 AU
superior conj	-9807 Aug 22 j 15:12	20°♊46'41	0°18'10
minimum elong	-9807 Aug 22 j 17:32	20°♊55'54	0°18'27
desc. node	-9807 Aug 25 j 15:29	25°♊32'55	
	-9807 Aug 28 j 10:44	0°♋	
evening rise	-9807 Sep 07 j 08:34	15°♋53'34	
	-9807 Sep 16 j 02:29	0°♌	
evening max el	-9807 Sep 28 j 02:02	16°♌49'04	18°47'44
retrograde	-9807 Oct 04 j 20:50	20°♌38'07	
asc. node	-9807 Oct 06 j 04:31	20°♌28'13	
evening set	-9807 Oct 07 j 21:22	19°♌46'23	
inferior conj	-9807 Oct 13 j 19:07	14°♌02'48	2°19'14
minimum elong	-9807 Oct 13 j 16:05	14°♌11'57	2°18'40
min. Earth dist.	-9807 Oct 15 j 11:18	12°♌01'36	0.65020 AU
morning rise	-9807 Oct 19 j 10:22	7°♌53'40	
direct	-9807 Oct 26 j 00:14	5°♌08'57	
morning max el	-9807 Nov 08 j 01:24	12°♌38'11	26°51'19
desc. node	-9807 Nov 21 j 15:53	29°♌15'53	
	-9807 Nov 22 j 04:19	0°♍	
	-9807 Dec 10 j 13:58	0°♎	
morning set	-9807 Dec 13 j 17:03	5°♎52'24	
max. Earth dist.	-9807 Dec 18 j 05:06	14°♎43'17	1.34688 AU
superior conj	-9807 Dec 22 j 02:36	22°♎42'39	-1°27'53
minimum elong	-9807 Dec 22 j 04:47	22°♎53'59	1°27'51
	-9807 Dec 25 j 14:00	0°♏	
evening rise	-9807 Dec 29 j 12:55	8°♏17'28	
asc. node	-9806 Jan 02 j 02:27	15°♏31'07	
	-9806 Jan 10 j 06:45	0°♐	
evening max el	-9806 Jan 18 j 15:14	10°♐22'36	21°23'38
retrograde	-9806 Jan 30 j 09:28	15°♐56'32	
evening set	-9806 Feb 02 j 04:29	15°♐38'46	
inferior conj	-9806 Feb 11 j 05:55	11°♐38'26	1°40'01
minimum elong	-9806 Feb 11 j 10:04	11°♐32'31	1°38'13
min. Earth dist.	-9806 Feb 11 j 18:04	11°♐21'07	0.55417 AU
desc. node	-9806 Feb 17 j 17:00	8°♐21'31	
morning rise	-9806 Feb 20 j 15:18	7°♐28'50	
direct	-9806 Feb 23 j 11:25	7°♐11'01	
morning max el	-9806 Mar 08 j 03:01	13°♐17'51	22°04'39
	-9806 Mar 20 j 11:50	0°♑	
morning set	-9806 Mar 29 j 06:57	16°♑54'57	
asc. node	-9806 Mar 31 j 01:14	20°♑35'43	
	-9806 Apr 04 j 12:09	0°♒	
superior conj	-9806 Apr 05 j 14:45	2°♒19'44	0°51'46
minimum elong	-9806 Apr 05 j 12:35	2°♒08'26	0°50'53
max. Earth dist.	-9806 Apr 08 j 19:17	8°♒56'22	1.34604 AU
evening rise	-9806 Apr 13 j 17:00	18°♒43'01	
	-9806 Apr 19 j 18:25	0°♓	
	-9806 May 09 j 02:24	0°♈	
desc. node	-9806 May 16 j 15:26	8°♈58'15	
evening max el	-9806 May 18 j 12:24	10°♈52'38	27°06'20
retrograde	-9806 May 31 j 20:02	18°♈21'55	
evening set	-9806 Jun 07 j 16:47	15°♈34'39	
min. Earth dist.	-9806 Jun 11 j 11:37	11°♈49'05	0.64923 AU
inferior conj	-9806 Jun 13 j 12:56	9°♈27'14	-3°20'31
minimum elong	-9806 Jun 13 j 15:13	9°♈20'39	3°20'08
morning rise	-9806 Jun 19 j 14:02	3°♈53'05	
direct	-9806 Jun 22 j 13:13	3°♈05'15	
asc. node	-9806 Jun 27 j 01:47	4°♈51'17	
morning max el	-9806 Jun 29 j 02:32	6°♈39'07	18°22'55
	-9806 Jul 14 j 21:21	0°♉	
morning set	-9806 Jul 18 j 06:21	5°♉36'11	
superior conj	-9806 Aug 01 j 16:18	29°♉04'25	1°02'08
minimum elong	-9806 Aug 01 j 22:39	29°♉29'48	1°01'55
	-9806 Aug 02 j 06:14	0°♊	
max. Earth dist.	-9806 Aug 04 j 15:07	3°♊46'10	1.44447 AU
desc. node	-9806 Aug 12 j 12:39	16°♊13'22	
evening rise	-9806 Aug 18 j 07:52	25°♊18'47	
	-9806 Aug 21 j 07:51	0°♋	
greatest brilliancy	-9806 Aug 29 j 03:03	12°♋05'09	-0.7m
	-9806 Sep 11 j 04:10	0°♌	
evening max el	-9806 Sep 11 j 10:43	0°♌17'02	19°33'13
retrograde	-9806 Sep 18 j 16:50	4°♌28'03	
evening set	-9806 Sep 22 j 01:39	3°♌22'07	
asc. node	-9806 Sep 23 j 01:41	2°♌37'31	
	-9806 Sep 25 j 15:22	30°℞♋	
inferior conj	-9806 Sep 27 j 16:38	27°♋26'02	1°28'16
minimum elong	-9806 Sep 27 j 14:38	27°♋32'30	1°28'03
min. Earth dist.	-9806 Sep 28 j 20:31	25°♋56'03	0.66025 AU
morning rise	-9806 Oct 03 j 03:18	21°♋09'58	
direct	-9806 Oct 09 j 03:55	18°♋35'18	
morning max el	-9806 Oct 21 j 11:22	25°♋49'07	25°49'32
	-9806 Oct 25 j 08:33	0°♌	
desc. node	-9806 Nov 08 j 12:34	18°♌51'54	
	-9806 Nov 15 j 17:06	0°♍	
morning set	-9806 Nov 26 j 14:05	18°♍42'49	
max. Earth dist.	-9806 Nov 30 j 13:23	26°♍08'54	1.36159 AU
	-9806 Dec 02 j 13:11	0°♎	
superior conj	-9806 Dec 05 j 22:35	6°♎43'38	-1°38'43
minimum elong	-9806 Dec 06 j 00:00	6°♎50'48	1°38'38
evening rise	-9806 Dec 13 j 19:20	22°♎47'25	
	-9806 Dec 17 j 09:58	0°♏	
asc. node	-9806 Dec 19 j 23:43	4°♏52'29	
evening max el	-9806 Dec 31 j 22:41	21°♏56'01	20°06'24
retrograde	-9805 Jan 11 j 02:54	26°♏43'03	
evening set	-9805 Jan 13 j 16:06	26°♏26'21	
inferior conj	-9805 Jan 22 j 06:44	22°♏25'06	3°09'28
minimum elong	-9805 Jan 22 j 12:21	22°♏16'29	3°07'47
min. Earth dist.	-9805 Jan 24 j 07:46	21°♏10'20	0.56038 AU
morning rise	-9805 Jan 31 j 06:42	17°♏53'22	
direct	-9805 Feb 04 j 05:08	17°♏19'07	
desc. node	-9805 Feb 04 j 13:53	17°♏19'25	
morning max el	-9805 Feb 17 j 21:10	24°♏06'46	23°41'00
	-9805 Feb 23 j 04:35	0°♐	
	-9805 Mar 12 j 20:23	0°♑	
morning set	-9805 Mar 13 j 18:57	1°♑57'26	
asc. node	-9805 Mar 17 j 22:13	10°♑45'32	
superior conj	-9805 Mar 20 j 21:08	17°♑06'36	0°28'36
minimum elong	-9805 Mar 20 j 19:56	17°♑00'07	0°27'48
max. Earth dist.	-9805 Mar 22 j 22:06	21°♑27'29	1.33657 AU
	-9805 Mar 27 j 00:43	0°♒	
evening rise	-9805 Mar 28 j 11:25	2°♒54'51	
	-9805 Apr 12 j 14:29	0°♓	
evening max el	-9805 Apr 30 j 22:27	23°♓52'03	27°26'10
desc. node	-9805 May 03 j 12:47	26°♓13'26	
	-9805 May 09 j 03:19	0°♈	
retrograde	-9805 May 14 j 16:06	1°♈24'38	
	-9805 May 19 j 20:12	30°℞♓	
evening set	-9805 May 21 j 16:20	28°♓48'36	
min. Earth dist.	-9805 May 25 j 07:34	25°♓34'45	0.63398 AU
inferior conj	-9805 May 27 j 23:23	22°♓48'58	-3°37'43
minimum elong	-9805 May 28 j 00:34	22°♓45'51	3°37'47
morning rise	-9805 Jun 03 j 09:46	17°♓32'29	
direct	-9805 Jun 06 j 04:05	16°♓54'40	
morning max el	-9805 Jun 12 j 16:23	20°♓18'21	18°03'38
asc. node	-9805 Jun 13 j 22:35	21°♓38'48	
	-9805 Jun 19 j 22:44	0°♈	
morning set	-9805 Jun 29 j 23:29	17°♈01'20	
	-9805 Jul 07 j 12:41	0°♉	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9805 Jul 12 j 11:36	8°♉17'15	1°33'02
minimum elong	-9805 Jul 12 j 17:00	8°♉39'30	1°32'58
max. Earth dist.	-9805 Jul 18 j 05:21	17°♉38'38	1.43613 AU
	-9805 Jul 26 j 00:24	0°♊	
evening rise	-9805 Jul 28 j 11:28	3°♊50'04	
desc. node	-9805 Jul 30 j 09:54	6°♊49'45	
	-9805 Aug 14 j 20:26	0°♋	
evening max el	-9805 Aug 25 j 13:39	13°♋43'17	20°33'35
retrograde	-9805 Sep 02 j 13:40	18°♋24'41	
evening set	-9805 Sep 06 j 09:02	17°♋01'27	
asc. node	-9805 Sep 09 j 22:47	13°♋21'47	
inferior conj	-9805 Sep 11 j 19:01	10°♋56'12	0°35'55
minimum elong	-9805 Sep 11 j 18:12	10°♋58'59	0°36'10
min. Earth dist.	-9805 Sep 12 j 11:48	9°♋59'36	0.66728 AU
morning rise	-9805 Sep 17 j 03:09	4°♋36'47	
direct	-9805 Sep 22 j 13:13	2°♋18'04	
morning max el	-9805 Oct 03 j 20:50	9°♋03'37	24°31'52
	-9805 Oct 20 j 09:59	0°♌	
desc. node	-9805 Oct 26 j 09:18	8°♌52'31	
	-9805 Nov 08 j 08:13	0°♍	
morning set	-9805 Nov 08 j 15:06	0°♍29'55	
max. Earth dist.	-9805 Nov 12 j 12:58	7°♍26'27	1.37989 AU
superior conj	-9805 Nov 19 j 07:45	20°♍07'34	-1°42'54
minimum elong	-9805 Nov 19 j 07:41	20°♍07'13	1°42'43
	-9805 Nov 24 j 08:39	0°♎	
evening rise	-9805 Nov 27 j 20:19	6°♎55'33	
asc. node	-9805 Dec 06 j 21:01	23°♎43'19	
	-9805 Dec 11 j 02:22	0°♏	
evening max el	-9805 Dec 14 j 16:26	4°♏04'00	19°07'25
retrograde	-9805 Dec 23 j 09:25	8°♏13'02	
evening set	-9805 Dec 25 j 21:29	7°♏53'59	
inferior conj	-9804 Jan 02 j 22:23	3°♏39'02	4°01'18
minimum elong	-9804 Jan 03 j 01:34	3°♏33'30	4°00'40
min. Earth dist.	-9804 Jan 05 j 22:14	1°♏35'05	0.57381 AU
	-9804 Jan 08 j 11:21	30°℞♎	
morning rise	-9804 Jan 11 j 03:24	28°♎41'42	
direct	-9804 Jan 16 j 10:22	27°♎36'06	
desc. node	-9804 Jan 22 j 10:42	29°♎00'16	
	-9804 Jan 24 j 08:21	0°♏	
morning max el	-9804 Jan 30 j 11:56	4°♏47'37	25°15'31
	-9804 Feb 17 j 14:18	0°♐	
morning set	-9804 Feb 26 j 07:23	17°♐02'39	
	-9804 Mar 03 j 08:01	0°♑	
asc. node	-9804 Mar 03 j 19:14	1°♑01'04	
superior conj	-9804 Mar 04 j 07:02	2°♑05'11	0°04'51
minimum elong	-9804 Mar 04 j 06:51	2°♑04'11	0°04'14
behind sun begin	-9804 Mar 04 j 01:58	1°♑37'38	
behind sun end	-9804 Mar 04 j 11:45	2°♑30'43	
max. Earth dist.	-9804 Mar 05 j 07:52	4°♑19'47	1.33054 AU
evening rise	-9804 Mar 11 j 13:30	17°♑30'50	
	-9804 Mar 17 j 22:59	0°♒	
	-9804 Apr 06 j 09:37	0°♓	
evening max el	-9804 Apr 12 j 05:30	6°♓22'07	27°14'19
desc. node	-9804 Apr 19 j 10:06	11°♓53'59	
retrograde	-9804 Apr 26 j 05:29	13°♓51'58	
evening set	-9804 May 03 j 00:25	11°♓40'55	
min. Earth dist.	-9804 May 06 j 18:25	8°♓47'08	0.61555 AU
inferior conj	-9804 May 09 j 22:06	5°♓53'11	-3°39'15
minimum elong	-9804 May 09 j 21:27	5°♓54'41	3°39'32
morning rise	-9804 May 16 j 20:13	0°♓56'01	
direct	-9804 May 19 j 10:39	0°♓26'42	
morning max el	-9804 May 26 j 06:02	3°♓50'57	18°02'45
asc. node	-9804 May 30 j 19:23	9°♓24'36	
morning set	-9804 Jun 11 j 13:24	29°♓26'42	
	-9804 Jun 11 j 20:44	0°♈	
superior conj	-9804 Jun 22 j 09:52	18°♈49'40	1°47'52
minimum elong	-9804 Jun 22 j 11:47	18°♈57'57	1°47'56
	-9804 Jun 28 j 23:58	0°♉	
max. Earth dist.	-9804 Jun 29 j 14:19	0°♉59'25	1.42216 AU
evening rise	-9804 Jul 06 j 15:18	12°♉22'40	
desc. node	-9804 Jul 16 j 07:14	27°♉18'03	
	-9804 Jul 18 j 02:29	0°♊	
evening max el	-9804 Aug 07 j 09:53	27°♊06'42	21°46'12
	-9804 Aug 10 j 14:58	0°♋	
retrograde	-9804 Aug 16 j 09:27	2°♋25'33	
evening set	-9804 Aug 20 j 17:28	0°♋42'24	
	-9804 Aug 21 j 12:52	30°℞♊	
inferior conj	-9804 Aug 26 j 00:18	24°♊31'02	-0°15'50
minimum elong	-9804 Aug 26 j 00:38	24°♊29'53	0°15'08
transit middle	-9804 Aug 26 j 00:38	24°♊29'53	0°15'08
transit begin	-9804 Aug 25 j 23:36	24°♊33'29	
transit end	-9804 Aug 26 j 01:41	24°♊26'17	
min. Earth dist.	-9804 Aug 26 j 06:38	24°♊09'12	0.67136 AU
asc. node	-9804 Aug 26 j 19:49	23°♊23'55	
morning rise	-9804 Aug 31 j 07:39	18°♊12'06	
direct	-9804 Sep 05 j 03:24	16°♊12'08	
morning max el	-9804 Sep 15 j 07:22	22°♊18'43	23°07'38
	-9804 Sep 21 j 22:35	0°♋	
desc. node	-9804 Oct 12 j 06:07	29°♋10'43	
	-9804 Oct 12 j 18:42	0°♌	
morning set	-9804 Oct 19 j 14:51	11°♌01'05	
max. Earth dist.	-9804 Oct 24 j 10:49	19°♌10'09	1.39994 AU
	-9804 Oct 30 j 13:59	0°♍	
superior conj	-9804 Nov 01 j 01:43	2°♍42'46	-1°38'05
minimum elong	-9804 Oct 31 j 23:28	2°♍32'31	1°37'39
evening rise	-9804 Nov 10 j 13:20	20°♍35'56	
	-9804 Nov 15 j 13:10	0°♎	
asc. node	-9804 Nov 22 j 18:19	11°♎53'48	
evening max el	-9804 Nov 26 j 19:13	16°♎42'45	18°28'26
retrograde	-9804 Dec 04 j 09:52	20°♎27'22	
evening set	-9804 Dec 06 j 22:10	20°♎04'12	
inferior conj	-9804 Dec 14 j 09:28	15°♎28'41	4°15'30
minimum elong	-9804 Dec 14 j 09:07	15°♎29'23	4°15'25
min. Earth dist.	-9804 Dec 17 j 15:44	12°♎52'47	0.59157 AU
morning rise	-9804 Dec 21 j 18:18	10°♎09'43	
direct	-9804 Dec 28 j 03:33	8°♎25'31	
desc. node	-9803 Jan 08 j 07:27	13°♎12'53	
morning max el	-9803 Jan 11 j 05:36	15°♎47'55	26°33'16
	-9803 Jan 22 j 20:09	0°♏	
	-9803 Feb 08 j 18:37	0°♐	
morning set	-9803 Feb 09 j 18:32	2°♐04'04	
superior conj	-9803 Feb 16 j 18:40	17°♐08'56	-0°18'39
minimum elong	-9803 Feb 16 j 19:28	17°♐13'17	0°19'03
max. Earth dist.	-9803 Feb 16 j 21:09	17°♐22'29	1.32781 AU
asc. node	-9803 Feb 18 j 16:22	21°♐18'11	
	-9803 Feb 22 j 17:35	0°♑	
evening rise	-9803 Feb 23 j 20:42	2°♑21'55	
	-9803 Mar 10 j 23:36	0°♒	
evening max el	-9803 Mar 25 j 07:37	18°♒15'15	26°29'56
desc. node	-9803 Apr 06 j 07:19	25°♒25'59	
retrograde	-9803 Apr 08 j 10:28	25°♒37'24	
evening set	-9803 Apr 14 j 13:54	24°♒00'55	
min. Earth dist.	-9803 Apr 18 j 20:55	21°♒12'35	0.59560 AU
inferior conj	-9803 Apr 22 j 05:30	18°♒31'36	-3°18'53
minimum elong	-9803 Apr 22 j 02:39	18°♒37'21	3°18'56
morning rise	-9803 Apr 29 j 18:01	13°♒54'39	
direct	-9803 May 02 j 04:59	13°♒32'28	
morning max el	-9803 May 09 j 16:48	17°♒09'35	18°20'59
asc. node	-9803 May 17 j 16:13	27°♒55'47	
	-9803 May 18 j 21:28	0°♓	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9803 May 25 j 19:17	12°♓41'12		
superior conj	-9803 Jun 04 j 09:21	0°♈38'10	1°48'56	
minimum elong	-9803 Jun 04 j 08:19	0°♈33'25	1°48'50	
	-9803 Jun 04 j 01:00	0°♈		
max. Earth dist.	-9803 Jun 11 j 18:00	13°♈40'13	1.40455 AU	
evening rise	-9803 Jun 16 j 15:32	21°♈54'55		
	-9803 Jun 21 j 15:25	0°♉		
desc. node	-9803 Jul 03 j 04:37	17°♉33'29		
	-9803 Jul 12 j 03:43	0°♊		
evening max el	-9803 Jul 21 j 00:06	10°♊27'55	23°06'31	
retrograde	-9803 Jul 31 j 02:42	16°♊27'29		
evening set	-9803 Aug 05 j 01:02	14°♊23'07		
inferior conj	-9803 Aug 10 j 06:38	8°♊08'18	-1°05'22	
minimum elong	-9803 Aug 10 j 07:59	8°♊03'37	1°04'20	
min. Earth dist.	-9803 Aug 10 j 02:31	8°♊22'31	0.67254 AU	
asc. node	-9803 Aug 13 j 16:49	3°♊43'59		
morning rise	-9803 Aug 15 j 14:51	1°♊53'30		
direct	-9803 Aug 19 j 21:26	0°♊12'41		
morning max el	-9803 Aug 28 j 21:49	5°♊36'16	21°45'02	
	-9803 Sep 16 j 06:38	0°♋		
morning set	-9803 Sep 29 j 11:50	20°♋15'16		
desc. node	-9803 Sep 29 j 03:01	19°♋40'22		
	-9803 Oct 05 j 12:45	0°♌		
max. Earth dist.	-9803 Oct 06 j 13:37	1°♌42'31	1.41895 AU	
superior conj	-9803 Oct 13 j 22:44	14°♌13'13	-1°21'39	
minimum elong	-9803 Oct 13 j 18:21	13°♌54'12	1°20'48	
	-9803 Oct 22 j 18:50	0°♍		
evening rise	-9803 Oct 24 j 18:55	3°♍39'41		
asc. node	-9803 Nov 09 j 15:37	29°♍10'42		
evening max el	-9803 Nov 10 j 04:23	29°♍43'26	18°09'29	
	-9803 Nov 10 j 11:10	0°♎		
retrograde	-9803 Nov 17 j 02:50	3°♎16'42		
evening set	-9803 Nov 19 j 16:13	2°♎48'13		
	-9803 Nov 24 j 04:34	30°℞♍		
inferior conj	-9803 Nov 26 j 15:03	27°♍50'41	4°01'43	
minimum elong	-9803 Nov 26 j 12:18	27°♍57'02	4°01'28	
min. Earth dist.	-9803 Nov 29 j 15:42	25°♍04'06	0.61045 AU	
morning rise	-9803 Dec 03 j 07:09	22°♍13'42		
direct	-9803 Dec 10 j 06:23	19°♍55'58		
morning max el	-9803 Dec 24 j 05:33	27°♍24'49	27°22'07	
desc. node	-9803 Dec 26 j 04:11	29°♍22'41		
	-9803 Dec 26 j 18:09	0°♎		
	-9802 Jan 16 j 08:33	0°♏		
morning set	-9802 Jan 25 j 02:27	16°♏53'54		
	-9802 Jan 31 j 06:17	0°♐		
max. Earth dist.	-9802 Jan 31 j 10:15	0°♐21'35	1.32831 AU	
superior conj	-9802 Feb 01 j 06:19	2°♐10'51	-0°41'05	
minimum elong	-9802 Feb 01 j 07:56	2°♐19'38	0°41'16	
asc. node	-9802 Feb 05 j 13:33	11°♐32'02		
evening rise	-9802 Feb 08 j 06:52	17°♐19'34		
	-9802 Feb 14 j 15:15	0°♑		
evening max el	-9802 Mar 07 j 04:02	29°♑31'13	25°17'43	
	-9802 Mar 07 j 16:17	0°♒		
retrograde	-9802 Mar 21 j 04:56	6°♒39'34		
desc. node	-9802 Mar 24 j 04:27	6°♒18'33		
evening set	-9802 Mar 26 j 07:58	5°♒38'07		
min. Earth dist.	-9802 Mar 31 j 17:02	2°♒41'17	0.57662 AU	
inferior conj	-9802 Apr 03 j 18:12	0°♒35'01	-2°29'31	
minimum elong	-9802 Apr 03 j 14:03	0°♒42'14	2°29'03	
	-9802 Apr 04 j 14:30	30°℞♑		
morning rise	-9802 Apr 11 j 23:20	26°♑17'23		
direct	-9802 Apr 14 j 06:52	26°♑01'00		
	-9802 Apr 22 j 19:31	0°♒		
morning max el	-9802 Apr 22 j 21:47	0°♒05'18	18°59'01	
asc. node	-9802 May 04 j 13:07	17°♒01'43		
morning set	-9802 May 09 j 12:56	26°♒34'31		
	-9802 May 11 j 06:45	0°♓		
superior conj	-9802 May 18 j 04:45	13°♓29'03	1°40'00	
minimum elong	-9802 May 18 j 02:09	13°♓16'38	1°39'35	
max. Earth dist.	-9802 May 24 j 18:49	25°♓43'27	1.38564 AU	
	-9802 May 27 j 04:25	0°♈		
evening rise	-9802 May 28 j 19:14	2°♈49'30		
	-9802 Jun 14 j 19:36	0°♉		
desc. node	-9802 Jun 20 j 02:01	7°♉30'20		
evening max el	-9802 Jul 03 j 10:40	23°♉49'49	24°28'00	
	-9802 Jul 12 j 01:22	0°♊		
retrograde	-9802 Jul 14 j 16:32	0°♊27'41		
	-9802 Jul 17 j 04:03	30°℞♉		
evening set	-9802 Jul 20 j 05:51	28°♉03'11		
min. Earth dist.	-9802 Jul 24 j 21:05	22°♉38'38	0.67063 AU	
inferior conj	-9802 Jul 25 j 12:18	21°♉47'18	-1°51'10	
minimum elong	-9802 Jul 25 j 14:27	21°♉40'03	1°50'01	
morning rise	-9802 Jul 30 j 23:00	15°♉39'59		
asc. node	-9802 Jul 31 j 13:46	15°♉15'08		
direct	-9802 Aug 03 j 18:11	14°♉17'00		
morning max el	-9802 Aug 11 j 18:32	19°♉00'29	20°30'33	
	-9802 Aug 20 j 12:23	0°♊		
morning set	-9802 Sep 08 j 15:21	28°♊43'23		
	-9802 Sep 09 j 11:03	0°♋		
desc. node	-9802 Sep 16 j 00:01	10°♋17'34		
max. Earth dist.	-9802 Sep 18 j 23:09	15°♋02'11	1.43417 AU	
superior conj	-9802 Sep 24 j 17:23	24°♋25'49	-0°51'33	
minimum elong	-9802 Sep 24 j 12:43	24°♋06'36	0°50'28	
	-9802 Sep 28 j 01:35	0°♌		
evening rise	-9802 Oct 07 j 08:45	15°♌57'17		
	-9802 Oct 15 j 12:17	0°♍		
evening max el	-9802 Oct 24 j 17:03	12°♍59'15	18°09'58	
asc. node	-9802 Oct 27 j 12:54	15°♍19'17		
retrograde	-9802 Oct 31 j 08:16	16°♍31'48		
evening set	-9802 Nov 03 j 00:15	15°♍56'22		
inferior conj	-9802 Nov 09 j 12:06	10°♍38'40	3°29'47	
minimum elong	-9802 Nov 09 j 08:27	10°♍48'11	3°29'14	
min. Earth dist.	-9802 Nov 12 j 01:10	8°♍00'05	0.62802 AU	
morning rise	-9802 Nov 15 j 15:47	4°♍46'35		
direct	-9802 Nov 22 j 17:30	2°♍07'32		
morning max el	-9802 Dec 06 j 11:30	9°♍41'25	27°36'09	
desc. node	-9802 Dec 13 j 00:55	16°♍57'51		
	-9802 Dec 22 j 11:12	0°♎		
	-9801 Jan 08 j 12:05	0°♏		
morning set	-9801 Jan 09 j 04:54	1°♏24'26		
max. Earth dist.	-9801 Jan 14 j 19:16	13°♏03'29	1.33233 AU	
superior conj	-9801 Jan 16 j 16:18	17°♏05'10	-1°01'39	
minimum elong	-9801 Jan 16 j 18:28	17°♏16'50	1°01'41	
	-9801 Jan 22 j 16:11	0°♐		
asc. node	-9801 Jan 23 j 10:46	1°♐38'16		
evening rise	-9801 Jan 23 j 18:12	2°♐17'21		
	-9801 Feb 08 j 04:04	0°♑		
evening max el	-9801 Feb 16 j 21:03	10°♑23'35	23°48'03	
retrograde	-9801 Mar 02 j 11:24	17°♑06'31		
evening set	-9801 Mar 06 j 10:49	16°♑31'33		
desc. node	-9801 Mar 11 j 01:33	14°♑34'22		
min. Earth dist.	-9801 Mar 13 j 09:39	13°♑13'59	0.56188 AU	
inferior conj	-9801 Mar 15 j 11:02	11°♑58'39	-1°07'30	
minimum elong	-9801 Mar 15 j 08:21	12°♑02'46	1°07'15	
morning rise	-9801 Mar 24 j 08:40	7°♑54'42		
direct	-9801 Mar 26 j 14:14	7°♑41'51		
morning max el	-9801 Apr 05 j 18:07	12°♑28'24	19°56'54	
	-9801 Apr 17 j 23:39	0°♒		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9801 Apr 21 j 10:01	6°♒33'24	
morning set	-9801 Apr 23 j 14:51	10°♒56'45	
superior conj	-9801 May 01 j 14:40	27°♒06'37	1°24'21
minimum elong	-9801 May 01 j 11:41	26°♒51'48	1°23'38
	-9801 May 03 j 01:39	0°♓	
max. Earth dist.	-9801 May 06 j 21:45	7°♓25'38	1.36787 AU
evening rise	-9801 May 10 j 23:24	14°♓59'15	
	-9801 May 19 j 15:34	0°♈	
desc. node	-9801 Jun 06 j 23:25	27°♈00'02	
	-9801 Jun 09 j 08:53	0°♉	
evening max el	-9801 Jun 15 j 20:20	7°♉13'07	25°42'49
retrograde	-9801 Jun 28 j 02:13	14°♉20'38	
evening set	-9801 Jul 04 j 05:52	11°♉40'27	
min. Earth dist.	-9801 Jul 08 j 12:02	6°♉54'25	0.66528 AU
inferior conj	-9801 Jul 09 j 15:27	5°♉25'49	-2°31'44
minimum elong	-9801 Jul 09 j 18:03	5°♉17'25	2°30'44
	-9801 Jul 14 j 13:09	30°℞♈	
morning rise	-9801 Jul 15 j 06:18	29°♈29'01	
asc. node	-9801 Jul 18 j 10:41	28°♈21'55	
direct	-9801 Jul 18 j 16:06	28°♈21'37	
	-9801 Jul 23 j 00:48	0°♉	
morning max el	-9801 Jul 25 j 21:52	2°♉31'40	19°28'35
	-9801 Aug 14 j 04:31	0°♊	
morning set	-9801 Aug 18 j 21:00	7°♊20'15	
max. Earth dist.	-9801 Sep 01 j 13:24	28°♊52'42	1.44362 AU
	-9801 Sep 02 j 06:22	0°♋	
desc. node	-9801 Sep 02 j 21:04	0°♋58'24	
superior conj	-9801 Sep 04 j 08:55	3°♋21'09	-0°09'05
minimum elong	-9801 Sep 04 j 07:53	3°♋17'04	0°08'23
behind sun begin	-9801 Sep 03 j 22:13	2°♋38'31	
behind sun end	-9801 Sep 04 j 17:33	3°♋55'40	
evening rise	-9801 Sep 19 j 01:22	27°♋15'15	
	-9801 Sep 20 j 17:04	0°♌	
evening max el	-9801 Oct 08 j 06:18	26°♌23'40	18°28'57
asc. node	-9801 Oct 14 j 10:07	0°♍03'09	
	-9801 Oct 14 j 00:13	0°♍	
retrograde	-9801 Oct 14 j 21:55	0°♍04'28	
	-9801 Oct 15 j 19:33	30°℞♌	
evening set	-9801 Oct 17 j 18:36	29°♌19'40	
inferior conj	-9801 Oct 23 j 21:02	23°♌44'46	2°46'56
minimum elong	-9801 Oct 23 j 17:35	23°♌54'43	2°46'17
min. Earth dist.	-9801 Oct 25 j 20:52	21°♌27'17	0.64298 AU
morning rise	-9801 Oct 29 j 15:58	17°♌40'48	
direct	-9801 Nov 05 j 11:47	14°♌54'18	
morning max el	-9801 Nov 18 j 20:45	22°♌28'27	27°16'11
	-9801 Nov 25 j 14:46	0°♍	
desc. node	-9801 Nov 29 j 21:39	5°♍33'27	
	-9801 Dec 15 j 14:56	0°♎	
morning set	-9801 Dec 23 j 23:02	15°♎26'15	
max. Earth dist.	-9801 Dec 28 j 20:24	25°♎16'43	1.34026 AU
	-9801 Dec 31 j 02:44	0°♏	
superior conj	-9801 Dec 31 j 22:46	1°♏45'34	-1°19'24
minimum elong	-9800 Jan 01 j 01:05	1°♏57'50	1°19'22
evening rise	-9800 Jan 08 j 05:00	17°♏09'25	
asc. node	-9800 Jan 10 j 08:00	21°♏32'12	
	-9800 Jan 14 j 16:11	0°♐	
evening max el	-9800 Jan 29 j 16:03	21°♐17'27	22°14'32
retrograde	-9800 Feb 11 j 06:27	27°♐19'27	
evening set	-9800 Feb 14 j 08:20	26°♐58'34	
min. Earth dist.	-9800 Feb 23 j 00:52	23°♐07'27	0.55440 AU
inferior conj	-9800 Feb 23 j 12:33	22°♐50'45	0°38'04
minimum elong	-9800 Feb 23 j 14:13	22°♐48'23	0°36'58
desc. node	-9800 Feb 25 j 22:35	21°♐29'28	
morning rise	-9800 Mar 03 j 20:56	18°♐47'28	
direct	-9800 Mar 06 j 07:44	18°♐33'41	
morning max el	-9800 Mar 18 j 03:43	24°♐12'19	21°13'27
	-9800 Mar 23 j 06:19	0°♑	
morning set	-9800 Apr 06 j 22:23	25°♑40'24	
asc. node	-9800 Apr 07 j 06:56	26°♑24'26	
	-9800 Apr 09 j 00:31	0°♒	
superior conj	-9800 Apr 14 j 10:56	11°♒18'48	1°04'27
minimum elong	-9800 Apr 14 j 08:20	11°♒05'28	1°03'35
max. Earth dist.	-9800 Apr 18 j 08:52	19°♒15'54	1.35300 AU
evening rise	-9800 Apr 22 j 22:22	28°♒08'52	
	-9800 Apr 23 j 21:58	0°♓	
	-9800 May 11 j 21:07	0°♈	
desc. node	-9800 May 23 j 20:47	15°♈51'14	
evening max el	-9800 May 28 j 06:56	20°♈35'20	26°42'18
retrograde	-9800 Jun 10 j 07:08	28°♈00'07	
evening set	-9800 Jun 16 j 22:42	25°♈12'26	
min. Earth dist.	-9800 Jun 20 j 21:08	21°♈05'17	0.65619 AU
inferior conj	-9800 Jun 22 j 14:05	19°♈01'28	-3°05'19
minimum elong	-9800 Jun 22 j 16:40	18°♈53'40	3°04'39
morning rise	-9800 Jun 28 j 10:52	13°♈18'04	
direct	-9800 Jul 01 j 13:22	12°♈23'44	
asc. node	-9800 Jul 04 j 07:33	13°♈04'54	
morning max el	-9800 Jul 08 j 06:48	16°♈08'30	18°41'58
	-9800 Jul 18 j 10:13	0°♉	
morning set	-9800 Jul 28 j 22:24	16°♉53'33	
	-9800 Aug 06 j 02:00	0°♊	
superior conj	-9800 Aug 13 j 09:01	11°♊35'04	0°37'53
minimum elong	-9800 Aug 13 j 13:35	11°♊53'09	0°37'51
max. Earth dist.	-9800 Aug 14 j 06:02	12°♊58'09	1.44622 AU
desc. node	-9800 Aug 19 j 18:10	21°♊39'59	
	-9800 Aug 25 j 00:36	0°♋	
evening rise	-9800 Aug 29 j 15:59	7°♋22'04	
	-9800 Sep 13 j 02:55	0°♌	
evening max el	-9800 Sep 20 j 17:26	9°♌52'03	19°05'11
retrograde	-9800 Sep 27 j 16:18	13°♌49'21	
asc. node	-9800 Sep 30 j 07:18	13°♌09'42	
evening set	-9800 Sep 30 j 20:02	12°♌52'07	
inferior conj	-9800 Oct 06 j 14:44	7°♌03'07	1°57'56
minimum elong	-9800 Oct 06 j 12:06	7°♌11'18	1°57'29
min. Earth dist.	-9800 Oct 08 j 01:39	5°♌14'27	0.65488 AU
morning rise	-9800 Oct 12 j 03:45	0°♌50'33	
	-9800 Oct 13 j 05:25	30°℞♋	
direct	-9800 Oct 18 j 12:24	28°♋08'47	
	-9800 Oct 24 j 09:44	0°♌	
morning max el	-9800 Oct 31 j 06:43	5°♌33'22	26°27'27
desc. node	-9800 Nov 15 j 18:19	24°♌51'20	
	-9800 Nov 19 j 05:42	0°♍	
morning set	-9800 Dec 06 j 05:04	28°♍46'38	
	-9800 Dec 06 j 20:37	0°♎	
max. Earth dist.	-9800 Dec 10 j 10:42	6°♎56'11	1.35257 AU
superior conj	-9800 Dec 14 j 23:22	16°♎03'44	-1°33'11
minimum elong	-9800 Dec 15 j 01:19	16°♎13'43	1°33'07
	-9800 Dec 21 j 16:25	0°♏	
evening rise	-9800 Dec 22 j 13:33	1°♏49'07	
asc. node	-9800 Dec 27 j 05:15	11°♏07'32	
	-9799 Jan 08 j 07:04	0°♐	
evening max el	-9799 Jan 10 j 18:11	2°♐33'20	20°48'54
retrograde	-9799 Jan 21 j 20:26	7°♐46'13	
evening set	-9799 Jan 24 j 12:03	7°♐29'34	
inferior conj	-9799 Feb 02 j 09:39	3°♐31'19	2°21'49
minimum elong	-9799 Feb 02 j 14:59	3°♐23'34	2°19'50
min. Earth dist.	-9799 Feb 03 j 14:58	2°♐48'47	0.55578 AU
	-9799 Feb 09 j 04:55	30°℞♏	
morning rise	-9799 Feb 11 j 16:37	29°♏13'14	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9799 Feb 11 j 19:31	29°♏11'34	
direct	-9799 Feb 14 j 22:38	28°♏50'00	
	-9799 Feb 20 j 11:32	0°♐	
morning max el	-9799 Feb 28 j 02:24	5°♐16'40	22°44'52
	-9799 Mar 17 j 02:02	0°♑	
morning set	-9799 Mar 22 j 09:16	10°♑37'35	
asc. node	-9799 Mar 25 j 03:53	16°♑28'31	
superior conj	-9799 Mar 29 j 14:19	25°♑54'55	0°42'05
minimum elong	-9799 Mar 29 j 12:33	25°♑45'30	0°41'13
	-9799 Mar 31 j 12:52	0°♒	
max. Earth dist.	-9799 Apr 01 j 06:27	1°♒31'41	1.34162 AU
evening rise	-9799 Apr 06 j 10:54	12°♒01'38	
	-9799 Apr 16 j 05:36	0°♓	
	-9799 May 07 j 03:25	0°♈	
evening max el	-9799 May 10 j 17:55	3°♈46'58	27°18'31
desc. node	-9799 May 10 j 18:10	3°♈47'34	
retrograde	-9799 May 24 j 06:28	11°♈18'11	
evening set	-9799 May 31 j 05:28	8°♈34'21	
min. Earth dist.	-9799 Jun 03 j 22:22	5°♈03'00	0.64317 AU
inferior conj	-9799 Jun 06 j 05:48	2°♈29'49	-3°29'28
minimum elong	-9799 Jun 06 j 07:43	2°♈24'30	3°29'16
	-9799 Jun 08 j 14:10	30°℞♓	
morning rise	-9799 Jun 12 j 10:32	27°♓02'34	
direct	-9799 Jun 15 j 07:30	26°♓19'09	
asc. node	-9799 Jun 21 j 04:22	29°♓11'15	
morning max el	-9799 Jun 21 j 19:26	29°♓47'38	18°12'28
	-9799 Jun 22 j 00:19	0°♈	
morning set	-9799 Jul 10 j 01:34	27°♈39'22	
	-9799 Jul 11 j 10:53	0°♉	
superior conj	-9799 Jul 23 j 15:50	20°♉10'28	1°17'12
minimum elong	-9799 Jul 23 j 22:20	20°♉36'47	1°17'00
max. Earth dist.	-9799 Jul 27 j 22:19	27°♉01'44	1.44173 AU
	-9799 Jul 29 j 19:10	0°♊	
desc. node	-9799 Aug 06 j 15:22	12°♊19'25	
evening rise	-9799 Aug 09 j 05:15	16°♊20'15	
	-9799 Aug 18 j 01:57	0°♋	
greatest brilliancy	-9799 Aug 21 j 22:47	5°♋51'20	-0.7m
evening max el	-9799 Sep 04 j 00:02	23°♋20'40	19°57'15
retrograde	-9799 Sep 11 j 12:50	27°♋43'08	
evening set	-9799 Sep 15 j 01:56	26°♋30'10	
asc. node	-9799 Sep 17 j 04:25	24°♋40'10	
inferior conj	-9799 Sep 20 j 14:35	20°♋30'02	1°06'06
minimum elong	-9799 Sep 20 j 13:05	20°♋35'00	1°06'05
min. Earth dist.	-9799 Sep 21 j 13:39	19°♋14'03	0.66366 AU
morning rise	-9799 Sep 25 j 23:59	14°♋12'20	
direct	-9799 Oct 01 j 18:36	11°♋43'48	
morning max el	-9799 Oct 13 j 16:15	18°♋46'25	25°17'53
	-9799 Oct 23 j 05:48	0°♌	
desc. node	-9799 Nov 02 j 15:03	14°♌39'26	
	-9799 Nov 12 j 07:02	0°♍	
morning set	-9799 Nov 18 j 18:17	11°♍12'07	
max. Earth dist.	-9799 Nov 22 j 14:40	18°♍15'00	1.36908 AU
superior conj	-9799 Nov 28 j 15:16	29°♍50'57	-1°41'25
minimum elong	-9799 Nov 28 j 16:09	29°♍55'19	1°41'20
	-9799 Nov 28 j 17:06	0°♎	
evening rise	-9799 Dec 06 j 17:58	16°♎10'58	
	-9799 Dec 13 j 22:40	0°♏	
asc. node	-9799 Dec 14 j 02:32	0°♏17'08	
evening max el	-9799 Dec 24 j 06:06	14°♏21'46	19°38'52
retrograde	-9798 Jan 02 j 18:07	18°♏50'42	
evening set	-9798 Jan 05 j 06:48	18°♏33'07	
inferior conj	-9798 Jan 13 j 15:42	14°♏27'10	3°36'24
minimum elong	-9798 Jan 13 j 20:38	14°♏19'15	3°35'09
min. Earth dist.	-9798 Jan 16 j 04:29	12°♏50'08	0.56546 AU
morning rise	-9798 Jan 22 j 08:21	9°♏44'47	
direct	-9798 Jan 26 j 20:55	8°♏58'45	
desc. node	-9798 Jan 29 j 16:22	9°♏16'56	
morning max el	-9798 Feb 09 j 18:04	15°♏57'44	24°22'14
	-9798 Feb 20 j 22:40	0°♐	
morning set	-9798 Mar 06 j 21:40	25°♐41'49	
	-9798 Mar 08 j 22:25	0°♑	
asc. node	-9798 Mar 12 j 00:54	6°♑41'05	
superior conj	-9798 Mar 13 j 22:25	10°♑47'06	0°18'33
minimum elong	-9798 Mar 13 j 21:39	10°♑42'55	0°17'48
max. Earth dist.	-9798 Mar 15 j 12:49	14°♑13'32	1.33368 AU
evening rise	-9798 Mar 21 j 08:57	26°♑24'44	
	-9798 Mar 23 j 04:05	0°♒	
	-9798 Apr 09 j 15:41	0°♓	
evening max el	-9798 Apr 23 j 03:07	16°♓35'16	27°25'09
desc. node	-9798 Apr 27 j 15:29	20°♓26'09	
retrograde	-9798 May 06 j 23:31	24°♓06'20	
evening set	-9798 May 13 j 22:48	21°♓39'34	
min. Earth dist.	-9798 May 17 j 14:20	18°♓35'57	0.62648 AU
inferior conj	-9798 May 20 j 11:40	15°♓44'42	-3°40'40
minimum elong	-9798 May 20 j 12:10	15°♓43'28	3°40'51
morning rise	-9798 May 27 j 02:42	10°♓36'09	
direct	-9798 May 29 j 19:26	10°♓01'57	
morning max el	-9798 Jun 05 j 09:28	13°♓24'12	18°00'59
asc. node	-9798 Jun 08 j 01:11	16°♓24'54	
	-9798 Jun 16 j 18:20	0°♈	
morning set	-9798 Jun 22 j 04:08	9°♈31'25	
superior conj	-9798 Jul 03 j 22:13	29°♈55'30	1°41'15
minimum elong	-9798 Jul 04 j 02:12	0°♉12'19	1°41'16
	-9798 Jul 03 j 23:17	0°♉	
max. Earth dist.	-9798 Jul 10 j 11:06	10°♉44'25	1.43078 AU
evening rise	-9798 Jul 19 j 06:03	24°♉43'53	
	-9798 Jul 22 j 15:36	0°♊	
desc. node	-9798 Jul 24 j 12:39	2°♊52'50	
	-9798 Aug 12 j 06:20	0°♋	
evening max el	-9798 Aug 18 j 00:11	6°♋45'47	21°03'12
retrograde	-9798 Aug 26 j 09:24	11°♋42'04	
evening set	-9798 Aug 30 j 10:01	10°♋10'24	
asc. node	-9798 Sep 04 j 01:30	4°♋59'40	
inferior conj	-9798 Sep 04 j 18:26	4°♋02'08	0°13'47
minimum elong	-9798 Sep 04 j 18:06	4°♋03'14	0°14'14
transit middle	-9798 Sep 04 j 18:06	4°♋03'14	0°14'14
transit begin	-9798 Sep 04 j 16:45	4°♋07'50	
transit end	-9798 Sep 04 j 19:27	3°♋58'38	
min. Earth dist.	-9798 Sep 05 j 06:38	3°♋20'30	0.66938 AU
	-9798 Sep 07 j 20:38	30°℞♊	
morning rise	-9798 Sep 10 j 02:03	27°♊42'44	
direct	-9798 Sep 15 j 05:54	25°♊32'03	
	-9798 Sep 23 j 23:09	0°♋	
morning max el	-9798 Sep 26 j 01:56	2°♋01'24	23°56'25
	-9798 Oct 17 j 08:11	0°♌	
desc. node	-9798 Oct 20 j 11:50	4°♌48'26	
morning set	-9798 Oct 31 j 09:06	22°♌27'54	
max. Earth dist.	-9798 Nov 04 j 13:07	29°♌42'03	1.38844 AU
	-9798 Nov 04 j 17:11	0°♍	
superior conj	-9798 Nov 11 j 18:35	12°♍55'43	-1°42'06
minimum elong	-9798 Nov 11 j 17:39	12°♍51'19	1°41'51
evening rise	-9798 Nov 20 j 15:56	0°♎08'21	
	-9798 Nov 20 j 14:13	0°♎	
asc. node	-9798 Nov 30 j 23:51	18°♎52'07	
evening max el	-9798 Dec 07 j 03:50	26°♎42'59	18°48'14
	-9798 Dec 11 j 23:05	0°♏	
retrograde	-9798 Dec 15 j 08:26	0°♏40'18	
evening set	-9798 Dec 17 j 20:28	0°♏19'38	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9798 Dec 18 j 21:01	30°℞♎	
inferior conj	-9798 Dec 25 j 15:25	25°♎55'58	4°11'26
minimum elong	-9798 Dec 25 j 17:04	25°♎52'56	4°11'09
min. Earth dist.	-9798 Dec 28 j 19:38	23°♎36'10	0.58106 AU
morning rise	-9797 Jan 02 j 11:37	20°♎48'51	
direct	-9797 Jan 08 j 06:51	19°♎27'21	
desc. node	-9797 Jan 16 j 13:10	22°♎05'43	
morning max el	-9797 Jan 22 j 09:32	26°♎44'04	25°51'35
	-9797 Jan 25 j 12:56	0°♏	
	-9797 Feb 14 j 01:29	0°♐	
morning set	-9797 Feb 19 j 09:49	10°♐46'39	
superior conj	-9797 Feb 26 j 09:17	25°♐48'46	-0°05'14
minimum elong	-9797 Feb 26 j 09:32	25°♐50'07	0°05'45
behind sun begin	-9797 Feb 26 j 04:50	25°♐24'31	
behind sun end	-9797 Feb 26 j 14:14	26°♐15'43	
asc. node	-9797 Feb 26 j 22:00	26°♐58'00	
max. Earth dist.	-9797 Feb 27 j 00:41	27°♐12'36	1.32898 AU
	-9797 Feb 28 j 07:30	0°♑	
evening rise	-9797 Mar 05 j 13:30	11°♑08'10	
	-9797 Mar 15 j 10:32	0°♒	
evening max el	-9797 Apr 05 j 08:08	28°♒49'58	26°59'12
	-9797 Apr 06 j 14:14	0°♓	
desc. node	-9797 Apr 14 j 12:45	5°♓16'59	
retrograde	-9797 Apr 19 j 09:30	6°♓17'16	
evening set	-9797 Apr 25 j 23:20	4°♓19'49	
min. Earth dist.	-9797 Apr 29 j 21:12	1°♓30'36	0.60713 AU
	-9797 May 01 j 15:31	30°℞♒	
inferior conj	-9797 May 03 j 04:20	28°♒39'14	-3°33'45
minimum elong	-9797 May 03 j 02:45	28°♒42'42	3°33'59
morning rise	-9797 May 10 j 08:17	23°♒50'58	
direct	-9797 May 12 j 21:18	23°♒24'48	
morning max el	-9797 May 19 j 22:21	26°♒52'33	18°08'13
	-9797 May 22 j 17:10	0°♓	
asc. node	-9797 May 25 j 22:01	4°♓31'46	
morning set	-9797 Jun 05 j 01:26	22°♓19'18	
	-9797 Jun 09 j 05:10	0°♈	
superior conj	-9797 Jun 15 j 07:52	11°♈02'30	1°49'47
minimum elong	-9797 Jun 15 j 08:22	11°♈04'44	1°49'49
max. Earth dist.	-9797 Jun 22 j 17:57	23°♈49'54	1.41493 AU
	-9797 Jun 26 j 11:22	0°♉	
evening rise	-9797 Jun 28 j 16:44	3°♉36'21	
desc. node	-9797 Jul 11 j 10:00	23°♉16'26	
	-9797 Jul 16 j 00:30	0°♊	
evening max el	-9797 Jul 31 j 17:32	20°♊07'27	22°19'41
retrograde	-9797 Aug 10 j 04:23	25°♊43'58	
evening set	-9797 Aug 14 j 18:21	23°♊51'39	
inferior conj	-9797 Aug 20 j 00:23	17°♊38'14	-0°37'13
minimum elong	-9797 Aug 20 j 01:11	17°♊35'29	0°36'21
min. Earth dist.	-9797 Aug 20 j 02:13	17°♊31'52	0.67220 AU
asc. node	-9797 Aug 21 j 22:32	15°♊01'50	
morning rise	-9797 Aug 25 j 07:55	11°♊20'37	
direct	-9797 Aug 29 j 21:44	9°♊29'07	
morning max el	-9797 Sep 08 j 13:59	15°♊17'50	22°31'53
	-9797 Sep 20 j 09:45	0°♋	
desc. node	-9797 Oct 07 j 08:42	25°♋12'09	
	-9797 Oct 10 j 09:11	0°♌	
morning set	-9797 Oct 11 j 21:12	2°♌25'17	
max. Earth dist.	-9797 Oct 17 j 12:33	11°♌45'09	1.40831 AU
superior conj	-9797 Oct 25 j 04:19	25°♌04'53	-1°32'41
minimum elong	-9797 Oct 25 j 01:06	24°♌50'25	1°32'05
	-9797 Oct 27 j 21:32	0°♍	
evening rise	-9797 Nov 04 j 04:34	13°♍34'22	
	-9797 Nov 13 j 07:27	0°♎	
asc. node	-9797 Nov 17 j 21:10	6°♎41'40	

evening max el	-9797 Nov 20 j 09:38	9°♎31'52	18°17'54
retrograde	-9797 Nov 27 j 16:25	13°♎10'31	
evening set	-9797 Nov 30 j 04:52	12°♎45'25	
inferior conj	-9797 Dec 07 j 10:43	8°♎00'34	4°12'27
minimum elong	-9797 Dec 07 j 09:09	8°♎03'54	4°12'21
min. Earth dist.	-9797 Dec 10 j 15:43	5°♎17'16	0.59959 AU
morning rise	-9797 Dec 14 j 11:50	2°♎33'07	
direct	-9797 Dec 21 j 04:25	0°♎33'24	
desc. node	-9796 Jan 03 j 09:56	7°♎12'36	
morning max el	-9796 Jan 04 j 05:56	7°♎59'42	26°58'08
	-9796 Jan 20 j 23:47	0°♏	
morning set	-9796 Feb 03 j 19:51	25°♏44'24	
	-9796 Feb 05 j 20:28	0°♐	
superior conj	-9796 Feb 10 j 21:08	10°♐52'48	-0°28'21
minimum elong	-9796 Feb 10 j 22:18	10°♐59'12	0°28'39
max. Earth dist.	-9796 Feb 10 j 14:14	10°♐15'07	1.32754 AU
asc. node	-9796 Feb 13 j 19:08	17°♐14'25	
evening rise	-9796 Feb 17 j 22:11	26°♐02'54	
	-9796 Feb 19 j 20:11	0°♑	
	-9796 Mar 08 j 09:14	0°♒	
evening max el	-9796 Mar 17 j 07:32	10°♒26'03	26°02'07
retrograde	-9796 Mar 31 j 10:39	17°♒44'22	
desc. node	-9796 Mar 31 j 09:58	17°♒44'22	
evening set	-9796 Apr 06 j 04:29	16°♒23'11	
min. Earth dist.	-9796 Apr 10 j 20:45	13°♒32'45	0.58716 AU
inferior conj	-9796 Apr 14 j 04:07	11°♒03'45	-3°01'52
minimum elong	-9796 Apr 14 j 00:30	11°♒10'36	3°01'42
morning rise	-9796 Apr 21 j 23:33	6°♒35'38	
direct	-9796 Apr 24 j 08:51	6°♒16'16	
morning max el	-9796 May 02 j 07:06	10°♒03'14	18°34'46
asc. node	-9796 May 11 j 18:53	23°♒18'59	
	-9796 May 15 j 11:01	0°♓	
morning set	-9796 May 18 j 12:47	5°♓51'21	
superior conj	-9796 May 27 j 16:32	23°♓19'38	1°46'09
minimum elong	-9796 May 27 j 14:40	23°♓10'55	1°45'56
	-9796 May 31 j 07:50	0°♈	
max. Earth dist.	-9796 Jun 03 j 19:16	6°♈11'00	1.39646 AU
evening rise	-9796 Jun 08 j 04:33	13°♈43'02	
	-9796 Jun 18 j 06:49	0°♉	
desc. node	-9796 Jun 27 j 07:23	13°♉24'46	
	-9796 Jul 10 j 00:23	0°♊	
evening max el	-9796 Jul 13 j 05:42	3°♊28'09	23°41'30
retrograde	-9796 Jul 23 j 20:26	9°♊45'27	
evening set	-9796 Jul 29 j 00:59	7°♊32'21	
inferior conj	-9796 Aug 03 j 06:40	1°♊16'35	-1°25'20
minimum elong	-9796 Aug 03 j 08:23	1°♊10'40	1°24'14
min. Earth dist.	-9796 Aug 02 j 21:58	1°♊46'25	0.67206 AU
	-9796 Aug 04 j 05:09	30°℞♉	
asc. node	-9796 Aug 07 j 19:31	25°♉47'04	
morning rise	-9796 Aug 08 j 15:43	25°♉04'20	
direct	-9796 Aug 12 j 17:08	23°♉31'21	
morning max el	-9796 Aug 21 j 06:53	28°♉37'50	21°11'59
	-9796 Aug 22 j 13:36	0°♊	
	-9796 Sep 13 j 02:10	0°♋	
morning set	-9796 Sep 20 j 08:51	11°♋14'22	
desc. node	-9796 Sep 23 j 05:38	15°♋45'40	
max. Earth dist.	-9796 Sep 28 j 17:34	24°♋36'29	1.42595 AU
	-9796 Oct 02 j 00:07	0°♌	
superior conj	-9796 Oct 05 j 14:42	6°♌03'51	-1°10'36
minimum elong	-9796 Oct 05 j 09:50	5°♌43'11	1°09'36
evening rise	-9796 Oct 17 j 04:03	26°♌20'07	
	-9796 Oct 19 j 05:06	0°♍	
evening max el	-9796 Nov 02 j 20:43	22°♍40'50	18°07'28
asc. node	-9796 Nov 03 j 18:27	23°♍32'11	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9796 Nov 09 j 15:07	26°♍12'27	
evening set	-9796 Nov 12 j 05:22	25°♍41'19	
inferior conj	-9796 Nov 18 j 23:22	20°♍35'17	3°49'56
minimum elong	-9796 Nov 18 j 20:04	20°♍43'19	3°49'32
min. Earth dist.	-9796 Nov 21 j 19:42	17°♍49'48	0.61816 AU
morning rise	-9796 Nov 25 j 09:41	14°♍51'35	
direct	-9796 Dec 02 j 11:23	12°♍22'39	
morning max el	-9796 Dec 16 j 08:34	19°♍54'27	27°32'20
desc. node	-9796 Dec 20 j 06:41	24°♍02'55	
	-9796 Dec 25 j 02:50	0°♎	
	-9795 Jan 12 j 18:19	0°♏	
morning set	-9795 Jan 18 j 01:46	10°♏27'46	
max. Earth dist.	-9795 Jan 24 j 01:55	23°♏08'27	1.32955 AU
superior conj	-9795 Jan 25 j 08:20	25°♏53'12	-0°50'05
minimum elong	-9795 Jan 25 j 10:13	26°♏03'27	0°50'11
	-9795 Jan 27 j 05:44	0°♐	
asc. node	-9795 Jan 30 j 16:20	7°♐26'13	
evening rise	-9795 Feb 01 j 09:04	11°♐02'06	
	-9795 Feb 11 j 04:54	0°♑	
evening max el	-9795 Feb 27 j 02:11	21°♑30'36	24°40'59
retrograde	-9795 Mar 13 j 00:21	28°♑29'45	
evening set	-9795 Mar 17 j 15:10	27°♑41'22	
desc. node	-9795 Mar 18 j 07:05	27°♑26'51	
min. Earth dist.	-9795 Mar 23 j 15:25	24°♑36'50	0.56966 AU
inferior conj	-9795 Mar 26 j 08:18	22°♑50'55	-1°58'36
minimum elong	-9795 Mar 26 j 04:21	22°♑57'24	1°58'05
morning rise	-9795 Apr 03 j 20:40	18°♑39'47	
direct	-9795 Apr 06 j 02:51	18°♑25'18	
morning max el	-9795 Apr 15 j 08:43	22°♑46'24	19°21'08
	-9795 Apr 21 j 07:08	0°♒	
asc. node	-9795 Apr 28 j 15:45	12°♒36'56	
morning set	-9795 May 02 j 10:18	19°♒58'01	
	-9795 May 07 j 11:05	0°♓	
superior conj	-9795 May 10 j 18:39	6°♓31'48	1°34'00
minimum elong	-9795 May 10 j 15:47	6°♓17'48	1°33'27
max. Earth dist.	-9795 May 16 j 20:01	18°♓01'18	1.37787 AU
evening rise	-9795 May 20 j 19:20	25°♓11'40	
	-9795 May 23 j 13:29	0°♈	
	-9795 Jun 11 j 20:50	0°♉	
desc. node	-9795 Jun 14 j 04:46	3°♉11'06	
evening max el	-9795 Jun 25 j 15:44	16°♉51'13	25°01'16
retrograde	-9795 Jul 07 j 08:30	23°♉42'47	
evening set	-9795 Jul 13 j 03:59	21°♉11'12	
min. Earth dist.	-9795 Jul 17 j 15:20	16°♉02'35	0.66878 AU
inferior conj	-9795 Jul 18 j 11:29	14°♉55'40	-2°09'08
minimum elong	-9795 Jul 18 j 13:52	14°♉47'43	2°08'01
morning rise	-9795 Jul 23 j 23:42	8°♉52'13	
asc. node	-9795 Jul 25 j 16:27	7°♉57'20	
direct	-9795 Jul 27 j 14:42	7°♉35'58	
morning max el	-9795 Aug 04 j 06:18	12°♉04'16	20°02'22
	-9795 Aug 17 j 15:03	0°♊	
morning set	-9795 Aug 30 j 10:30	19°♊38'13	
	-9795 Sep 06 j 01:28	0°♋	
desc. node	-9795 Sep 10 j 02:37	6°♋24'37	
max. Earth dist.	-9795 Sep 11 j 05:18	8°♋11'01	1.43897 AU
superior conj	-9795 Sep 15 j 21:20	15°♋42'02	-0°34'45
minimum elong	-9795 Sep 15 j 17:42	15°♋27'20	0°33'44
	-9795 Sep 24 j 13:00	0°♌	
evening rise	-9795 Sep 29 j 09:28	8°♌13'30	
	-9795 Oct 12 j 15:01	0°♍	
evening max el	-9795 Oct 17 j 10:02	6°♍01'20	18°15'56
asc. node	-9795 Oct 21 j 15:43	9°♍06'51	
retrograde	-9795 Oct 24 j 00:22	9°♍35'58	
evening set	-9795 Oct 26 j 18:12	8°♍56'44	

inferior conj	-9795 Nov 02 j 01:50	3°♍31'27	3°12'37
minimum elong	-9795 Nov 01 j 22:10	3°♍41'27	3°11'59
min. Earth dist.	-9795 Nov 04 j 09:19	1°♍00'45	0.63477 AU
	-9795 Nov 05 j 08:48	30°℞♌	
morning rise	-9795 Nov 08 j 01:25	27°♌34'16	
direct	-9795 Nov 15 j 01:38	24°♌50'23	
	-9795 Nov 26 j 00:40	0°♍	
morning max el	-9795 Nov 28 j 15:59	2°♍24'30	27°31'35
desc. node	-9795 Dec 07 j 03:23	12°♍06'16	
	-9795 Dec 19 j 08:35	0°♎	
morning set	-9794 Jan 02 j 01:01	24°♎47'08	
	-9794 Jan 04 j 14:50	0°♏	
max. Earth dist.	-9794 Jan 07 j 07:58	5°♏39'15	1.33525 AU
superior conj	-9794 Jan 09 j 17:02	10°♏42'35	-1°09'35
minimum elong	-9794 Jan 09 j 19:20	10°♏54'49	1°09'34
evening rise	-9794 Jan 16 j 20:22	25°♏58'24	
asc. node	-9794 Jan 17 j 13:33	27°♏28'06	
	-9794 Jan 18 j 19:01	0°♐	
	-9794 Feb 06 j 11:57	0°♑	
evening max el	-9794 Feb 08 j 19:29	2°♑21'02	23°07'56
retrograde	-9794 Feb 22 j 01:00	8°♑47'22	
evening set	-9794 Feb 25 j 14:13	8°♑19'50	
desc. node	-9794 Mar 05 j 04:08	4°♑54'23	
min. Earth dist.	-9794 Mar 05 j 07:08	4°♑50'01	0.55777 AU
inferior conj	-9794 Mar 06 j 17:38	3°♑59'25	-0°24'27
minimum elong	-9794 Mar 06 j 16:34	4°♑00'59	0°24'40
morning rise	-9794 Mar 15 j 20:55	29°♐57'29	
	-9794 Mar 15 j 15:38	30°℞♐	
direct	-9794 Mar 18 j 03:40	29°♐44'48	
	-9794 Mar 20 j 14:14	0°♑	
morning max el	-9794 Mar 29 j 00:29	4°♑52'45	20°27'16
	-9794 Apr 14 j 09:04	0°♒	
asc. node	-9794 Apr 15 j 12:39	2°♒17'46	
morning set	-9794 Apr 16 j 14:55	4°♒30'35	
superior conj	-9794 Apr 24 j 09:24	20°♒25'24	1°16'18
minimum elong	-9794 Apr 24 j 06:31	20°♒10'49	1°15'30
max. Earth dist.	-9794 Apr 29 j 02:20	29°♒45'58	1.36120 AU
	-9794 Apr 29 j 05:14	0°♓	
evening rise	-9794 May 03 j 08:12	7°♓49'06	
	-9794 May 16 j 06:33	0°♈	
desc. node	-9794 Jun 01 j 02:08	22°♈26'15	
	-9794 Jun 07 j 19:33	0°♉	
evening max el	-9794 Jun 08 j 01:54	0°♉15'45	26°10'31
retrograde	-9794 Jun 20 j 16:01	7°♉31'11	
evening set	-9794 Jun 27 j 01:14	4°♉46'43	
min. Earth dist.	-9794 Jul 01 j 03:59	0°♉17'26	0.66193 AU
	-9794 Jul 01 j 09:34	30°℞♈	
inferior conj	-9794 Jul 02 j 12:58	28°♈33'39	-2°46'59
minimum elong	-9794 Jul 02 j 15:38	28°♈25'17	2°46'05
morning rise	-9794 Jul 08 j 06:06	22°♈42'16	
direct	-9794 Jul 11 j 12:40	21°♈40'33	
asc. node	-9794 Jul 12 j 13:18	21°♈46'27	
morning max el	-9794 Jul 18 j 12:12	25°♈38'21	19°06'48
	-9794 Jul 22 j 05:00	0°♉	
morning set	-9794 Aug 09 j 23:09	28°♉35'58	
	-9794 Aug 10 j 20:22	0°♊	
max. Earth dist.	-9794 Aug 24 j 21:34	22°♊12'38	1.44563 AU
superior conj	-9794 Aug 26 j 04:00	24°♊13'07	0°11'02
minimum elong	-9794 Aug 26 j 05:27	24°♊18'49	0°11'24
behind sun begin	-9794 Aug 25 j 21:12	23°♊46'09	
behind sun end	-9794 Aug 26 j 13:42	24°♊51'31	
desc. node	-9794 Aug 27 j 23:41	27°♊06'17	
	-9794 Aug 29 j 19:24	0°♋	
evening rise	-9794 Sep 10 j 15:29	19°♋02'45	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9794 Sep 17 j 09:07	0°♌	
evening max el	-9794 Sep 30 j 22:42	19°♌27'55	18°42'17
retrograde	-9794 Oct 07 j 16:28	23°♌14'37	
asc. node	-9794 Oct 08 j 12:55	23°♌10'32	
evening set	-9794 Oct 10 j 15:56	22°♌24'46	
inferior conj	-9794 Oct 16 j 14:50	16°♌43'12	2°26'39
minimum elong	-9794 Oct 16 j 11:41	16°♌52'38	2°26'03
min. Earth dist.	-9794 Oct 18 j 08:55	14°♌37'41	0.64845 AU
morning rise	-9794 Oct 22 j 06:57	10°♌35'17	
direct	-9794 Oct 28 j 22:27	7°♌49'52	
morning max el	-9794 Nov 11 j 01:52	15°♌20'39	26°58'37
	-9794 Nov 23 j 06:24	0°♍	
desc. node	-9794 Nov 24 j 00:06	1°♍01'28	
	-9794 Dec 12 j 00:54	0°♎	
morning set	-9794 Dec 16 j 14:29	8°♎32'27	
max. Earth dist.	-9794 Dec 21 j 04:56	17°♎38'43	1.34503 AU
superior conj	-9794 Dec 24 j 21:16	25°♎14'04	-1°25'49
minimum elong	-9794 Dec 24 j 23:31	25°♎25'46	1°25'46
	-9794 Dec 27 j 03:41	0°♏	
evening rise	-9793 Jan 01 j 06:25	10°♏45'52	
asc. node	-9793 Jan 04 j 10:48	17°♏14'55	
	-9793 Jan 11 j 10:11	0°♐	
evening max el	-9793 Jan 21 j 16:49	13°♐21'18	21°36'26
retrograde	-9793 Feb 02 j 16:36	19°♐02'54	
evening set	-9793 Feb 05 j 13:03	18°♐44'33	
inferior conj	-9793 Feb 14 j 15:30	14°♐42'44	1°24'12
minimum elong	-9793 Feb 14 j 19:05	14°♐37'39	1°22'32
min. Earth dist.	-9793 Feb 14 j 21:27	14°♐34'17	0.55393 AU
desc. node	-9793 Feb 20 j 01:07	11°♐53'06	
morning rise	-9793 Feb 24 j 01:06	10°♐35'24	
direct	-9793 Feb 26 j 18:15	10°♐19'01	
morning max el	-9793 Mar 11 j 05:12	16°♐18'41	21°51'01
	-9793 Mar 21 j 17:40	0°♑	
morning set	-9793 Apr 01 j 00:07	19°♑21'00	
asc. node	-9793 Apr 02 j 09:34	22°♑15'03	
	-9793 Apr 06 j 01:57	0°♒	
superior conj	-9793 Apr 08 j 09:01	4°♒48'56	0°55'11
minimum elong	-9793 Apr 08 j 06:44	4°♒37'03	0°54'17
max. Earth dist.	-9793 Apr 11 j 17:59	11°♒46'26	1.34770 AU
evening rise	-9793 Apr 16 j 13:27	21°♒18'30	
	-9793 Apr 21 j 04:59	0°♓	
	-9793 May 10 j 02:08	0°♈	
desc. node	-9793 May 18 j 23:31	10°♈56'31	
evening max el	-9793 May 21 j 12:39	13°♈34'16	27°00'54
retrograde	-9793 Jun 03 j 18:32	21°♈02'54	
evening set	-9793 Jun 10 j 14:08	18°♈14'59	
min. Earth dist.	-9793 Jun 14 j 09:46	14°♈24'06	0.65115 AU
inferior conj	-9793 Jun 16 j 08:56	12°♈06'34	-3°16'55
minimum elong	-9793 Jun 16 j 11:20	11°♈59'36	3°16'27
morning rise	-9793 Jun 22 j 08:52	6°♈30'03	
direct	-9793 Jun 25 j 08:50	5°♈40'39	
asc. node	-9793 Jun 29 j 10:08	7°♈06'50	
morning max el	-9793 Jul 01 j 23:02	9°♈17'04	18°27'21
	-9793 Jul 16 j 05:15	0°♉	
morning set	-9793 Jul 21 j 11:23	8°♉39'49	
	-9793 Aug 03 j 14:58	0°♊	
superior conj	-9793 Aug 05 j 04:06	2°♊27'55	0°56'09
minimum elong	-9793 Aug 05 j 10:10	2°♊52'03	0°55'58
max. Earth dist.	-9793 Aug 07 j 14:38	6°♊20'15	1.44515 AU
desc. node	-9793 Aug 14 j 20:50	17°♊47'16	
evening rise	-9793 Aug 21 j 18:40	28°♊38'41	
	-9793 Aug 22 j 15:23	0°♋	
greatest brilliancy	-9793 Aug 31 j 17:03	14°♋09'26	-0.8m
	-9793 Sep 11 j 18:02	0°♌	
evening max el	-9793 Sep 14 j 08:04	2°♌56'10	19°25'27
retrograde	-9793 Sep 21 j 12:10	7°♌03'31	
evening set	-9793 Sep 24 j 19:34	5°♌59'59	
asc. node	-9793 Sep 25 j 10:03	5°♌34'51	
inferior conj	-9793 Sep 30 j 11:27	0°♌05'36	1°36'07
minimum elong	-9793 Sep 30 j 09:16	0°♌12'33	1°35'50
	-9793 Sep 30 j 13:12	30°℞♋	
min. Earth dist.	-9793 Oct 01 j 17:08	28°♋30'37	0.65895 AU
morning rise	-9793 Oct 05 j 22:39	23°♋50'12	
direct	-9793 Oct 12 j 01:22	21°♋13'28	
morning max el	-9793 Oct 24 j 11:57	28°♋30'48	25°59'56
	-9793 Oct 25 j 22:40	0°♌	
desc. node	-9793 Nov 10 j 20:50	20°♌33'23	
	-9793 Nov 17 j 00:45	0°♍	
morning set	-9793 Nov 29 j 14:03	21°♍31'34	
max. Earth dist.	-9793 Dec 03 j 14:45	29°♍07'40	1.35908 AU
	-9793 Dec 04 j 01:35	0°♎	
superior conj	-9793 Dec 08 j 18:34	9°♎20'08	-1°37'28
minimum elong	-9793 Dec 08 j 20:09	9°♎28'09	1°37'25
evening rise	-9793 Dec 16 j 13:28	25°♎18'48	
	-9793 Dec 18 j 21:10	0°♏	
asc. node	-9793 Dec 22 j 08:05	6°♏40'32	
evening max el	-9792 Jan 03 j 22:53	24°♏50'32	20°16'55
retrograde	-9792 Jan 14 j 08:55	29°♏44'08	
evening set	-9792 Jan 16 j 22:28	29°♏27'38	
inferior conj	-9792 Jan 25 j 15:03	25°♏27'41	2°58'09
minimum elong	-9792 Jan 25 j 20:44	25°♏19'06	2°56'19
min. Earth dist.	-9792 Jan 27 j 11:23	24°♏21'04	0.55889 AU
morning rise	-9792 Feb 03 j 17:11	20°♏59'37	
desc. node	-9792 Feb 06 j 22:03	20°♏29'23	
direct	-9792 Feb 07 j 11:01	20°♏28'43	
morning max el	-9792 Feb 21 j 00:29	27°♏11'47	23°26'22
	-9792 Feb 23 j 17:28	0°♐	
	-9792 Mar 13 j 08:58	0°♑	
morning set	-9792 Mar 15 j 11:54	4°♑22'45	
asc. node	-9792 Mar 19 j 06:34	12°♑24'01	
superior conj	-9792 Mar 22 j 14:45	19°♑33'49	0°32'12
minimum elong	-9792 Mar 22 j 13:23	19°♑26'31	0°31'22
max. Earth dist.	-9792 Mar 24 j 19:30	24°♑13'52	1.33777 AU
	-9792 Mar 27 j 13:58	0°♒	
evening rise	-9792 Mar 30 j 06:30	5°♒26'18	
	-9792 Apr 12 j 20:55	0°♓	
evening max el	-9792 May 02 j 22:59	26°♓37'18	27°25'07
desc. node	-9792 May 04 j 20:51	28°♓23'24	
	-9792 May 06 j 19:37	0°♈	
retrograde	-9792 May 16 j 15:34	4°♈09'56	
evening set	-9792 May 23 j 15:41	1°♈31'25	
	-9792 May 25 j 11:23	30°℞♓	
min. Earth dist.	-9792 May 27 j 07:11	28°♓13'16	0.63649 AU
inferior conj	-9792 May 29 j 20:52	25°♓30'16	-3°36'06
minimum elong	-9792 May 29 j 22:16	25°♓26'31	3°36'05
morning rise	-9792 Jun 05 j 05:43	20°♓10'54	
direct	-9792 Jun 08 j 00:38	19°♓31'45	
morning max el	-9792 Jun 14 j 12:39	22°♓56'28	18°05'18
asc. node	-9792 Jun 15 j 06:57	23°♓44'01	
	-9792 Jun 20 j 01:57	0°♈	
morning set	-9792 Jul 02 j 00:59	19°♈54'45	
	-9792 Jul 07 j 22:22	0°♉	
superior conj	-9792 Jul 14 j 19:44	11°♉29'45	1°29'26
minimum elong	-9792 Jul 15 j 01:31	11°♉53'32	1°29'18
max. Earth dist.	-9792 Jul 20 j 05:13	20°♉15'05	1.43777 AU
	-9792 Jul 26 j 08:38	0°♊	
evening rise	-9792 Jul 31 j 00:08	7°♊15'02	
desc. node	-9792 Jul 31 j 18:04	8°♊24'30	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9792 Aug 15 j 00:02	0°♋	
evening max el	-9792 Aug 27 j 12:01	16°♋23'15	20°23'49
retrograde	-9792 Sep 04 j 09:01	20°♋59'34	
evening set	-9792 Sep 08 j 02:39	19°♋39'10	
asc. node	-9792 Sep 11 j 07:10	16°♋30'18	
inferior conj	-9792 Sep 13 j 13:16	13°♋35'12	0°43'51
minimum elong	-9792 Sep 13 j 12:16	13°♋38'34	0°44'02
min. Earth dist.	-9792 Sep 14 j 07:41	12°♋33'27	0.66642 AU
morning rise	-9792 Sep 18 j 21:40	7°♋16'05	
direct	-9792 Sep 24 j 09:59	4°♋54'36	
morning max el	-9792 Oct 05 j 21:22	11°♋45'06	24°44'03
	-9792 Oct 20 j 13:38	0°♌	
desc. node	-9792 Oct 27 j 17:35	10°♌31'13	
	-9792 Nov 08 j 18:14	0°♍	
morning set	-9792 Nov 10 j 18:27	3°♍29'20	
max. Earth dist.	-9792 Nov 14 j 15:08	10°♍23'57	1.37699 AU
superior conj	-9792 Nov 21 j 05:39	22°♍50'44	-1°42'47
minimum elong	-9792 Nov 21 j 05:51	22°♍51'43	1°42'39
	-9792 Nov 24 j 21:01	0°♎	
evening rise	-9792 Nov 29 j 15:28	9°♎30'51	
asc. node	-9792 Dec 08 j 05:25	25°♎36'43	
	-9792 Dec 10 j 23:57	0°♏	
evening max el	-9792 Dec 16 j 15:13	6°♏53'49	19°14'58
retrograde	-9792 Dec 25 j 12:50	11°♏07'26	
evening set	-9792 Dec 28 j 01:00	10°♏48'49	
inferior conj	-9791 Jan 05 j 04:01	6°♏36'35	3°55'59
minimum elong	-9791 Jan 05 j 07:42	6°♏30'17	3°55'14
min. Earth dist.	-9791 Jan 08 j 01:36	4°♏39'04	0.57148 AU
morning rise	-9791 Jan 13 j 12:08	1°♏43'03	
direct	-9791 Jan 18 j 14:31	0°♏42'46	
desc. node	-9791 Jan 23 j 18:54	1°♏45'15	
morning max el	-9791 Feb 01 j 15:12	7°♏51'35	25°02'06
	-9791 Feb 17 j 22:12	0°♐	
morning set	-9791 Feb 28 j 00:25	19°♐27'58	
	-9791 Mar 04 j 22:21	0°♑	
asc. node	-9791 Mar 06 j 03:39	2°♑39'08	
superior conj	-9791 Mar 07 j 00:17	4°♑31'05	0°08'28
minimum elong	-9791 Mar 06 j 23:56	4°♑29'15	0°07'49
behind sun begin	-9791 Mar 06 j 19:31	4°♑05'14	
behind sun end	-9791 Mar 07 j 04:22	4°♑53'15	
max. Earth dist.	-9791 Mar 08 j 04:29	7°♑03'45	1.33127 AU
evening rise	-9791 Mar 14 j 07:41	19°♑59'29	
	-9791 Mar 19 j 09:49	0°♒	
	-9791 Apr 07 j 04:21	0°♓	
evening max el	-9791 Apr 15 j 06:47	9°♓12'55	27°18'11
desc. node	-9791 Apr 21 j 18:10	14°♓20'30	
retrograde	-9791 Apr 29 j 05:59	16°♓43'03	
evening set	-9791 May 06 j 02:19	14°♓27'42	
min. Earth dist.	-9791 May 09 j 19:27	11°♓31'43	0.61847 AU
inferior conj	-9791 May 12 j 21:36	8°♓37'55	-3°40'22
minimum elong	-9791 May 12 j 21:16	8°♓38'42	3°40'37
morning rise	-9791 May 19 j 17:47	3°♓37'38	
direct	-9791 May 22 j 08:48	3°♓07'05	
morning max el	-9791 May 29 j 02:31	6°♓30'30	18°01'39
asc. node	-9791 Jun 02 j 03:48	11°♓22'06	
	-9791 Jun 13 j 06:52	0°♈	
morning set	-9791 Jun 14 j 12:11	2°♈12'19	
superior conj	-9791 Jun 25 j 13:56	21°♈50'08	1°46'36
minimum elong	-9791 Jun 25 j 16:23	22°♈00'41	1°46'40
	-9791 Jun 30 j 09:35	0°♉	
max. Earth dist.	-9791 Jul 02 j 15:16	3°♉42'19	1.42455 AU
evening rise	-9791 Jul 10 j 02:30	15°♉43'41	
desc. node	-9791 Jul 18 j 15:22	28°♉54'23	
	-9791 Jul 19 j 08:45	0°♊	
evening max el	-9791 Aug 10 j 09:20	29°♊47'35	21°34'48
	-9791 Aug 10 j 14:15	0°♋	
retrograde	-9791 Aug 19 j 04:59	5°♋00'15	
evening set	-9791 Aug 23 j 11:04	3°♋20'09	
	-9791 Aug 26 j 15:16	30°℞♊	
inferior conj	-9791 Aug 28 j 18:15	27°♊09'36	-0°08'05
minimum elong	-9791 Aug 28 j 18:25	27°♊09'03	0°07'27
transit middle	-9791 Aug 28 j 18:25	27°♊09'03	0°07'27
transit begin	-9791 Aug 28 j 16:00	27°♊17'20	
transit end	-9791 Aug 28 j 20:50	27°♊00'45	
min. Earth dist.	-9791 Aug 29 j 02:07	26°♊42'35	0.67095 AU
asc. node	-9791 Aug 29 j 04:13	26°♊35'21	
morning rise	-9791 Sep 03 j 01:37	20°♊50'30	
direct	-9791 Sep 07 j 23:28	18°♊47'40	
morning max el	-9791 Sep 18 j 07:32	25°♊00'05	23°20'17
	-9791 Sep 22 j 18:53	0°♋	
	-9791 Oct 14 j 02:13	0°♌	
desc. node	-9791 Oct 14 j 14:25	0°♌47'25	
morning set	-9791 Oct 22 j 22:12	14°♌12'18	
max. Earth dist.	-9791 Oct 27 j 12:59	22°♌02'53	1.39700 AU
	-9791 Nov 01 j 00:58	0°♍	
superior conj	-9791 Nov 04 j 02:14	5°♍34'18	-1°39'31
minimum elong	-9791 Nov 04 j 00:21	5°♍25'36	1°39'09
evening rise	-9791 Nov 13 j 09:52	23°♍15'58	
	-9791 Nov 16 j 22:42	0°♎	
asc. node	-9791 Nov 25 j 02:43	13°♎53'56	
evening max el	-9791 Nov 29 j 16:46	19°♎28'11	18°32'52
retrograde	-9791 Dec 07 j 10:36	23°♎15'34	
evening set	-9791 Dec 09 j 22:52	22°♎53'01	
inferior conj	-9791 Dec 17 j 12:06	18°♎20'34	4°15'24
minimum elong	-9791 Dec 17 j 12:15	18°♎20'17	4°15'17
min. Earth dist.	-9791 Dec 20 j 18:15	15°♎48'13	0.58884 AU
morning rise	-9791 Dec 24 j 23:48	13°♎04'36	
direct	-9791 Dec 31 j 05:51	11°♎26'16	
desc. node	-9790 Jan 10 j 15:43	15°♎36'47	
morning max el	-9790 Jan 14 j 08:05	18°♎47'03	26°23'20
	-9790 Jan 23 j 19:50	0°♏	
	-9790 Feb 10 j 07:26	0°♐	
morning set	-9790 Feb 12 j 11:52	4°♐30'09	
superior conj	-9790 Feb 19 j 11:45	19°♐34'04	-0°15'09
minimum elong	-9790 Feb 19 j 12:24	19°♐37'39	0°15'35
behind sun begin	-9790 Feb 19 j 11:42	19°♐33'48	
behind sun end	-9790 Feb 19 j 13:07	19°♐41'30	
max. Earth dist.	-9790 Feb 19 j 17:33	20°♐05'47	1.32803 AU
asc. node	-9790 Feb 21 j 00:47	22°♐56'05	
	-9790 Feb 24 j 07:23	0°♑	
evening rise	-9790 Feb 26 j 14:15	4°♑48'32	
	-9790 Mar 12 j 04:23	0°♒	
evening max el	-9790 Mar 28 j 09:43	21°♒11'39	26°38'28
desc. node	-9790 Apr 08 j 15:25	28°♒14'18	
retrograde	-9790 Apr 11 j 12:11	28°♒35'01	
evening set	-9790 Apr 17 j 18:42	26°♒53'01	
min. Earth dist.	-9790 Apr 21 j 22:56	24°♒05'01	0.59858 AU
inferior conj	-9790 Apr 25 j 07:30	21°♒20'43	-3°23'44
minimum elong	-9790 Apr 25 j 04:58	21°♒25'56	3°23'50
morning rise	-9790 May 02 j 17:42	16°♒40'49	
direct	-9790 May 05 j 05:16	16°♒17'35	
morning max el	-9790 May 12 j 13:53	19°♒51'46	18°17'05
asc. node	-9790 May 20 j 00:39	29°♒47'16	
	-9790 May 20 j 03:46	0°♓	
morning set	-9790 May 28 j 16:00	15°♓20'28	
	-9790 Jun 05 j 12:15	0°♈	
superior conj	-9790 Jun 07 j 10:01	3°♈28'26	1°49'29
minimum elong	-9790 Jun 07 j 09:20	3°♈25'21	1°49'28

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9790 Jun 14 j 19:59	16°♈30'45	1.40730 AU
evening rise	-9790 Jun 19 j 22:54	25°♈04'43	
	-9790 Jun 22 j 23:47	0°♉	
desc. node	-9790 Jul 05 j 12:42	19°♉12'10	
	-9790 Jul 13 j 04:19	0°♊	
evening max el	-9790 Jul 24 j 00:18	13°♊08'53	22°54'16
retrograde	-9790 Aug 02 j 22:42	19°♊02'22	
evening set	-9790 Aug 07 j 18:52	17°♊01'02	
inferior conj	-9790 Aug 13 j 00:31	10°♊46'30	-0°58'04
minimum elong	-9790 Aug 13 j 01:44	10°♊42'18	0°57'05
min. Earth dist.	-9790 Aug 12 j 21:56	10°♊55'27	0.67257 AU
asc. node	-9790 Aug 16 j 01:13	6°♊48'44	
morning rise	-9790 Aug 18 j 08:32	4°♊31'00	
direct	-9790 Aug 22 j 16:56	2°♊47'29	
morning max el	-9790 Aug 31 j 21:18	8°♊17'21	21°56'57
	-9790 Sep 17 j 11:43	0°♋	
desc. node	-9790 Oct 01 j 11:16	21°♋15'36	
morning set	-9790 Oct 02 j 22:53	23°♋36'53	
	-9790 Oct 06 j 21:52	0°♌	
max. Earth dist.	-9790 Oct 09 j 14:59	4°♌28'18	1.41631 AU
superior conj	-9790 Oct 17 j 02:42	17°♌15'08	-1°25'00
minimum elong	-9790 Oct 16 j 22:35	16°♌57'06	1°24'13
	-9790 Oct 24 j 05:23	0°♍	
evening rise	-9790 Oct 27 j 17:23	6°♍25'48	
	-9790 Nov 10 j 20:54	0°♎	
asc. node	-9790 Nov 11 j 24:00	1°♎19'48	
evening max el	-9790 Nov 13 j 01:07	2°♎25'58	18°11'01
retrograde	-9790 Nov 20 j 01:27	6°♎00'22	
evening set	-9790 Nov 22 j 14:32	5°♎32'48	
inferior conj	-9790 Nov 29 j 15:07	0°♎38'23	4°05'13
minimum elong	-9790 Nov 29 j 12:38	0°♎44'01	4°04'59
	-9790 Nov 30 j 08:00	30°℞♍	
min. Earth dist.	-9790 Dec 02 j 17:04	27°♍52'04	0.60767 AU
morning rise	-9790 Dec 06 j 09:25	25°♍03'43	
direct	-9790 Dec 13 j 07:15	22°♍50'24	
	-9790 Dec 26 j 23:24	0°♎	
morning max el	-9790 Dec 27 j 07:11	0°♎18'36	27°17'03
desc. node	-9790 Dec 28 j 12:30	1°♎31'24	
	-9789 Jan 17 j 17:29	0°♏	
morning set	-9789 Jan 27 j 20:25	19°♏22'32	
	-9789 Feb 01 j 20:35	0°♐	
superior conj	-9789 Feb 03 j 23:29	4°♐36'52	-0°37'48
minimum elong	-9789 Feb 04 j 01:00	4°♐45'05	0°38'00
max. Earth dist.	-9789 Feb 03 j 06:57	3°♐06'42	1.32799 AU
asc. node	-9789 Feb 07 j 21:56	13°♐10'50	
evening rise	-9789 Feb 11 j 00:05	19°♐45'49	
	-9789 Feb 16 j 01:51	0°♑	
	-9789 Mar 07 j 18:58	0°♒	
evening max el	-9789 Mar 10 j 06:48	2°♒32'31	25°29'52
retrograde	-9789 Mar 24 j 08:27	9°♒43'57	
desc. node	-9789 Mar 26 j 12:37	9°♒32'36	
evening set	-9789 Mar 29 j 15:34	8°♒37'30	
min. Earth dist.	-9789 Apr 03 j 19:47	5°♒42'48	0.57923 AU
inferior conj	-9789 Apr 06 j 23:08	3°♒30'00	-2°39'07
minimum elong	-9789 Apr 06 j 19:03	3°♒37'16	2°38'44
	-9789 Apr 12 j 16:16	30°℞♑	
morning rise	-9789 Apr 15 j 01:44	29°♑09'55	
direct	-9789 Apr 17 j 09:44	28°♑52'49	
	-9789 Apr 21 j 21:14	0°♒	
morning max el	-9789 Apr 25 j 19:57	2°♒52'00	18°52'09
asc. node	-9789 May 06 j 21:31	18°♒48'43	
morning set	-9789 May 12 j 08:08	29°♒08'50	
	-9789 May 12 j 18:37	0°♓	
superior conj	-9789 May 21 j 02:50	16°♓11'30	1°41'51
minimum elong	-9789 May 21 j 00:23	15°♓59'54	1°41'30
max. Earth dist.	-9789 May 27 j 20:46	28°♓38'27	1.38840 AU
	-9789 May 28 j 15:05	0°♈	
evening rise	-9789 May 31 j 22:34	5°♈47'14	
	-9789 Jun 16 j 00:59	0°♉	
desc. node	-9789 Jun 22 j 10:04	9°♉12'29	
evening max el	-9789 Jul 06 j 11:06	26°♉30'19	24°16'02
	-9789 Jul 10 j 09:13	0°♊	
retrograde	-9789 Jul 17 j 13:09	3°♊03'16	
evening set	-9789 Jul 23 j 00:13	0°♊41'32	
	-9789 Jul 23 j 17:57	30°℞♉	
min. Earth dist.	-9789 Jul 27 j 16:52	25°♉11'23	0.67113 AU
inferior conj	-9789 Jul 28 j 06:23	24°♉25'30	-1°44'32
minimum elong	-9789 Jul 28 j 08:26	24°♉18'34	1°43'24
morning rise	-9789 Aug 02 j 16:37	18°♉16'50	
asc. node	-9789 Aug 02 j 22:10	18°♉06'52	
direct	-9789 Aug 06 j 13:19	16°♉51'26	
morning max el	-9789 Aug 14 j 17:02	21°♉40'43	20°40'52
	-9789 Aug 21 j 13:10	0°♊	
	-9789 Sep 10 j 18:44	0°♋	
morning set	-9789 Sep 12 j 03:51	2°♋08'32	
desc. node	-9789 Sep 18 j 08:11	11°♋51'43	
max. Earth dist.	-9789 Sep 21 j 23:14	17°♋40'26	1.43222 AU
superior conj	-9789 Sep 28 j 01:26	27°♋39'30	-0°56'59
minimum elong	-9789 Sep 27 j 20:36	27°♋19'24	0°55'54
	-9789 Sep 29 j 11:04	0°♌	
evening rise	-9789 Oct 10 j 09:49	18°♌50'50	
	-9789 Oct 16 j 19:09	0°♍	
evening max el	-9789 Oct 27 j 13:23	15°♍39'54	18°08'45
asc. node	-9789 Oct 29 j 21:15	17°♍39'44	
retrograde	-9789 Nov 03 j 05:16	19°♍12'04	
evening set	-9789 Nov 05 j 20:41	18°♍37'52	
inferior conj	-9789 Nov 12 j 10:05	13°♍23'08	3°35'29
minimum elong	-9789 Nov 12 j 06:29	13°♍32'21	3°34'57
min. Earth dist.	-9789 Nov 15 j 01:07	10°♍42'12	0.62552 AU
morning rise	-9789 Nov 18 j 15:20	7°♍33'02	
direct	-9789 Nov 25 j 17:17	4°♍56'05	
morning max el	-9789 Dec 09 j 12:21	12°♍29'53	27°36'18
desc. node	-9789 Dec 15 j 09:12	18°♍55'41	
	-9789 Dec 23 j 14:36	0°♎	
	-9788 Jan 10 j 00:24	0°♏	
morning set	-9788 Jan 11 j 23:48	3°♏56'47	
max. Earth dist.	-9788 Jan 17 j 16:44	15°♏51'56	1.33145 AU
superior conj	-9788 Jan 19 j 09:48	19°♏33'00	-0°58'42
minimum elong	-9788 Jan 19 j 11:55	19°♏44'22	0°58'45
	-9788 Jan 24 j 05:50	0°♐	
asc. node	-9788 Jan 25 j 19:07	3°♐18'46	
evening rise	-9788 Jan 26 j 11:19	4°♐44'06	
	-9788 Feb 09 j 04:38	0°♑	
evening max el	-9788 Feb 20 j 00:01	13°♑27'14	24°02'02
retrograde	-9788 Mar 04 j 16:57	20°♑15'10	
evening set	-9788 Mar 08 j 20:10	19°♑37'09	
desc. node	-9788 Mar 12 j 09:44	18°♑09'30	
min. Earth dist.	-9788 Mar 15 j 12:53	16°♑23'17	0.56366 AU
inferior conj	-9788 Mar 17 j 18:50	14°♑59'38	-1°21'53
minimum elong	-9788 Mar 17 j 15:41	15°♑04'31	1°21'31
morning rise	-9788 Mar 26 j 14:11	10°♑54'13	
direct	-9788 Mar 28 j 19:40	10°♑41'06	
morning max el	-9788 Apr 07 j 17:46	15°♑20'46	19°47'01
	-9788 Apr 18 j 07:57	0°♒	
asc. node	-9788 Apr 22 j 18:23	8°♒16'56	
morning set	-9788 Apr 25 j 08:58	13°♒27'07	
superior conj	-9788 May 03 j 10:51	29°♒42'51	1°27'03
minimum elong	-9788 May 03 j 07:52	29°♒28'07	1°26'22

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9788 May 03 j 14:18	0°♓		
max. Earth dist.	-9788 May 08 j 22:42	10°♓20'51	1.37037 AU	
evening rise	-9788 May 12 j 23:25	17°♓46'48		
	-9788 May 20 j 00:22	0°♈		
desc. node	-9788 Jun 08 j 07:29	28°♈46'57		
	-9788 Jun 09 j 06:08	0°♉		
evening max el	-9788 Jun 17 j 20:46	9°♉53'33	25°32'27	
retrograde	-9788 Jun 29 j 23:33	16°♉57'32		
evening set	-9788 Jul 06 j 01:05	14°♉19'23		
min. Earth dist.	-9788 Jul 10 j 08:32	9°♉27'23	0.66629 AU	
inferior conj	-9788 Jul 11 j 10:02	8°♉04'21	-2°26'03	
minimum elong	-9788 Jul 11 j 12:35	7°♉56'00	2°24'59	
morning rise	-9788 Jul 17 j 00:08	2°♉05'41		
asc. node	-9788 Jul 19 j 19:03	0°♉58'40		
direct	-9788 Jul 20 j 11:12	0°♉56'05		
morning max el	-9788 Jul 27 j 19:22	5°♉10'47	19°36'51	
	-9788 Aug 14 j 11:21	0°♊		
morning set	-9788 Aug 21 j 07:51	10°♊40'38		
	-9788 Sep 02 j 14:49	0°♋		
max. Earth dist.	-9788 Sep 03 j 12:46	1°♋27'06	1.44261 AU	
desc. node	-9788 Sep 04 j 05:12	2°♋32'21		
superior conj	-9788 Sep 06 j 20:43	6°♋45'49	-0°16'04	
minimum elong	-9788 Sep 06 j 18:54	6°♋38'32	0°15'15	
behind sun begin	-9788 Sep 06 j 14:53	6°♋22'29		
behind sun end	-9788 Sep 06 j 22:55	6°♋54'36		
evening rise	-9788 Sep 21 j 05:58	0°♌18'50		
	-9788 Sep 21 j 01:27	0°♌		
evening max el	-9788 Oct 10 j 02:46	29°♌03'58	18°25'02	
	-9788 Oct 11 j 01:58	0°♍		
asc. node	-9788 Oct 15 j 18:28	2°♍37'43		
retrograde	-9788 Oct 16 j 17:51	2°♍42'52		
evening set	-9788 Oct 19 j 13:43	1°♍59'38		
	-9788 Oct 22 j 08:25	30°℞♌		
inferior conj	-9788 Oct 25 j 17:28	26°♌27'16	2°53'53	
minimum elong	-9788 Oct 25 j 13:55	26°♌37'18	2°53'14	
min. Earth dist.	-9788 Oct 27 j 19:19	24°♌05'57	0.64094 AU	
morning rise	-9788 Oct 31 j 13:29	20°♌24'57		
direct	-9788 Nov 07 j 10:42	17°♌38'35		
morning max el	-9788 Nov 20 j 21:11	25°♌13'09	27°21'08	
	-9788 Nov 25 j 08:11	0°♍		
desc. node	-9788 Dec 01 j 05:52	7°♍23'40		
	-9788 Dec 15 j 23:58	0°♎		
morning set	-9788 Dec 25 j 19:22	18°♎03'43		
max. Earth dist.	-9788 Dec 30 j 19:09	28°♎09'49	1.33882 AU	
	-9788 Dec 31 j 16:17	0°♏		
superior conj	-9787 Jan 02 j 16:55	4°♏16'14	-1°16'56	
minimum elong	-9787 Jan 02 j 19:15	4°♏28'35	1°16'55	
evening rise	-9787 Jan 09 j 22:18	19°♏37'36		
asc. node	-9787 Jan 11 j 16:21	23°♏15'09		
	-9787 Jan 15 j 01:55	0°♐		
evening max el	-9787 Jan 31 j 18:27	24°♐19'42	22°28'12	
	-9787 Feb 10 j 00:55	0°♑		
retrograde	-9787 Feb 13 j 13:16	0°♑28'11		
evening set	-9787 Feb 16 j 17:39	0°♑05'59		
	-9787 Feb 17 j 03:33	30°℞♐		
min. Earth dist.	-9787 Feb 25 j 04:17	26°♐20'53	0.55502 AU	
inferior conj	-9787 Feb 25 j 22:03	25°♐55'24	0°21'29	
minimum elong	-9787 Feb 25 j 22:58	25°♐54'04	0°20'36	
desc. node	-9787 Feb 27 j 06:46	25°♐08'47		
morning rise	-9787 Mar 07 j 05:26	21°♐52'49		
direct	-9787 Mar 09 j 14:49	21°♐39'30		
morning max el	-9787 Mar 21 j 04:57	27°♐10'19	21°00'55	
	-9787 Mar 23 j 21:42	0°♑		
morning set	-9787 Apr 09 j 15:47	28°♑07'43		
asc. node	-9787 Apr 09 j 15:18	28°♑05'16		
	-9787 Apr 10 j 13:37	0°♒		
superior conj	-9787 Apr 17 j 05:45	13°♒50'08	1°07'41	
minimum elong	-9787 Apr 17 j 03:04	13°♒36'22	1°06'48	
max. Earth dist.	-9787 Apr 21 j 08:26	22°♒08'28	1.35504 AU	
	-9787 Apr 25 j 09:42	0°♓		
evening rise	-9787 Apr 25 j 19:56	0°♓48'18		
	-9787 May 13 j 01:53	0°♈		
desc. node	-9787 May 26 j 04:53	17°♈44'49		
evening max el	-9787 May 31 j 07:18	23°♈16'32	26°34'48	
	-9787 Jun 09 j 18:17	0°♉		
retrograde	-9787 Jun 13 j 05:07	0°♉39'09		
	-9787 Jun 16 j 10:48	30°℞♈		
evening set	-9787 Jun 19 j 19:07	27°♈52'05		
min. Earth dist.	-9787 Jun 23 j 18:40	23°♈39'10	0.65777 AU	
inferior conj	-9787 Jun 25 j 09:28	21°♈40'32	-3°00'51	
minimum elong	-9787 Jun 25 j 12:05	21°♈32'31	3°00'06	
morning rise	-9787 Jul 01 j 05:14	15°♈54'51		
direct	-9787 Jul 04 j 08:43	14°♈58'40		
asc. node	-9787 Jul 06 j 15:54	15°♈27'33		
morning max el	-9787 Jul 11 j 03:32	18°♈46'35	18°47'54	
	-9787 Jul 19 j 14:45	0°♉		
morning set	-9787 Aug 01 j 05:42	20°♉04'00		
	-9787 Aug 07 j 10:27	0°♊		
superior conj	-9787 Aug 16 j 21:52	15°♊02'16	0°30'59	
minimum elong	-9787 Aug 17 j 01:42	15°♊17'27	0°31'04	
max. Earth dist.	-9787 Aug 17 j 05:26	15°♊32'12	1.44628 AU	
desc. node	-9787 Aug 22 j 02:17	23°♊14'04		
	-9787 Aug 26 j 08:46	0°♋		
evening rise	-9787 Sep 02 j 00:40	10°♋36'52		
	-9787 Sep 14 j 06:15	0°♌		
evening max el	-9787 Sep 23 j 14:27	12°♌32'19	18°58'44	
retrograde	-9787 Sep 30 j 11:43	16°♌26'26		
asc. node	-9787 Oct 02 j 15:39	15°♌59'36		
evening set	-9787 Oct 03 j 14:18	15°♌31'11		
inferior conj	-9787 Oct 09 j 10:02	9°♌44'04	2°05'34	
minimum elong	-9787 Oct 09 j 07:15	9°♌52'37	2°05'06	
min. Earth dist.	-9787 Oct 10 j 22:46	7°♌50'57	0.65334 AU	
morning rise	-9787 Oct 14 j 23:47	3°♌32'43		
direct	-9787 Oct 21 j 10:22	0°♌49'40		
morning max el	-9787 Nov 03 j 07:08	8°♌15'58	26°36'15	
desc. node	-9787 Nov 18 j 02:33	26°♌36'03		
	-9787 Nov 20 j 10:30	0°♍		
	-9787 Dec 08 j 08:11	0°♎		
morning set	-9787 Dec 09 j 03:29	1°♎30'54		
max. Earth dist.	-9787 Dec 13 j 11:12	9°♎54'05	1.35050 AU	
superior conj	-9787 Dec 17 j 18:34	18°♎38'10	-1°31'25	
minimum elong	-9787 Dec 17 j 20:36	18°♎48'42	1°31'22	
	-9787 Dec 23 j 05:21	0°♏		
evening rise	-9787 Dec 25 j 07:18	4°♏19'30		
asc. node	-9787 Dec 29 j 13:37	12°♏53'39		
	-9786 Jan 08 j 21:51	0°♐		
evening max el	-9786 Jan 13 j 19:15	5°♐31'05	21°00'44	
retrograde	-9786 Jan 25 j 03:07	10°♐51'08		
evening set	-9786 Jan 27 j 19:47	10°♐34'12		
inferior conj	-9786 Feb 05 j 18:53	6°♐35'39	2°07'30	
minimum elong	-9786 Feb 05 j 23:53	6°♐28'27	2°05'32	
min. Earth dist.	-9786 Feb 06 j 18:23	6°♐01'51	0.55505 AU	
desc. node	-9786 Feb 14 j 03:42	2°♐35'41		
morning rise	-9786 Feb 15 j 03:00	2°♐20'49		
direct	-9786 Feb 18 j 05:20	1°♐59'43		
morning max el	-9786 Mar 03 j 05:03	8°♐19'37	22°30'37	
	-9786 Mar 18 j 11:43	0°♑		
morning set	-9786 Mar 25 j 02:20	13°♑03'32		
asc. node	-9786 Mar 27 j 12:18	18°♑07'58		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9786 Apr 01 j 08:16	28°♉23'16	0°45'35
minimum elong	-9786 Apr 01 j 06:21	28°♉13'09	0°44'42
	-9786 Apr 02 j 02:38	0°♒	
max. Earth dist.	-9786 Apr 04 j 04:39	4°♒20'47	1.34310 AU
evening rise	-9786 Apr 09 j 06:44	14°♒35'33	
	-9786 Apr 17 j 14:43	0°♓	
	-9786 May 07 j 19:40	0°♈	
desc. node	-9786 May 13 j 02:16	5°♈50'50	
evening max el	-9786 May 13 j 18:22	6°♈30'41	27°14'53
retrograde	-9786 May 27 j 05:15	14°♈01'09	
evening set	-9786 Jun 03 j 03:36	11°♈15'54	
min. Earth dist.	-9786 Jun 06 j 21:08	7°♈39'43	0.64535 AU
inferior conj	-9786 Jun 09 j 02:24	5°♈10'22	-3°26'37
minimum elong	-9786 Jun 09 j 04:28	5°♈04'34	3°26'21
	-9786 Jun 14 j 15:53	30°℞♓	
morning rise	-9786 Jun 15 j 05:49	29°♓40'38	
direct	-9786 Jun 18 j 03:34	28°♓55'39	
	-9786 Jun 21 j 15:51	0°♈	
asc. node	-9786 Jun 23 j 12:45	1°♈22'25	
morning max el	-9786 Jun 24 j 15:47	2°♈25'46	18°15'47
	-9786 Jul 12 j 19:45	0°♉	
morning set	-9786 Jul 13 j 05:05	0°♉39'09	
superior conj	-9786 Jul 27 j 02:15	23°♉30'13	1°12'10
minimum elong	-9786 Jul 27 j 08:49	23°♉56'38	1°11'56
max. Earth dist.	-9786 Jul 30 j 22:15	29°♉38'07	1.44283 AU
	-9786 Jul 31 j 03:45	0°♊	
desc. node	-9786 Aug 08 j 23:30	13°♊54'00	
evening rise	-9786 Aug 12 j 17:16	19°♊44'04	
	-9786 Aug 19 j 08:16	0°♋	
greatest brilliancy	-9786 Aug 24 j 20:59	8°♋26'39	-0.7m
evening max el	-9786 Sep 06 j 21:51	26°♋00'52	19°48'31
	-9786 Sep 12 j 11:12	0°♌	
retrograde	-9786 Sep 14 j 08:08	0°♌19'04	
	-9786 Sep 16 j 03:46	30°℞♋	
evening set	-9786 Sep 17 j 19:43	29°♋08'34	
asc. node	-9786 Sep 19 j 12:47	27°♋43'40	
inferior conj	-9786 Sep 23 j 09:09	23°♋09'45	1°14'03
minimum elong	-9786 Sep 23 j 07:28	23°♋15'17	1°13'57
min. Earth dist.	-9786 Sep 24 j 09:51	21°♋48'55	0.66255 AU
morning rise	-9786 Sep 28 j 18:57	16°♋52'37	
direct	-9786 Oct 04 j 15:42	14°♋21'53	
morning max el	-9786 Oct 16 j 16:50	21°♋28'27	25°29'14
	-9786 Oct 24 j 04:11	0°♌	
desc. node	-9786 Nov 04 j 23:18	16°♌20'04	
	-9786 Nov 13 j 15:48	0°♍	
morning set	-9786 Nov 21 j 19:34	14°♍05'19	
max. Earth dist.	-9786 Nov 25 j 16:43	21°♍15'06	1.36642 AU
	-9786 Nov 30 j 05:37	0°♎	
superior conj	-9786 Dec 01 j 11:59	2°♎30'20	-1°40'38
minimum elong	-9786 Dec 01 j 13:05	2°♎35'47	1°40'33
evening rise	-9786 Dec 09 j 12:29	18°♎44'18	
	-9786 Dec 15 j 06:54	0°♏	
asc. node	-9786 Dec 16 j 10:56	2°♏07'32	
evening max el	-9786 Dec 27 j 05:36	17°♏14'01	19°48'04
retrograde	-9785 Jan 05 j 23:09	21°♏49'07	
evening set	-9785 Jan 08 j 11:58	21°♏31'52	
inferior conj	-9785 Jan 16 j 22:54	17°♏27'44	3°27'38
minimum elong	-9785 Jan 17 j 04:09	17°♏19'27	3°26'14
min. Earth dist.	-9785 Jan 19 j 07:52	15°♏58'20	0.56354 AU
morning rise	-9785 Jan 25 j 18:17	12°♏49'10	
direct	-9785 Jan 30 j 01:50	12°♏07'38	
desc. node	-9785 Feb 01 j 00:36	12°♏16'19	
morning max el	-9785 Feb 12 j 21:29	19°♏02'53	24°07'57
	-9785 Feb 21 j 23:34	0°♐	
morning set	-9785 Mar 09 j 14:39	28°♐07'23	

	-9785 Mar 10 j 12:02	0°♉	
asc. node	-9785 Mar 14 j 09:20	8°♉19'49	
superior conj	-9785 Mar 16 j 15:50	13°♉13'47	0°22'09
minimum elong	-9785 Mar 16 j 14:54	13°♉08'46	0°21'23
max. Earth dist.	-9785 Mar 18 j 09:55	16°♉59'24	1.33462 AU
evening rise	-9785 Mar 24 j 03:35	28°♉54'55	
	-9785 Mar 24 j 16:34	0°♒	
	-9785 Apr 10 j 18:46	0°♓	
evening max el	-9785 Apr 26 j 03:55	19°♓23'02	27°26'11
desc. node	-9785 Apr 29 j 23:37	22°♓43'05	
retrograde	-9785 May 09 j 23:20	26°♓54'39	
evening set	-9785 May 16 j 23:13	24°♓24'15	
min. Earth dist.	-9785 May 20 j 14:28	21°♓17'25	0.62918 AU
inferior conj	-9785 May 23 j 09:58	18°♓27'43	-3°40'03
minimum elong	-9785 May 23 j 10:44	18°♓25'47	3°40'12
morning rise	-9785 May 29 j 23:20	13°♓16'24	
direct	-9785 Jun 01 j 16:37	12°♓40'58	
morning max el	-9785 Jun 08 j 05:51	16°♓03'23	18°01'32
asc. node	-9785 Jun 10 j 09:36	18°♓27'01	
	-9785 Jun 18 j 01:56	0°♈	
morning set	-9785 Jun 25 j 04:25	12°♈21'45	
	-9785 Jul 05 j 09:00	0°♉	
superior conj	-9785 Jul 07 j 04:37	3°♉03'20	1°38'41
minimum elong	-9785 Jul 07 j 09:08	3°♉22'14	1°38'39
max. Earth dist.	-9785 Jul 13 j 11:39	13°♉24'38	1.43275 AU
evening rise	-9785 Jul 22 j 18:31	28°♉08'41	
	-9785 Jul 23 j 23:11	0°♊	
desc. node	-9785 Jul 26 j 20:47	4°♊28'22	
	-9785 Aug 13 j 05:32	0°♋	
evening max el	-9785 Aug 20 j 22:59	9°♋26'07	20°52'37
retrograde	-9785 Aug 29 j 04:53	14°♋17'10	
evening set	-9785 Sep 02 j 03:38	12°♋48'28	
asc. node	-9785 Sep 06 j 09:52	8°♋10'58	
inferior conj	-9785 Sep 07 j 12:33	6°♋41'07	0°21'42
minimum elong	-9785 Sep 07 j 12:03	6°♋42'49	0°22'03
min. Earth dist.	-9785 Sep 08 j 02:18	5°♋54'18	0.66868 AU
morning rise	-9785 Sep 12 j 20:18	0°♋21'38	
	-9785 Sep 13 j 06:46	30°℞♊	
direct	-9785 Sep 18 j 02:16	28°♊08'09	
	-9785 Sep 23 j 11:57	0°♋	
morning max el	-9785 Sep 29 j 02:30	4°♋43'28	24°08'57
	-9785 Oct 18 j 13:52	0°♌	
desc. node	-9785 Oct 22 j 20:06	6°♌26'21	
morning set	-9785 Nov 03 j 14:08	25°♌32'43	
	-9785 Nov 06 j 03:42	0°♍	
max. Earth dist.	-9785 Nov 07 j 15:32	2°♍38'40	1.38539 AU
superior conj	-9785 Nov 14 j 17:31	15°♍42'24	-1°42'37
minimum elong	-9785 Nov 14 j 16:54	15°♍39'30	1°42'24
	-9785 Nov 22 j 01:51	0°♎	
evening rise	-9785 Nov 23 j 11:38	2°♎46'03	
asc. node	-9785 Dec 03 j 08:13	20°♎48'36	
evening max el	-9785 Dec 10 j 02:02	29°♎31'11	18°54'31
	-9785 Dec 10 j 14:26	0°♏	
retrograde	-9785 Dec 18 j 10:50	3°♏32'25	
evening set	-9785 Dec 20 j 22:48	3°♏12'23	
	-9785 Dec 27 j 05:25	30°℞♎	
inferior conj	-9785 Dec 28 j 19:50	28°♎51'51	4°08'33
minimum elong	-9785 Dec 28 j 22:01	28°♎47'53	4°08'10
min. Earth dist.	-9785 Dec 31 j 22:49	26°♎37'12	0.57843 AU
morning rise	-9784 Jan 05 j 19:06	23°♎47'59	
direct	-9784 Jan 11 j 10:09	22°♎32'12	
desc. node	-9784 Jan 18 j 21:27	24°♎41'53	
morning max el	-9784 Jan 25 j 12:42	29°♎47'27	25°39'23
	-9784 Jan 25 j 17:55	0°♏	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9784 Feb	15 j	11:56	0°♐		morning max el	-9783 Jan	06 j	08:03	10°♎57'12	26°50'04
morning set	-9784 Feb	22 j	02:59	13°♐12'55			-9783 Jan	21 j	04:35	0°♏	
						morning set	-9783 Feb	05 j	13:26	28°♏11'55	
superior conj	-9784 Feb	29 j	02:27	28°♐14'57	-0°01'39		-9783 Feb	06 j	10:05	0°♐	
minimum elong	-9784 Feb	29 j	02:32	28°♐15'26	0°02'11						
behind sun begin	-9784 Feb	28 j	21:33	27°♐48'17		superior conj	-9783 Feb	12 j	14:15	13°♐18'52	-0°24'55
behind sun end	-9784 Feb	29 j	07:32	28°♐42'35		minimum elong	-9783 Feb	12 j	15:17	13°♐24'33	0°25'14
asc. node	-9784 Feb	29 j	06:26	28°♐36'39		max. Earth dist.	-9783 Feb	12 j	10:36	12°♐58'58	1.32757 AU
	-9784 Feb	29 j	21:46	0°♑		asc. node	-9783 Feb	15 j	03:33	18°♐53'10	
max. Earth dist.	-9784 Feb	29 j	21:08	29°♐56'35	1.32946 AU	evening rise	-9783 Feb	19 j	15:34	28°♐29'41	
evening rise	-9784 Mar	07 j	07:23	13°♑36'15			-9783 Feb	20 j	08:58	0°♑	
	-9784 Mar	15 j	19:25	0°♒			-9783 Mar	09 j	08:21	0°♒	
	-9784 Apr	05 j	16:30	0°♓		evening max el	-9783 Mar	20 j	09:58	13°♒25'02	26°12'21
evening max el	-9784 Apr	07 j	09:38	1°♓43'10	27°05'06	desc. node	-9783 Apr	02 j	18:07	20°♒43'19	
desc. node	-9784 Apr	15 j	20:53	7°♓52'28		retrograde	-9783 Apr	03 j	13:12	20°♒44'53	
retrograde	-9784 Apr	21 j	10:36	9°♓11'36		evening set	-9783 Apr	09 j	10:31	19°♒18'25	
evening set	-9784 Apr	28 j	02:28	7°♓09'08		min. Earth dist.	-9783 Apr	13 j	23:16	16°♒28'57	0.59009 AU
min. Earth dist.	-9784 May	01 j	22:43	4°♓18'39	0.61013 AU	inferior conj	-9783 Apr	17 j	07:19	13°♒55'19	-3°08'41
inferior conj	-9784 May	05 j	04:50	1°♓25'50	-3°36'17	minimum elong	-9783 Apr	17 j	03:57	14°♒01'51	3°08'34
minimum elong	-9784 May	05 j	03:35	1°♓28'38	3°36'32	morning rise	-9783 Apr	25 j	00:17	9°♒24'05	
	-9784 May	06 j	20:18	30°♑℞♒		direct	-9783 Apr	27 j	10:08	9°♒03'47	
morning rise	-9784 May	12 j	06:42	26°♒34'31		morning max el	-9783 May	05 j	04:34	12°♒47'07	18°29'31
direct	-9784 May	14 j	20:12	26°♒07'18		asc. node	-9783 May	14 j	03:19	25°♒08'34	
morning max el	-9784 May	21 j	19:04	29°♒33'32	18°05'52		-9783 May	16 j	20:48	0°♓	
	-9784 May	22 j	05:45	0°♓		morning set	-9783 May	21 j	08:46	8°♓28'03	
asc. node	-9784 May	27 j	06:28	6°♓26'48							
morning set	-9784 Jun	06 j	23:14	25°♓01'50		superior conj	-9783 May	30 j	15:58	26°♓05'56	1°47'19
	-9784 Jun	09 j	16:06	0°♈		minimum elong	-9783 May	30 j	14:22	25°♓58'30	1°47'10
							-9783 Jun	01 j	19:03	0°♈	
superior conj	-9784 Jun	17 j	10:23	13°♈58'23	1°49'22	max. Earth dist.	-9783 Jun	06 j	21:06	9°♈02'36	1.39931 AU
minimum elong	-9784 Jun	17 j	11:22	14°♈02'42	1°49'26	evening rise	-9783 Jun	11 j	10:08	16°♈47'28	
max. Earth dist.	-9784 Jun	24 j	19:03	26°♈34'45	1.41754 AU		-9783 Jun	19 j	14:17	0°♉	
	-9784 Jun	26 j	20:37	0°♉		desc. node	-9783 Jun	29 j	15:25	15°♉04'20	
evening rise	-9784 Jul	01 j	02:24	6°♉52'46			-9783 Jul	10 j	18:36	0°♊	
desc. node	-9784 Jul	12 j	18:05	24°♉53'23		evening max el	-9783 Jul	16 j	06:07	6°♊08'56	23°29'17
	-9784 Jul	16 j	05:10	0°♊		retrograde	-9783 Jul	26 j	16:38	12°♊20'04	
evening max el	-9784 Aug	02 j	17:15	22°♊47'52	22°07'53	evening set	-9783 Jul	31 j	18:59	10°♊10'05	
retrograde	-9784 Aug	12 j	00:11	28°♊18'20		min. Earth dist.	-9783 Aug	05 j	17:32	4°♊18'54	0.67229 AU
evening set	-9784 Aug	16 j	12:01	26°♊29'17		inferior conj	-9783 Aug	06 j	00:36	3°♊54'36	-1°18'19
inferior conj	-9784 Aug	21 j	18:17	20°♊16'27	-0°29'37	minimum elong	-9783 Aug	06 j	02:12	3°♊49'06	1°17'13
minimum elong	-9784 Aug	21 j	18:55	20°♊14'16	0°28'50		-9783 Aug	09 j	00:46	30°℞♉	
min. Earth dist.	-9784 Aug	21 j	21:42	20°♊04'39	0.67194 AU	asc. node	-9783 Aug	10 j	03:54	28°♉46'43	
asc. node	-9784 Aug	23 j	06:55	18°♊11'21		morning rise	-9783 Aug	11 j	09:19	27°♉41'20	
morning rise	-9784 Aug	27 j	01:42	13°♊58'15		direct	-9783 Aug	15 j	12:32	26°♉05'35	
direct	-9784 Aug	31 j	17:32	12°♊03'47			-9783 Aug	22 j	22:07	0°♊	
morning max el	-9784 Sep	10 j	13:55	17°♊58'59	22°44'18	morning max el	-9783 Aug	24 j	05:53	1°♊17'57	21°23'19
	-9784 Sep	20 j	11:22	0°♋			-9783 Sep	14 j	08:45	0°♋	
desc. node	-9784 Oct	08 j	16:55	26°♋47'52		morning set	-9783 Sep	23 j	20:53	14°♋38'11	
	-9784 Oct	10 j	17:32	0°♌		desc. node	-9783 Sep	25 j	13:47	17°♋19'47	
morning set	-9784 Oct	14 j	06:17	5°♌41'30		max. Earth dist.	-9783 Oct	01 j	18:15	27°♋18'06	1.42358 AU
max. Earth dist.	-9784 Oct	19 j	14:06	14°♌33'42	1.40536 AU		-9783 Oct	03 j	09:33	0°♌	
superior conj	-9784 Oct	27 j	06:13	28°♌00'38	-1°34'54	superior conj	-9783 Oct	08 j	20:23	9°♌10'38	-1°14'50
minimum elong	-9784 Oct	27 j	03:20	27°♌47'37	1°34'22	minimum elong	-9783 Oct	08 j	15:38	8°♌50'19	1°13'54
	-9784 Oct	28 j	08:32	0°♍		evening rise	-9783 Oct	20 j	03:30	29°♌08'44	
evening rise	-9784 Nov	06 j	01:51	16°♍16'56			-9783 Oct	20 j	14:51	0°♍	
	-9784 Nov	13 j	13:10	0°♎		evening max el	-9783 Nov	05 j	17:17	25°♍22'29	18°07'48
asc. node	-9784 Nov	19 j	05:31	8°♎45'41		asc. node	-9783 Nov	06 j	02:46	25°♍45'37	
evening max el	-9784 Nov	22 j	06:49	12°♎16'30	18°21'12	retrograde	-9783 Nov	12 j	12:51	28°♍54'21	
retrograde	-9784 Nov	29 j	16:10	15°♎56'59		evening set	-9783 Nov	15 j	02:49	28°♍24'08	
evening set	-9784 Dec	02 j	04:32	15°♎32'36		inferior conj	-9783 Nov	21 j	22:28	23°♍21'04	3°54'28
inferior conj	-9784 Dec	09 j	12:15	10°♎51'07	4°14'05	minimum elong	-9783 Nov	21 j	19:20	23°♍28'34	3°54'06
minimum elong	-9784 Dec	09 j	11:06	10°♎53'32	4°13'59	min. Earth dist.	-9783 Nov	24 j	20:25	20°♍34'50	0.61550 AU
min. Earth dist.	-9784 Dec	12 j	17:59	8°♎09'52	0.59676 AU	morning rise	-9783 Nov	28 j	10:43	17°♍39'44	
morning rise	-9784 Dec	16 j	16:00	5°♎26'32		direct	-9783 Dec	05 j	11:51	15°♍14'25	
direct	-9784 Dec	23 j	06:16	3°♎32'01		morning max el	-9783 Dec	19 j	09:41	22°♍45'07	27°29'29
desc. node	-9783 Jan	04 j	18:13	9°♎29'59		desc. node	-9783 Dec	22 j	14:58	26°♍06'12	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9783 Dec 25 j 22:28	0°♎	
	-9782 Jan 14 j 05:07	0°♏	
morning set	-9782 Jan 20 j 20:02	12°♏57'16	
max. Earth dist.	-9782 Jan 26 j 22:49	25°♏54'14	1.32906 AU
superior conj	-9782 Jan 28 j 01:35	28°♏19'34	-0°46'54
minimum elong	-9782 Jan 28 j 03:23	28°♏29'20	0°47'03
	-9782 Jan 28 j 20:03	0°♐	
asc. node	-9782 Feb 02 j 00:41	9°♐05'23	
evening rise	-9782 Feb 04 j 02:12	13°♐28'10	
	-9782 Feb 12 j 12:51	0°♑	
evening max el	-9782 Mar 02 j 05:12	24°♑33'07	24°54'07
	-9782 Mar 09 j 17:16	0°♒	
retrograde	-9782 Mar 16 j 04:29	1°♒35'33	
evening set	-9782 Mar 20 j 23:36	0°♒42'52	
desc. node	-9782 Mar 20 j 15:17	0°♒50'05	
	-9782 Mar 22 j 16:53	30°℞♑	
min. Earth dist.	-9782 Mar 26 j 18:22	27°♑41'16	0.57201 AU
inferior conj	-9782 Mar 29 j 14:28	25°♑48'00	-2°10'22
minimum elong	-9782 Mar 29 j 10:22	25°♑54'52	2°09'50
morning rise	-9782 Apr 07 j 00:18	21°♑34'40	
direct	-9782 Apr 09 j 06:57	21°♑19'32	
morning max el	-9782 Apr 18 j 07:21	25°♑34'28	19°12'59
	-9782 Apr 22 j 05:12	0°♒	
asc. node	-9782 May 01 j 00:10	14°♒22'09	
morning set	-9782 May 05 j 04:58	22°♒30'02	
	-9782 May 08 j 23:38	0°♓	
superior conj	-9782 May 13 j 15:48	9°♓10'39	1°36'16
minimum elong	-9782 May 13 j 13:00	8°♓57'07	1°35'46
max. Earth dist.	-9782 May 19 j 21:48	20°♓57'11	1.38056 AU
evening rise	-9782 May 23 j 21:07	28°♓04'14	
	-9782 May 24 j 23:38	0°♈	
	-9782 Jun 13 j 00:05	0°♉	
desc. node	-9782 Jun 16 j 12:49	4°♉54'34	
evening max el	-9782 Jun 28 j 16:16	19°♉31'34	24°49'49
retrograde	-9782 Jul 10 j 05:16	26°♉18'22	
evening set	-9782 Jul 15 j 22:38	23°♉49'10	
min. Earth dist.	-9782 Jul 20 j 11:20	18°♉34'57	0.66952 AU
inferior conj	-9782 Jul 21 j 05:43	17°♉33'32	-2°02'53
minimum elong	-9782 Jul 21 j 08:02	17°♉25'49	2°01'44
morning rise	-9782 Jul 26 j 17:23	11°♉28'42	
asc. node	-9782 Jul 28 j 00:49	10°♉42'33	
direct	-9782 Jul 30 j 09:50	10°♉10'06	
morning max el	-9782 Aug 07 j 04:19	14°♉43'25	20°11'56
	-9782 Aug 18 j 19:34	0°♊	
morning set	-9782 Sep 02 j 22:40	23°♊01'58	
	-9782 Sep 07 j 09:47	0°♋	
desc. node	-9782 Sep 12 j 10:43	7°♋57'49	
max. Earth dist.	-9782 Sep 14 j 05:19	10°♋47'51	1.43745 AU
superior conj	-9782 Sep 19 j 07:08	19°♋00'23	-0°40'58
minimum elong	-9782 Sep 19 j 03:03	18°♋43'43	0°39'55
	-9782 Sep 25 j 22:21	0°♌	
evening rise	-9782 Oct 02 j 11:54	11°♌10'28	
	-9782 Oct 13 j 17:02	0°♍	
evening max el	-9782 Oct 20 j 06:23	8°♍41'01	18°13'30
asc. node	-9782 Oct 24 j 00:01	11°♍32'22	
retrograde	-9782 Oct 26 j 20:51	12°♍14'44	
evening set	-9782 Oct 29 j 14:01	11°♍36'50	
inferior conj	-9782 Nov 04 j 23:05	6°♍14'03	3°18'54
minimum elong	-9782 Nov 04 j 19:24	6°♍23'56	3°18'18
min. Earth dist.	-9782 Nov 07 j 08:30	3°♍40'26	0.63246 AU
morning rise	-9782 Nov 11 j 00:01	0°♍18'38	
	-9782 Nov 11 j 10:00	30°℞♌	
direct	-9782 Nov 18 j 00:56	27°♌36'13	
	-9782 Nov 25 j 06:58	0°♍	

morning max el	-9782 Dec 01 j 16:36	5°♍10'11	27°33'55
desc. node	-9782 Dec 09 j 11:39	13°♍59'34	
	-9782 Dec 20 j 15:09	0°♎	
morning set	-9781 Jan 04 j 20:28	27°♎20'33	
	-9781 Jan 06 j 04:04	0°♏	
max. Earth dist.	-9781 Jan 10 j 06:01	8°♏29'12	1.33411 AU
superior conj	-9781 Jan 12 j 10:46	13°♏10'37	-1°06'48
minimum elong	-9781 Jan 12 j 13:01	13°♏22'43	1°06'50
evening rise	-9781 Jan 19 j 13:32	28°♏25'05	
asc. node	-9781 Jan 19 j 21:54	29°♏08'53	
	-9781 Jan 20 j 07:42	0°♐	
	-9781 Feb 06 j 23:49	0°♑	
evening max el	-9781 Feb 11 j 22:18	5°♑23'56	23°22'03
retrograde	-9781 Feb 25 j 07:09	11°♑56'26	
evening set	-9781 Feb 28 j 23:50	11°♑26'31	
desc. node	-9781 Mar 07 j 12:22	8°♑33'13	
min. Earth dist.	-9781 Mar 08 j 10:20	8°♑01'21	0.55905 AU
inferior conj	-9781 Mar 10 j 02:22	7°♑01'55	-0°40'13
minimum elong	-9781 Mar 10 j 00:40	7°♑04'27	0°40'16
morning rise	-9781 Mar 19 j 03:49	2°♑59'39	
direct	-9781 Mar 21 j 10:01	2°♑46'59	
morning max el	-9781 Apr 01 j 00:48	7°♑47'07	20°16'14
	-9781 Apr 15 j 20:17	0°♒	
asc. node	-9781 Apr 17 j 21:03	4°♒00'01	
morning set	-9781 Apr 19 j 08:43	6°♒59'28	
superior conj	-9781 Apr 27 j 04:57	22°♒59'10	1°19'17
minimum elong	-9781 Apr 27 j 02:02	22°♒44'26	1°18'29
	-9781 Apr 30 j 17:45	0°♓	
max. Earth dist.	-9781 May 02 j 02:56	2°♓40'55	1.36349 AU
evening rise	-9781 May 06 j 07:05	10°♓32'32	
	-9781 May 17 j 14:07	0°♈	
desc. node	-9781 Jun 03 j 10:15	24°♈15'21	
	-9781 Jun 08 j 07:03	0°♉	
evening max el	-9781 Jun 11 j 02:15	2°♉55'48	26°01'06
retrograde	-9781 Jun 23 j 13:32	10°♉08'38	
evening set	-9781 Jun 29 j 20:54	7°♉25'25	
min. Earth dist.	-9781 Jul 04 j 00:49	2°♉50'21	0.66322 AU
inferior conj	-9781 Jul 05 j 07:50	1°♉11'47	-2°41'45
minimum elong	-9781 Jul 05 j 10:29	1°♉03'22	2°40'48
	-9781 Jul 06 j 06:38	30°℞♈	
morning rise	-9781 Jul 11 j 00:09	25°♈18'31	
direct	-9781 Jul 14 j 07:48	24°♈14'54	
asc. node	-9781 Jul 14 j 21:41	24°♈16'47	
morning max el	-9781 Jul 21 j 09:22	28°♈16'41	19°14'04
	-9781 Jul 22 j 23:04	0°♉	
	-9781 Aug 12 j 04:16	0°♊	
morning set	-9781 Aug 13 j 08:35	1°♊51'44	
max. Earth dist.	-9781 Aug 27 j 21:03	24°♊46'25	1.44511 AU
superior conj	-9781 Aug 29 j 16:37	27°♊39'02	0°03'51
minimum elong	-9781 Aug 29 j 17:10	27°♊41'11	0°04'22
behind sun begin	-9781 Aug 29 j 06:11	26°♊57'37	
behind sun end	-9781 Aug 30 j 04:09	28°♊24'47	
desc. node	-9781 Aug 30 j 07:47	28°♊39'12	
	-9781 Aug 31 j 04:07	0°♋	
evening rise	-9781 Sep 13 j 21:46	22°♋10'08	
	-9781 Sep 18 j 16:26	0°♌	
evening max el	-9781 Oct 03 j 19:17	22°♌06'46	18°37'15
retrograde	-9781 Oct 10 j 12:11	25°♌51'18	
asc. node	-9781 Oct 10 j 21:14	25°♌50'30	
evening set	-9781 Oct 13 j 10:37	25°♌03'16	
inferior conj	-9781 Oct 19 j 10:43	19°♌23'55	2°33'57
minimum elong	-9781 Oct 19 j 07:27	19°♌33'34	2°33'21
min. Earth dist.	-9781 Oct 21 j 06:47	17°♌14'04	0.64660 AU
morning rise	-9781 Oct 25 j 03:45	13°♌17'13	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9781 Oct 31 j 20:48	10°♌31'15	
morning max el	-9781 Nov 14 j 02:22	18°♌03'30	27°05'20
	-9781 Nov 24 j 06:53	0°♍	
desc. node	-9781 Nov 26 j 08:18	2°♍47'46	
	-9781 Dec 13 j 11:25	0°♎	
morning set	-9781 Dec 19 j 11:39	11°♎11'42	
max. Earth dist.	-9781 Dec 24 j 04:32	20°♎33'29	1.34323 AU
superior conj	-9781 Dec 27 j 15:49	27°♎45'07	-1°23'38
minimum elong	-9781 Dec 27 j 18:06	27°♎57'05	1°23'36
	-9781 Dec 28 j 17:27	0°♏	
evening rise	-9780 Jan 03 j 23:53	13°♏14'02	
asc. node	-9780 Jan 06 j 19:10	18°♏58'15	
	-9780 Jan 12 j 16:02	0°♐	
evening max el	-9780 Jan 24 j 18:41	16°♐21'09	21°49'36
retrograde	-9780 Feb 05 j 23:53	22°♐10'15	
evening set	-9780 Feb 08 j 21:58	21°♐51'11	
inferior conj	-9780 Feb 18 j 01:14	17°♐47'33	1°07'59
minimum elong	-9780 Feb 18 j 04:10	17°♐43'23	1°06'29
min. Earth dist.	-9780 Feb 18 j 00:55	17°♐48'00	0.55386 AU
desc. node	-9780 Feb 22 j 09:23	15°♐27'31	
morning rise	-9780 Feb 27 j 10:41	13°♐42'03	
direct	-9780 Mar 01 j 01:14	13°♐26'49	
morning max el	-9780 Mar 13 j 07:15	19°♐19'16	21°37'37
	-9780 Mar 21 j 21:06	0°♑	
morning set	-9780 Apr 02 j 17:23	21°♑47'37	
asc. node	-9780 Apr 03 j 18:00	23°♑55'12	
	-9780 Apr 06 j 15:39	0°♒	
superior conj	-9780 Apr 10 j 03:30	7°♒19'00	0°58'34
minimum elong	-9780 Apr 10 j 01:06	7°♒06'33	0°57'40
max. Earth dist.	-9780 Apr 13 j 16:58	14°♒37'25	1.34948 AU
evening rise	-9780 Apr 18 j 10:16	23°♒55'16	
	-9780 Apr 21 j 15:58	0°♓	
	-9780 May 10 j 03:39	0°♈	
desc. node	-9780 May 20 j 07:40	12°♈53'29	
evening max el	-9780 May 23 j 12:57	16°♈15'38	26°54'51
retrograde	-9780 Jun 05 j 16:59	23°♈43'16	
evening set	-9780 Jun 12 j 11:17	20°♈55'05	
min. Earth dist.	-9780 Jun 16 j 07:50	16°♈58'36	0.65302 AU
inferior conj	-9780 Jun 18 j 04:49	14°♈45'41	-3°13'03
minimum elong	-9780 Jun 18 j 07:17	14°♈38'22	3°12'30
morning rise	-9780 Jun 24 j 03:37	9°♈06'44	
direct	-9780 Jun 27 j 04:24	8°♈15'42	
asc. node	-9780 Jun 30 j 18:33	9°♈24'04	
morning max el	-9780 Jul 03 j 19:38	11°♈54'55	18°32'05
	-9780 Jul 16 j 12:36	0°♉	
morning set	-9780 Jul 23 j 17:01	11°♉44'48	
	-9780 Aug 03 j 23:44	0°♊	
superior conj	-9780 Aug 07 j 16:17	5°♊52'26	0°49'53
minimum elong	-9780 Aug 07 j 21:56	6°♊14'48	0°49'44
max. Earth dist.	-9780 Aug 09 j 13:59	8°♊53'29	1.44565 AU
desc. node	-9780 Aug 16 j 04:58	19°♊20'42	
	-9780 Aug 22 j 23:16	0°♋	
evening rise	-9780 Aug 24 j 04:59	1°♋57'07	
greatest brilliancy	-9780 Sep 01 j 12:44	15°♋02'12	-0.8m
	-9780 Sep 11 j 14:14	0°♌	
evening max el	-9780 Sep 16 j 05:22	5°♌35'32	19°18'02
retrograde	-9780 Sep 23 j 07:34	9°♌39'17	
evening set	-9780 Sep 26 j 13:35	8°♌38'05	
asc. node	-9780 Sep 26 j 18:24	8°♌30'21	
inferior conj	-9780 Oct 02 j 06:25	2°♌45'31	1°43'59
minimum elong	-9780 Oct 02 j 04:05	2°♌52'57	1°43'38
min. Earth dist.	-9780 Oct 03 j 13:55	1°♌05'38	0.65759 AU
	-9780 Oct 04 j 11:10	30°℞♋	
morning rise	-9780 Oct 07 j 18:12	26°♋31'00	
direct	-9780 Oct 13 j 23:03	23°♋52'16	
	-9780 Oct 25 j 06:28	0°♌	
morning max el	-9780 Oct 26 j 12:31	1°♌12'38	26°09'57
desc. node	-9780 Nov 12 j 05:02	22°♌15'11	
	-9780 Nov 17 j 07:50	0°♍	
morning set	-9780 Dec 01 j 13:39	24°♍18'58	
	-9780 Dec 04 j 13:51	0°♎	
max. Earth dist.	-9780 Dec 05 j 15:53	2°♎05'47	1.35672 AU
superior conj	-9780 Dec 10 j 14:24	11°♎55'51	-1°36'06
minimum elong	-9780 Dec 10 j 16:08	12°♎04'39	1°36'02
evening rise	-9780 Dec 18 j 07:33	27°♎49'38	
	-9780 Dec 19 j 09:08	0°♏	
asc. node	-9780 Dec 23 j 16:27	8°♏27'28	
evening max el	-9779 Jan 05 j 23:21	27°♏45'28	20°27'44
	-9779 Jan 08 j 16:56	0°♐	
retrograde	-9779 Jan 16 j 15:07	2°♐45'38	
evening set	-9779 Jan 19 j 05:11	2°♐29'13	
	-9779 Jan 25 j 09:31	30°℞♏	
inferior conj	-9779 Jan 27 j 23:38	28°♏30'15	2°45'55
minimum elong	-9779 Jan 28 j 05:17	28°♏21'50	2°44'01
min. Earth dist.	-9779 Jan 29 j 15:01	27°♏31'51	0.55762 AU
morning rise	-9779 Feb 06 j 03:42	24°♏05'43	
desc. node	-9779 Feb 08 j 06:17	23°♏42'32	
direct	-9779 Feb 09 j 17:10	23°♏37'48	
	-9779 Feb 22 j 20:59	0°♐	
morning max el	-9779 Feb 23 j 03:38	0°♐15'41	23°11'48
	-9779 Mar 14 j 21:07	0°♑	
morning set	-9779 Mar 18 j 04:55	6°♑47'37	
asc. node	-9779 Mar 21 j 15:02	14°♑02'25	
superior conj	-9779 Mar 25 j 08:28	22°♑00'45	0°35'45
minimum elong	-9779 Mar 25 j 06:57	21°♑52'41	0°34'55
max. Earth dist.	-9779 Mar 27 j 17:03	27°♑00'06	1.33904 AU
	-9779 Mar 29 j 03:34	0°♒	
evening rise	-9779 Apr 02 j 01:48	7°♒57'50	
	-9779 Apr 14 j 04:23	0°♓	
evening max el	-9779 May 05 j 23:33	29°♓21'47	27°23'28
	-9779 May 06 j 15:32	0°♈	
desc. node	-9779 May 07 j 05:03	0°♈31'17	
retrograde	-9779 May 19 j 14:54	6°♈54'10	
evening set	-9779 May 26 j 14:45	4°♈13'32	
min. Earth dist.	-9779 May 30 j 06:39	0°♈50'54	0.63889 AU
	-9779 May 31 j 01:52	30°℞♓	
inferior conj	-9779 Jun 01 j 18:09	28°♓11'03	-3°34'05
minimum elong	-9779 Jun 01 j 19:46	28°♓06'43	3°34'02
morning rise	-9779 Jun 08 j 01:31	22°♓48'52	
direct	-9779 Jun 10 j 21:06	22°♓08'17	
morning max el	-9779 Jun 17 j 08:58	25°♓34'10	18°07'23
asc. node	-9779 Jun 17 j 15:25	25°♓50'30	
	-9779 Jun 21 j 02:03	0°♈	
morning set	-9779 Jul 05 j 03:02	22°♈49'31	
	-9779 Jul 09 j 08:01	0°♉	
superior conj	-9779 Jul 18 j 04:30	14°♉43'53	1°25'27
minimum elong	-9779 Jul 18 j 10:38	15°♉08'54	1°25'16
max. Earth dist.	-9779 Jul 23 j 05:04	22°♉50'59	1.43927 AU
	-9779 Jul 27 j 17:06	0°♊	
desc. node	-9779 Aug 03 j 02:12	9°♊58'44	
evening rise	-9779 Aug 03 j 12:46	10°♊39'46	
	-9779 Aug 16 j 04:45	0°♋	
evening max el	-9779 Aug 30 j 10:18	19°♋03'05	20°14'17
retrograde	-9779 Sep 07 j 04:18	23°♋34'23	
evening set	-9779 Sep 10 j 20:18	22°♋16'40	
asc. node	-9779 Sep 13 j 15:32	19°♋37'27	
inferior conj	-9779 Sep 16 j 07:37	16°♋14'04	0°51'50
minimum elong	-9779 Sep 16 j 06:25	16°♋18'02	0°51'55

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9779 Sep 17 j 03:39	15°♋07'15	0.66552 AU
morning rise	-9779 Sep 21 j 16:18	9°♋55'24	
direct	-9779 Sep 27 j 06:52	7°♋31'17	
morning max el	-9779 Oct 08 j 21:53	14°♋26'15	24°56'04
	-9779 Oct 21 j 16:16	0°♌	
desc. node	-9779 Oct 30 j 01:46	12°♌09'40	
	-9779 Nov 10 j 04:03	0°♍	
morning set	-9779 Nov 13 j 21:14	6°♍26'37	
max. Earth dist.	-9779 Nov 17 j 17:20	13°♍21'58	1.37419 AU
superior conj	-9779 Nov 24 j 03:15	25°♍32'29	-1°42'31
minimum elong	-9779 Nov 24 j 03:42	25°♍34'44	1°42'23
	-9779 Nov 26 j 09:34	0°♎	
evening rise	-9779 Dec 02 j 10:26	12°♎05'06	
asc. node	-9779 Dec 10 j 13:45	27°♎28'24	
	-9779 Dec 12 j 02:14	0°♏	
evening max el	-9779 Dec 19 j 14:10	9°♏43'34	19°22'53
retrograde	-9779 Dec 28 j 16:34	14°♏02'06	
evening set	-9779 Dec 31 j 04:55	13°♏43'52	
inferior conj	-9778 Jan 08 j 10:00	9°♏34'03	3°49'50
minimum elong	-9778 Jan 08 j 14:11	9°♏27'05	3°48'55
min. Earth dist.	-9778 Jan 11 j 04:57	7°♏43'20	0.56928 AU
morning rise	-9778 Jan 16 j 21:12	4°♏44'22	
direct	-9778 Jan 21 j 18:54	3°♏49'16	
desc. node	-9778 Jan 26 j 03:08	4°♏33'03	
morning max el	-9778 Feb 04 j 18:29	10°♏54'55	24°48'26
	-9778 Feb 19 j 04:51	0°♐	
morning set	-9778 Mar 02 j 17:25	21°♐52'25	
	-9778 Mar 06 j 12:44	0°♑	
asc. node	-9778 Mar 08 j 12:05	4°♑16'37	
superior conj	-9778 Mar 09 j 17:32	6°♑56'14	0°12'03
minimum elong	-9778 Mar 09 j 17:02	6°♑53'33	0°11'23
behind sun begin	-9778 Mar 09 j 13:30	6°♑34'24	
behind sun end	-9778 Mar 09 j 20:34	7°♑12'41	
max. Earth dist.	-9778 Mar 11 j 01:12	9°♑47'15	1.33202 AU
evening rise	-9778 Mar 17 j 01:56	22°♑27'37	
	-9778 Mar 20 j 21:20	0°♒	
	-9778 Apr 08 j 02:23	0°♓	
evening max el	-9778 Apr 18 j 07:59	12°♓02'32	27°21'24
desc. node	-9778 Apr 24 j 02:21	16°♓44'04	
retrograde	-9778 May 02 j 06:17	19°♓32'55	
evening set	-9778 May 09 j 03:51	17°♓13'23	
min. Earth dist.	-9778 May 12 j 20:14	14°♓15'01	0.62131 AU
inferior conj	-9778 May 15 j 20:47	11°♓21'46	-3°40'58
minimum elong	-9778 May 15 j 20:46	11°♓21'49	3°41'13
morning rise	-9778 May 22 j 15:06	6°♓18'29	
direct	-9778 May 25 j 06:43	5°♓46'39	
morning max el	-9778 May 31 j 22:56	9°♓09'27	18°01'00
asc. node	-9778 Jun 04 j 12:16	13°♓20'28	
	-9778 Jun 14 j 16:36	0°♈	
morning set	-9778 Jun 17 j 11:22	4°♈58'52	
superior conj	-9778 Jun 28 j 18:36	24°♈52'08	1°45'00
minimum elong	-9778 Jun 28 j 21:36	25°♈04'57	1°45'04
	-9778 Jul 01 j 19:23	0°♉	
max. Earth dist.	-9778 Jul 05 j 16:17	6°♉24'49	1.42685 AU
evening rise	-9778 Jul 13 j 14:09	19°♉05'41	
desc. node	-9778 Jul 20 j 23:30	0°♊30'07	
	-9778 Jul 20 j 15:34	0°♊	
	-9778 Aug 11 j 02:13	0°♋	
evening max el	-9778 Aug 13 j 08:38	2°♋27'49	21°23'33
retrograde	-9778 Aug 22 j 00:29	7°♋34'29	
evening set	-9778 Aug 26 j 04:38	5°♋57'20	
	-9778 Aug 31 j 08:36	30°℞♊	
inferior conj	-9778 Aug 31 j 12:13	29°♊47'34	-0°00'18
minimum elong	-9778 Aug 31 j 12:13	29°♊47'35	0°00'16
transit middle	-9778 Aug 31 j 12:13	29°♊47'35	0°00'16
transit begin	-9778 Aug 31 j 09:30	29°♊56'53	
transit end	-9778 Aug 31 j 14:55	29°♊38'17	
asc. node	-9778 Aug 31 j 12:35	29°♊46'18	
min. Earth dist.	-9778 Aug 31 j 21:35	29°♊15'27	0.67050 AU
morning rise	-9778 Sep 05 j 19:39	23°♊28'22	
direct	-9778 Sep 10 j 19:36	21°♊22'45	
morning max el	-9778 Sep 21 j 07:47	27°♊41'01	23°32'52
	-9778 Sep 23 j 11:52	0°♋	
	-9778 Oct 15 j 09:27	0°♌	
desc. node	-9778 Oct 16 j 22:34	2°♌23'20	
morning set	-9778 Oct 26 j 04:51	17°♌20'50	
max. Earth dist.	-9778 Oct 30 j 15:16	24°♌56'11	1.39403 AU
	-9778 Nov 02 j 11:59	0°♍	
superior conj	-9778 Nov 07 j 02:15	8°♍23'34	-1°40'42
minimum elong	-9778 Nov 07 j 00:42	8°♍16'24	1°40'22
evening rise	-9778 Nov 16 j 06:06	25°♍54'29	
	-9778 Nov 18 j 09:09	0°♎	
asc. node	-9778 Nov 27 j 11:01	15°♎52'00	
evening max el	-9778 Dec 02 j 14:25	22°♎13'22	18°37'48
retrograde	-9778 Dec 10 j 11:44	26°♎03'55	
evening set	-9778 Dec 12 j 23:57	25°♎42'01	
inferior conj	-9778 Dec 20 j 15:08	21°♎12'36	4°14'38
minimum elong	-9778 Dec 20 j 15:48	21°♎11'20	4°14'28
min. Earth dist.	-9778 Dec 23 j 20:52	18°♎44'16	0.58610 AU
morning rise	-9778 Dec 28 j 05:46	15°♎59'40	
direct	-9777 Jan 03 j 08:17	14°♎27'16	
desc. node	-9777 Jan 12 j 23:56	18°♎02'54	
morning max el	-9777 Jan 17 j 10:43	21°♎46'33	26°12'48
	-9777 Jan 24 j 16:41	0°♏	
	-9777 Feb 11 j 19:48	0°♐	
morning set	-9777 Feb 15 j 05:07	6°♐55'32	
superior conj	-9777 Feb 22 j 04:47	21°♐58'39	-0°11'38
minimum elong	-9777 Feb 22 j 05:18	22°♐01'26	0°12'05
behind sun begin	-9777 Feb 22 j 02:04	21°♐43'48	
behind sun end	-9777 Feb 22 j 08:32	22°♐19'04	
max. Earth dist.	-9777 Feb 22 j 13:57	22°♐48'39	1.32829 AU
asc. node	-9777 Feb 23 j 09:09	24°♐33'22	
	-9777 Feb 25 j 21:30	0°♑	
evening rise	-9777 Mar 01 j 07:50	7°♑14'45	
	-9777 Mar 13 j 10:41	0°♒	
evening max el	-9777 Mar 31 j 11:39	24°♒06'39	26°46'23
	-9777 Apr 08 j 11:40	0°♓	
desc. node	-9777 Apr 10 j 23:37	0°♓58'47	
retrograde	-9777 Apr 14 j 13:41	1°♓31'23	
	-9777 Apr 20 j 10:54	30°℞♒	
evening set	-9777 Apr 20 j 23:03	29°♒43'50	
min. Earth dist.	-9777 Apr 25 j 00:47	26°♒55'49	0.60155 AU
inferior conj	-9777 Apr 28 j 09:05	24°♒08'37	-3°27'58
minimum elong	-9777 Apr 28 j 06:53	24°♒13'15	3°28'08
morning rise	-9777 May 05 j 17:02	19°♒25'49	
direct	-9777 May 08 j 05:09	19°♒01'33	
morning max el	-9777 May 15 j 10:51	22°♒33'06	18°13'37
	-9777 May 21 j 07:48	0°♓	
asc. node	-9777 May 22 j 09:06	1°♓39'13	
morning set	-9777 May 31 j 12:59	18°♓00'08	
	-9777 Jun 06 j 23:34	0°♈	
superior conj	-9777 Jun 10 j 11:08	6°♈19'47	1°49'50
minimum elong	-9777 Jun 10 j 10:51	6°♈18'30	1°49'50
max. Earth dist.	-9777 Jun 17 j 21:51	19°♈19'48	1.41002 AU
evening rise	-9777 Jun 23 j 06:55	28°♈16'00	
	-9777 Jun 24 j 08:34	0°♉	
desc. node	-9777 Jul 07 j 20:50	20°♉50'12	
	-9777 Jul 14 j 06:28	0°♊	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9777 Jul 27 j 00:21	15°♊49'09	22°42'03
retrograde	-9777 Aug 05 j 18:38	21°♊36'40	
evening set	-9777 Aug 10 j 12:38	19°♊38'25	
inferior conj	-9777 Aug 15 j 18:24	13°♊24'10	-0°50'42
minimum elong	-9777 Aug 15 j 19:28	13°♊20'29	0°49'45
min. Earth dist.	-9777 Aug 15 j 17:20	13°♊27'50	0.67254 AU
asc. node	-9777 Aug 18 j 09:36	9°♊54'22	
morning rise	-9777 Aug 21 j 02:12	7°♊07'55	
direct	-9777 Aug 25 j 12:27	5°♊21'42	
morning max el	-9777 Sep 03 j 20:55	10°♊58'02	22°09'00
	-9777 Sep 18 j 16:16	0°♋	
desc. node	-9777 Oct 03 j 19:25	22°♋50'02	
morning set	-9777 Oct 06 j 09:26	26°♋56'35	
	-9777 Oct 08 j 06:56	0°♌	
max. Earth dist.	-9777 Oct 12 j 16:19	7°♌13'48	1.41357 AU
superior conj	-9777 Oct 20 j 06:04	20°♌14'35	-1°28'02
minimum elong	-9777 Oct 20 j 02:14	19°♌57'42	1°27'20
	-9777 Oct 25 j 16:14	0°♍	
evening rise	-9777 Oct 30 j 15:28	9°♍10'17	
	-9777 Nov 11 j 16:53	0°♎	
asc. node	-9777 Nov 14 j 08:17	3°♎26'42	
evening max el	-9777 Nov 15 j 21:53	5°♎08'19	18°13'02
retrograde	-9777 Nov 23 j 00:21	8°♎44'05	
evening set	-9777 Nov 25 j 13:09	8°♎17'26	
inferior conj	-9777 Dec 02 j 15:32	3°♎26'19	4°08'14
minimum elong	-9777 Dec 02 j 13:20	3°♎31'11	4°08'03
min. Earth dist.	-9777 Dec 05 j 18:40	0°♎40'38	0.60482 AU
	-9777 Dec 06 j 14:16	30°℞♍	
morning rise	-9777 Dec 09 j 12:07	27°♍54'04	
direct	-9777 Dec 16 j 08:18	25°♍45'20	
	-9777 Dec 26 j 15:55	0°♎	
morning max el	-9777 Dec 30 j 08:56	3°♎13'00	27°11'10
desc. node	-9777 Dec 30 j 20:41	3°♎41'40	
	-9776 Jan 19 j 01:34	0°♏	
morning set	-9776 Jan 30 j 14:13	21°♏50'24	
	-9776 Feb 03 j 10:48	0°♐	
max. Earth dist.	-9776 Feb 06 j 03:31	5°♐51'01	1.32777 AU
superior conj	-9776 Feb 06 j 16:36	7°♐02'23	-0°34'27
minimum elong	-9776 Feb 06 j 17:59	7°♐09'58	0°34'42
asc. node	-9776 Feb 10 j 06:16	14°♐48'56	
evening rise	-9776 Feb 13 j 17:18	22°♐11'36	
	-9776 Feb 17 j 13:18	0°♑	
	-9776 Mar 07 j 06:42	0°♒	
evening max el	-9776 Mar 12 j 09:25	5°♒32'29	25°41'32
retrograde	-9776 Mar 26 j 11:44	12°♒46'41	
desc. node	-9776 Mar 27 j 20:48	12°♒42'04	
evening set	-9776 Mar 31 j 22:45	11°♒35'08	
min. Earth dist.	-9776 Apr 05 j 22:27	8°♒42'12	0.58195 AU
inferior conj	-9776 Apr 09 j 03:34	6°♒23'14	-2°48'00
minimum elong	-9776 Apr 08 j 23:36	6°♒30'27	2°47'40
morning rise	-9776 Apr 17 j 03:38	2°♒00'32	
direct	-9776 Apr 19 j 12:06	1°♒42'40	
morning max el	-9776 Apr 27 j 17:55	5°♒37'13	18°45'41
asc. node	-9776 May 08 j 05:57	20°♒35'42	
	-9776 May 13 j 06:15	0°♓	
morning set	-9776 May 14 j 03:29	1°♓42'47	
superior conj	-9776 May 23 j 01:12	18°♓54'02	1°43'33
minimum elong	-9776 May 22 j 22:56	18°♓43'21	1°43'14
	-9776 May 29 j 02:06	0°♈	
max. Earth dist.	-9776 May 29 j 22:33	1°♈31'08	1.39120 AU
evening rise	-9776 Jun 03 j 02:25	8°♈45'44	
	-9776 Jun 16 j 07:17	0°♉	
desc. node	-9776 Jun 23 j 18:12	10°♉53'30	
evening max el	-9776 Jul 08 j 11:30	29°♉10'02	24°04'01
	-9776 Jul 09 j 07:54	0°♊	
retrograde	-9776 Jul 19 j 09:41	5°♊37'51	
evening set	-9776 Jul 24 j 18:28	3°♊19'02	
	-9776 Jul 27 j 19:20	30°℞♉	
min. Earth dist.	-9776 Jul 29 j 12:35	27°♉43'17	0.67151 AU
inferior conj	-9776 Jul 30 j 00:25	27°♉02'59	-1°37'51
minimum elong	-9776 Jul 30 j 02:21	26°♉56'22	1°36'41
morning rise	-9776 Aug 04 j 10:12	20°♉52'58	
asc. node	-9776 Aug 04 j 06:34	20°♉59'56	
direct	-9776 Aug 08 j 08:29	19°♉25'00	
morning max el	-9776 Aug 16 j 15:40	24°♉20'18	20°51'31
	-9776 Aug 21 j 11:50	0°♊	
	-9776 Sep 11 j 02:20	0°♋	
morning set	-9776 Sep 14 j 16:23	5°♋33'22	
desc. node	-9776 Sep 19 j 16:20	13°♋25'19	
max. Earth dist.	-9776 Sep 23 j 23:25	20°♋18'53	1.43012 AU
	-9776 Sep 29 j 20:42	0°♌	
superior conj	-9776 Sep 30 j 08:56	0°♌51'11	-1°02'07
minimum elong	-9776 Sep 30 j 04:00	0°♌30'34	1°01'04
evening rise	-9776 Oct 12 j 10:28	21°♌42'46	
	-9776 Oct 17 j 03:11	0°♍	
evening max el	-9776 Oct 29 j 09:48	18°♍20'31	18°07'56
asc. node	-9776 Oct 31 j 05:33	19°♍57'51	
retrograde	-9776 Nov 05 j 02:25	21°♍52'22	
evening set	-9776 Nov 07 j 17:23	21°♍19'18	
inferior conj	-9776 Nov 14 j 08:21	16°♍07'38	3°40'52
minimum elong	-9776 Nov 14 j 04:50	16°♍16'30	3°40'24
min. Earth dist.	-9776 Nov 17 j 01:21	13°♍24'41	0.62297 AU
morning rise	-9776 Nov 20 j 15:17	10°♍19'41	
direct	-9776 Nov 27 j 17:19	7°♍45'11	
morning max el	-9776 Dec 11 j 13:16	15°♍18'38	27°35'39
desc. node	-9776 Dec 16 j 17:22	20°♍54'17	
	-9776 Dec 23 j 16:31	0°♎	
	-9775 Jan 10 j 12:27	0°♏	
morning set	-9775 Jan 13 j 18:32	6°♏28'01	
max. Earth dist.	-9775 Jan 19 j 14:00	18°♏39'10	1.33069 AU
superior conj	-9775 Jan 21 j 03:14	22°♏00'06	-0°55'40
minimum elong	-9775 Jan 21 j 05:16	22°♏11'07	0°55'45
	-9775 Jan 24 j 19:48	0°♐	
asc. node	-9775 Jan 27 j 03:26	4°♐58'15	
evening rise	-9775 Jan 28 j 04:25	7°♐10'15	
	-9775 Feb 09 j 08:02	0°♑	
evening max el	-9775 Feb 22 j 03:01	16°♑30'11	24°15'49
retrograde	-9775 Mar 07 j 22:09	23°♑22'28	
evening set	-9775 Mar 12 j 05:18	22°♑41'06	
desc. node	-9775 Mar 14 j 17:55	21°♑41'18	
min. Earth dist.	-9775 Mar 18 j 16:06	19°♑30'41	0.56564 AU
inferior conj	-9775 Mar 21 j 02:11	17°♑59'00	-1°35'36
minimum elong	-9775 Mar 20 j 22:41	18°♑04'33	1°35'09
morning rise	-9775 Mar 29 j 19:09	13°♑51'44	
direct	-9775 Apr 01 j 00:45	13°♑38'14	
morning max el	-9775 Apr 10 j 17:07	18°♑11'13	19°37'34
	-9775 Apr 19 j 14:41	0°♒	
asc. node	-9775 Apr 25 j 02:49	10°♒00'20	
morning set	-9775 Apr 28 j 03:12	15°♒57'00	
	-9775 May 05 j 03:10	0°♓	
superior conj	-9775 May 06 j 07:14	2°♓18'52	1°29'38
minimum elong	-9775 May 06 j 04:17	2°♓04'17	1°29'00
max. Earth dist.	-9775 May 11 j 23:49	13°♓15'12	1.37293 AU
evening rise	-9775 May 15 j 23:51	20°♓34'47	
	-9775 May 21 j 09:46	0°♈	
	-9775 Jun 10 j 05:45	0°♉	
desc. node	-9775 Jun 10 j 15:37	0°♉32'35	
evening max el	-9775 Jun 20 j 21:17	12°♉33'28	25°21'52

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9775 Jul 02 j 20:45	19°♉33'31	
evening set	-9775 Jul 08 j 20:09	16°♉57'35	
min. Earth dist.	-9775 Jul 13 j 04:57	11°♉59'40	0.66719 AU
inferior conj	-9775 Jul 14 j 04:32	10°♉42'17	-2°20'12
minimum elong	-9775 Jul 14 j 07:03	10°♉34'03	2°19'06
morning rise	-9775 Jul 19 j 17:56	4°♉41'49	
asc. node	-9775 Jul 22 j 03:29	3°♉37'07	
direct	-9775 Jul 23 j 06:19	3°♉29'57	
morning max el	-9775 Jul 30 j 17:01	7°♉49'23	19°45'31
	-9775 Aug 15 j 17:50	0°♊	
morning set	-9775 Aug 24 j 19:12	14°♊01'55	
	-9775 Sep 03 j 23:23	0°♋	
max. Earth dist.	-9775 Sep 06 j 12:22	4°♋01'51	1.44147 AU
desc. node	-9775 Sep 06 j 13:20	4°♋05'45	
superior conj	-9775 Sep 10 j 08:10	10°♋08'57	-0°22'55
minimum elong	-9775 Sep 10 j 05:37	9°♋58'43	0°22'00
	-9775 Sep 22 j 10:18	0°♌	
evening rise	-9775 Sep 24 j 10:02	3°♌20'23	
	-9775 Oct 11 j 09:45	0°♍	
evening max el	-9775 Oct 12 j 23:16	1°♍43'54	18°21'29
asc. node	-9775 Oct 18 j 02:48	5°♍09'33	
retrograde	-9775 Oct 19 j 13:55	5°♍21'01	
evening set	-9775 Oct 22 j 09:02	4°♍39'15	
	-9775 Oct 27 j 19:53	30°℞♌	
inferior conj	-9775 Oct 28 j 14:07	29°♌09'21	3°00'42
minimum elong	-9775 Oct 28 j 10:31	29°♌19'26	3°00'03
min. Earth dist.	-9775 Oct 30 j 17:58	26°♌44'32	0.63889 AU
morning rise	-9775 Nov 03 j 11:20	23°♌08'48	
direct	-9775 Nov 10 j 09:48	20°♌22'57	
morning max el	-9775 Nov 23 j 21:39	27°♌57'28	27°25'21
	-9775 Nov 25 j 21:35	0°♍	
desc. node	-9775 Dec 03 j 14:04	9°♍13'57	
	-9775 Dec 17 j 08:36	0°♎	
morning set	-9775 Dec 28 j 15:28	20°♎39'21	
	-9774 Jan 02 j 05:57	0°♏	
max. Earth dist.	-9774 Jan 02 j 17:41	1°♏01'08	1.33749 AU
superior conj	-9774 Jan 05 j 10:58	6°♏45'33	-1°14'24
minimum elong	-9774 Jan 05 j 13:17	6°♏57'55	1°14'23
evening rise	-9774 Jan 12 j 15:33	22°♏04'42	
asc. node	-9774 Jan 14 j 00:40	24°♏56'34	
	-9774 Jan 16 j 12:50	0°♐	
evening max el	-9774 Feb 03 j 21:00	27°♐21'30	22°42'00
	-9774 Feb 07 j 00:55	0°♑	
retrograde	-9774 Feb 16 j 19:49	3°♑36'20	
evening set	-9774 Feb 20 j 03:03	3°♑12'32	
	-9774 Feb 27 j 12:51	30°℞♐	
min. Earth dist.	-9774 Feb 28 j 07:39	29°♐33'09	0.55582 AU
inferior conj	-9774 Mar 01 j 07:23	28°♐58'54	0°04'58
minimum elong	-9774 Mar 01 j 07:35	28°♐58'37	0°04'19
transit middle	-9774 Mar 01 j 07:35	28°♐58'37	0°04'19
transit begin	-9774 Mar 01 j 03:40	29°♐04'17	
transit end	-9774 Mar 01 j 11:30	28°♐52'57	
desc. node	-9774 Mar 01 j 14:58	28°♐47'58	
morning rise	-9774 Mar 10 j 13:32	24°♐56'48	
direct	-9774 Mar 12 j 21:46	24°♐43'49	
morning max el	-9774 Mar 24 j 05:55	0°♑06'39	20°48'46
	-9774 Mar 24 j 03:05	0°♑	
asc. node	-9774 Apr 11 j 23:43	29°♑46'06	
morning set	-9774 Apr 12 j 09:17	0°♒34'56	
	-9774 Apr 12 j 02:27	0°♒	
superior conj	-9774 Apr 20 j 00:45	16°♒21'28	1°10'49
minimum elong	-9774 Apr 19 j 21:59	16°♒07'21	1°09'58
max. Earth dist.	-9774 Apr 24 j 08:19	25°♒01'29	1.35714 AU
	-9774 Apr 26 j 21:50	0°♓	
evening rise	-9774 Apr 28 j 17:48	3°♓28'11	
	-9774 May 14 j 07:41	0°♈	
desc. node	-9774 May 28 j 13:03	19°♈36'56	
evening max el	-9774 Jun 03 j 07:44	25°♈57'14	26°26'49
	-9774 Jun 07 j 23:52	0°♉	
retrograde	-9774 Jun 16 j 02:58	3°♉17'27	
evening set	-9774 Jun 22 j 15:23	0°♉31'10	
	-9774 Jun 23 j 05:17	30°℞♈	
min. Earth dist.	-9774 Jun 26 j 16:03	26°♈12'31	0.65928 AU
inferior conj	-9774 Jun 28 j 04:45	24°♈19'05	-2°56'08
minimum elong	-9774 Jun 28 j 07:24	24°♈10'54	2°55'20
morning rise	-9774 Jul 03 j 23:33	18°♈31'18	
direct	-9774 Jul 07 j 04:06	17°♈33'11	
asc. node	-9774 Jul 09 j 00:22	17°♈51'57	
morning max el	-9774 Jul 14 j 00:23	21°♈24'21	18°54'10
	-9774 Jul 20 j 17:48	0°♉	
morning set	-9774 Aug 04 j 13:36	23°♉15'36	
	-9774 Aug 08 j 18:54	0°♊	
superior conj	-9774 Aug 20 j 10:47	18°♊29'07	0°23'58
minimum elong	-9774 Aug 20 j 13:49	18°♊41'06	0°24'09
max. Earth dist.	-9774 Aug 20 j 04:58	18°♊06'08	1.44620 AU
desc. node	-9774 Aug 24 j 10:28	24°♊47'38	
	-9774 Aug 27 j 17:13	0°♋	
evening rise	-9774 Sep 05 j 08:45	13°♋49'27	
	-9774 Sep 15 j 11:12	0°♌	
evening max el	-9774 Sep 26 j 11:23	15°♌11'55	18°52'38
retrograde	-9774 Oct 03 j 07:14	19°♌03'10	
asc. node	-9774 Oct 05 j 00:02	18°♌46'41	
evening set	-9774 Oct 06 j 08:43	18°♌09'48	
inferior conj	-9774 Oct 12 j 05:31	12°♌24'33	2°13'11
minimum elong	-9774 Oct 12 j 02:35	12°♌33'27	2°12'39
min. Earth dist.	-9774 Oct 13 j 20:05	10°♌27'05	0.65173 AU
morning rise	-9774 Oct 17 j 20:03	6°♌14'25	
direct	-9774 Oct 24 j 08:27	3°♌30'21	
morning max el	-9774 Nov 06 j 07:35	10°♌58'11	26°44'32
desc. node	-9774 Nov 20 j 10:46	28°♌20'34	
	-9774 Nov 21 j 14:30	0°♍	
	-9774 Dec 09 j 19:38	0°♎	
morning set	-9774 Dec 12 j 01:35	4°♎13'19	
max. Earth dist.	-9774 Dec 16 j 11:32	12°♎50'57	1.34851 AU
superior conj	-9774 Dec 20 j 13:37	21°♎11'14	-1°29'33
minimum elong	-9774 Dec 20 j 15:45	21°♎22'16	1°29'30
	-9774 Dec 24 j 18:42	0°♏	
evening rise	-9774 Dec 28 j 01:00	6°♏48'57	
asc. node	-9774 Dec 31 j 21:57	14°♏38'20	
	-9773 Jan 09 j 19:15	0°♐	
evening max el	-9773 Jan 16 j 20:33	8°♐28'57	21°12'55
retrograde	-9773 Jan 28 j 10:02	13°♐56'31	
evening set	-9773 Jan 31 j 03:52	13°♐39'12	
inferior conj	-9773 Feb 09 j 04:20	9°♐39'55	1°52'33
minimum elong	-9773 Feb 09 j 08:54	9°♐33'23	1°50'39
min. Earth dist.	-9773 Feb 09 j 21:47	9°♐14'59	0.55446 AU
desc. node	-9773 Feb 16 j 11:55	6°♐02'41	
morning rise	-9773 Feb 18 j 13:16	5°♐28'08	
direct	-9773 Feb 21 j 12:08	5°♐08'55	
morning max el	-9773 Mar 06 j 07:36	11°♐21'54	22°16'34
	-9773 Mar 19 j 20:13	0°♑	
morning set	-9773 Mar 27 j 19:28	15°♑29'37	
asc. node	-9773 Mar 29 j 20:42	19°♑47'21	
	-9773 Apr 03 j 16:29	0°♒	
superior conj	-9773 Apr 04 j 02:21	0°♒51'57	0°49'03
minimum elong	-9773 Apr 04 j 00:18	0°♒41'10	0°48'10
max. Earth dist.	-9773 Apr 07 j 03:07	7°♒10'37	1.34465 AU
evening rise	-9773 Apr 12 j 02:48	17°♒10'01	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9773 Apr 19 j 00:29	0°♓	
	-9773 May 08 j 15:31	0°♈	
desc. node	-9773 May 15 j 10:27	7°♈52'15	
evening max el	-9773 May 16 j 18:46	9°♈13'30	27°10'31
retrograde	-9773 May 30 j 03:54	16°♈43'15	
evening set	-9773 Jun 06 j 01:29	13°♈56'47	
min. Earth dist.	-9773 Jun 09 j 19:41	10°♈15'37	0.64750 AU
inferior conj	-9773 Jun 11 j 22:49	7°♈50'15	-3°23'26
minimum elong	-9773 Jun 12 j 01:01	7°♈43'59	3°23'07
morning rise	-9773 Jun 18 j 00:58	2°♈18'07	
direct	-9773 Jun 20 j 23:30	1°♈31'36	
asc. node	-9773 Jun 25 j 21:13	3°♈35'06	
morning max el	-9773 Jun 27 j 12:12	5°♈03'36	18°19'26
	-9773 Jul 14 j 04:25	0°♉	
morning set	-9773 Jul 16 j 09:05	3°♉39'47	
superior conj	-9773 Jul 30 j 13:09	26°♉50'52	1°06'47
minimum elong	-9773 Jul 30 j 19:40	27°♉16'55	1°06'33
	-9773 Aug 01 j 12:31	0°♊	
max. Earth dist.	-9773 Aug 02 j 22:04	2°♊13'26	1.44379 AU
desc. node	-9773 Aug 11 j 07:40	15°♊28'02	
evening rise	-9773 Aug 16 j 04:52	23°♊06'09	
	-9773 Aug 20 j 15:12	0°♋	
greatest brilliancy	-9773 Aug 27 j 16:10	10°♋50'24	-0.7m
evening max el	-9773 Sep 09 j 19:31	28°♋40'19	19°40'09
	-9773 Sep 11 j 04:36	0°♌	
retrograde	-9773 Sep 17 j 03:29	2°♌54'34	
evening set	-9773 Sep 20 j 13:34	1°♌46'32	
asc. node	-9773 Sep 21 j 21:12	0°♌44'46	
	-9773 Sep 22 j 15:55	30°℞♋	
inferior conj	-9773 Sep 26 j 03:48	25°♋49'07	1°21'58
minimum elong	-9773 Sep 26 j 01:56	25°♋55'11	1°21'48
min. Earth dist.	-9773 Sep 27 j 06:11	24°♋23'24	0.66134 AU
morning rise	-9773 Oct 01 j 14:02	19°♋32'33	
direct	-9773 Oct 07 j 12:53	16°♋59'40	
morning max el	-9773 Oct 19 j 17:29	24°♋10'14	25°40'19
	-9773 Oct 25 j 00:17	0°♌	
desc. node	-9773 Nov 07 j 07:30	18°♌00'35	
	-9773 Nov 15 j 00:11	0°♍	
morning set	-9773 Nov 24 j 20:26	16°♍56'58	
max. Earth dist.	-9773 Nov 28 j 18:38	24°♍15'04	1.36377 AU
	-9773 Dec 01 j 18:09	0°♎	
superior conj	-9773 Dec 04 j 08:29	5°♎08'44	-1°39'41
minimum elong	-9773 Dec 04 j 09:47	5°♎15'10	1°39'36
evening rise	-9773 Dec 12 j 06:55	21°♎17'06	
	-9773 Dec 16 j 16:31	0°♏	
asc. node	-9773 Dec 18 j 19:15	3°♏56'49	
evening max el	-9773 Dec 30 j 05:22	20°♏07'05	19°57'44
retrograde	-9772 Jan 09 j 04:37	24°♏48'33	
evening set	-9772 Jan 11 j 17:35	24°♏31'38	
inferior conj	-9772 Jan 20 j 06:32	20°♏29'09	3°18'00
minimum elong	-9772 Jan 20 j 12:01	20°♏20'37	3°16'25
min. Earth dist.	-9772 Jan 22 j 11:21	19°♏07'34	0.56175 AU
morning rise	-9772 Jan 29 j 04:29	15°♏54'19	
direct	-9772 Feb 02 j 07:03	15°♏16'53	
desc. node	-9772 Feb 03 j 08:48	15°♏19'31	
morning max el	-9772 Feb 16 j 00:56	22°♏08'13	23°53'31
	-9772 Feb 22 j 21:09	0°♐	
morning set	-9772 Mar 11 j 07:38	0°♑33'01	
	-9772 Mar 11 j 01:19	0°♑	
asc. node	-9772 Mar 15 j 17:42	9°♑58'17	
superior conj	-9772 Mar 18 j 09:20	15°♑40'47	0°25'45
minimum elong	-9772 Mar 18 j 08:15	15°♑34'56	0°24'58
max. Earth dist.	-9772 Mar 20 j 07:08	19°♑45'30	1.33563 AU
	-9772 Mar 25 j 05:24	0°♒	

evening rise	-9772 Mar 25 j 22:23	1°♒25'35	
	-9772 Apr 10 j 23:17	0°♓	
evening max el	-9772 Apr 28 j 04:34	22°♓09'43	27°26'26
desc. node	-9772 May 01 j 07:47	24°♓57'29	
retrograde	-9772 May 11 j 23:01	29°♓41'54	
evening set	-9772 May 18 j 23:14	27°♓08'16	
min. Earth dist.	-9772 May 22 j 14:24	23°♓57'48	0.63184 AU
inferior conj	-9772 May 25 j 07:57	21°♓10'03	-3°39'03
minimum elong	-9772 May 25 j 08:58	21°♓07'27	3°39'09
morning rise	-9772 May 31 j 19:42	15°♓55'57	
direct	-9772 Jun 03 j 13:31	15°♓19'17	
morning max el	-9772 Jun 10 j 02:10	18°♓42'13	18°02'26
asc. node	-9772 Jun 11 j 18:03	20°♓30'26	
	-9772 Jun 18 j 08:17	0°♈	
morning set	-9772 Jun 27 j 05:06	15°♈12'59	
	-9772 Jul 05 j 18:44	0°♉	
superior conj	-9772 Jul 09 j 11:37	6°♉12'45	1°35'44
minimum elong	-9772 Jul 09 j 16:38	6°♉33'34	1°35'41
max. Earth dist.	-9772 Jul 15 j 11:50	16°♉02'57	1.43461 AU
	-9772 Jul 24 j 07:04	0°♊	
evening rise	-9772 Jul 25 j 07:07	1°♊33'35	
desc. node	-9772 Jul 28 j 04:56	6°♊03'36	
	-9772 Aug 13 j 06:47	0°♋	
evening max el	-9772 Aug 22 j 21:36	12°♋06'11	20°42'20
retrograde	-9772 Aug 31 j 00:19	16°♋52'09	
evening set	-9772 Sep 03 j 21:13	15°♋26'24	
asc. node	-9772 Sep 07 j 18:17	11°♋21'20	
inferior conj	-9772 Sep 09 j 06:41	9°♋20'08	0°29'36
minimum elong	-9772 Sep 09 j 06:00	9°♋22'27	0°29'54
min. Earth dist.	-9772 Sep 09 j 22:03	8°♋28'05	0.66789 AU
morning rise	-9772 Sep 14 j 14:36	3°♋00'41	
direct	-9772 Sep 19 j 22:45	0°♋44'21	
morning max el	-9772 Oct 01 j 03:03	7°♋25'25	24°21'26
	-9772 Oct 18 j 18:51	0°♌	
desc. node	-9772 Oct 24 j 04:17	8°♌04'15	
morning set	-9772 Nov 05 j 18:35	28°♌35'50	
	-9772 Nov 06 j 13:59	0°♍	
max. Earth dist.	-9772 Nov 09 j 17:51	5°♍35'45	1.38238 AU
superior conj	-9772 Nov 16 j 16:03	18°♍27'54	-1°42'54
minimum elong	-9772 Nov 16 j 15:45	18°♍26'26	1°42'43
	-9772 Nov 22 j 13:48	0°♎	
evening rise	-9772 Nov 25 j 07:07	5°♎22'58	
asc. node	-9772 Dec 04 j 16:33	22°♎43'53	
	-9772 Dec 09 j 20:01	0°♏	
evening max el	-9772 Dec 12 j 00:24	2°♏19'57	19°01'16
retrograde	-9772 Dec 20 j 13:33	6°♏25'15	
evening set	-9772 Dec 23 j 01:31	6°♏05'46	
inferior conj	-9772 Dec 31 j 00:39	1°♏48'18	4°04'50
minimum elong	-9772 Dec 31 j 03:23	1°♏43'27	4°04'19
	-9771 Jan 02 j 13:58	30°℞♎	
min. Earth dist.	-9771 Jan 03 j 02:06	29°♎39'13	0.57592 AU
morning rise	-9771 Jan 08 j 03:02	26°♎47'50	
direct	-9771 Jan 13 j 13:45	25°♎37'37	
desc. node	-9771 Jan 20 j 05:37	27°♎20'52	
	-9771 Jan 24 j 08:58	0°♏	
morning max el	-9771 Jan 27 j 15:54	2°♏51'00	25°26'39
	-9771 Feb 15 j 21:35	0°♐	
morning set	-9771 Feb 23 j 20:02	15°♐38'29	
superior conj	-9771 Mar 02 j 19:35	0°♑40'40	0°02'00
minimum elong	-9771 Mar 02 j 19:31	0°♑40'21	0°01'24
behind sun begin	-9771 Mar 02 j 14:30	0°♑13'03	
behind sun end	-9771 Mar 03 j 00:33	1°♑07'38	
asc. node	-9771 Mar 02 j 14:46	0°♑14'26	
	-9771 Mar 02 j 12:06	0°♑	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9771 Mar 03 j 17:31	2°♉39'50	1.33004 AU
evening rise	-9771 Mar 10 j 01:18	16°♉04'08	
	-9771 Mar 17 j 05:11	0°♒	
	-9771 Apr 06 j 03:16	0°♓	
evening max el	-9771 Apr 10 j 10:59	4°♓35'09	27°10'19
desc. node	-9771 Apr 18 j 05:03	10°♓24'23	
retrograde	-9771 Apr 24 j 11:30	12°♓04'27	
evening set	-9771 May 01 j 05:07	9°♓57'17	
min. Earth dist.	-9771 May 05 j 00:00	7°♓05'11	0.61308 AU
inferior conj	-9771 May 08 j 04:55	4°♓11'30	-3°38'19
minimum elong	-9771 May 08 j 04:00	4°♓13'35	3°38'34
	-9771 May 13 j 15:05	30°℞♒	
morning rise	-9771 May 15 j 04:45	29°♒17'05	
direct	-9771 May 17 j 18:44	28°♒48'45	
	-9771 May 21 j 19:13	0°♓	
morning max el	-9771 May 24 j 15:39	2°♓13'50	18°03'58
asc. node	-9771 May 29 j 14:52	8°♓22'41	
morning set	-9771 Jun 09 j 21:19	27°♓45'22	
	-9771 Jun 11 j 02:46	0°♈	
superior conj	-9771 Jun 20 j 13:22	16°♈55'48	1°48'40
minimum elong	-9771 Jun 20 j 14:51	17°♈02'16	1°48'44
max. Earth dist.	-9771 Jun 27 j 20:01	29°♈18'48	1.42006 AU
	-9771 Jun 28 j 05:58	0°♉	
evening rise	-9771 Jul 04 j 12:36	10°♉10'57	
desc. node	-9771 Jul 15 j 02:14	26°♉30'28	
	-9771 Jul 17 j 10:30	0°♊	
evening max el	-9771 Aug 05 j 16:52	25°♊28'37	21°56'12
	-9771 Aug 11 j 10:56	0°♋	
retrograde	-9771 Aug 14 j 19:50	0°♋52'52	
	-9771 Aug 17 j 23:00	30°℞♊	
evening set	-9771 Aug 19 j 05:35	29°♊07'03	
inferior conj	-9771 Aug 24 j 12:09	22°♊54'58	-0°22'02
minimum elong	-9771 Aug 24 j 12:37	22°♊53'21	0°21'16
min. Earth dist.	-9771 Aug 24 j 17:08	22°♊37'45	0.67163 AU
asc. node	-9771 Aug 25 j 15:19	21°♊21'42	
morning rise	-9771 Aug 29 j 19:30	16°♊36'20	
direct	-9771 Sep 03 j 13:26	14°♊38'53	
morning max el	-9771 Sep 13 j 13:53	20°♊40'17	22°56'49
	-9771 Sep 21 j 11:18	0°♋	
desc. node	-9771 Oct 11 j 01:05	28°♋23'44	
	-9771 Oct 12 j 01:34	0°♌	
morning set	-9771 Oct 17 j 14:43	8°♌56'00	
max. Earth dist.	-9771 Oct 22 j 15:49	17°♌23'43	1.40243 AU
	-9771 Oct 29 j 19:29	0°♍	
superior conj	-9771 Oct 30 j 07:33	0°♍54'51	-1°36'49
minimum elong	-9771 Oct 30 j 05:01	0°♍43'20	1°36'21
evening rise	-9771 Nov 08 j 22:47	18°♍58'29	
	-9771 Nov 14 j 20:39	0°♎	
asc. node	-9771 Nov 21 j 13:51	10°♎48'21	
evening max el	-9771 Nov 25 j 04:06	15°♎01'30	18°24'56
retrograde	-9771 Dec 02 j 16:11	18°♎44'03	
evening set	-9771 Dec 05 j 04:32	18°♎20'19	
inferior conj	-9771 Dec 12 j 14:09	13°♎42'06	4°15'04
minimum elong	-9771 Dec 12 j 13:26	13°♎43'35	4°14'59
min. Earth dist.	-9771 Dec 15 j 20:18	11°♎03'30	0.59397 AU
morning rise	-9771 Dec 19 j 20:37	8°♎20'29	
direct	-9771 Dec 26 j 08:18	6°♎31'27	
desc. node	-9770 Jan 07 j 02:23	11°♎49'20	
morning max el	-9770 Jan 09 j 10:15	13°♎55'13	26°41'17
	-9770 Jan 22 j 07:43	0°♏	
	-9770 Feb 07 j 23:25	0°♐	
morning set	-9770 Feb 08 j 06:51	0°♐38'44	
superior conj	-9770 Feb 15 j 07:17	15°♐44'30	-0°21'26
minimum elong	-9770 Feb 15 j 08:12	15°♐49'27	0°21'48
max. Earth dist.	-9770 Feb 15 j 06:55	15°♐42'27	1.32768 AU
asc. node	-9770 Feb 17 j 11:52	20°♐31'16	
	-9770 Feb 21 j 22:10	0°♑	
evening rise	-9770 Feb 22 j 08:58	0°♑56'21	
	-9770 Mar 10 j 10:02	0°♒	
evening max el	-9770 Mar 23 j 12:19	16°♒23'20	26°22'05
desc. node	-9770 Apr 05 j 02:16	23°♒38'28	
retrograde	-9770 Apr 06 j 15:26	23°♒44'28	
evening set	-9770 Apr 12 j 16:06	22°♒12'37	
min. Earth dist.	-9770 Apr 17 j 01:38	19°♒23'54	0.59303 AU
inferior conj	-9770 Apr 20 j 10:05	16°♒46'09	-3°14'46
minimum elong	-9770 Apr 20 j 06:59	16°♒52'17	3°14'44
morning rise	-9770 Apr 28 j 00:36	12°♒11'49	
direct	-9770 Apr 30 j 11:03	11°♒50'32	
morning max el	-9770 May 08 j 01:51	15°♒30'27	18°24'45
asc. node	-9770 May 16 j 11:42	26°♒58'52	
	-9770 May 18 j 05:29	0°♓	
morning set	-9770 May 24 j 04:59	11°♓05'52	
superior conj	-9770 Jun 02 j 15:47	28°♓53'48	1°48'18
minimum elong	-9770 Jun 02 j 14:29	28°♓47'49	1°48'11
	-9770 Jun 03 j 06:15	0°♈	
max. Earth dist.	-9770 Jun 09 j 23:03	11°♈54'27	1.40213 AU
evening rise	-9770 Jun 14 j 16:21	19°♈54'09	
	-9770 Jun 20 j 22:02	0°♉	
desc. node	-9770 Jul 01 j 23:36	16°♉44'18	
	-9770 Jul 11 j 15:47	0°♊	
evening max el	-9770 Jul 19 j 06:28	8°♊50'09	23°17'00
retrograde	-9770 Jul 29 j 12:43	14°♊55'01	
evening set	-9770 Aug 03 j 12:53	12°♊48'04	
inferior conj	-9770 Aug 08 j 18:29	6°♊32'57	-1°11'11
minimum elong	-9770 Aug 08 j 19:57	6°♊27'53	1°10'07
min. Earth dist.	-9770 Aug 08 j 13:01	6°♊51'47	0.67249 AU
asc. node	-9770 Aug 12 j 12:17	1°♊48'32	
morning rise	-9770 Aug 14 j 02:55	0°♊18'49	
	-9770 Aug 14 j 12:58	30°℞♉	
direct	-9770 Aug 18 j 07:56	28°♉40'20	
	-9770 Aug 22 j 10:57	0°♊	
morning max el	-9770 Aug 27 j 05:00	3°♊58'38	21°34'52
	-9770 Sep 15 j 14:46	0°♋	
morning set	-9770 Sep 27 j 08:34	18°♋01'28	
desc. node	-9770 Sep 27 j 21:58	18°♋54'28	
	-9770 Oct 04 j 18:50	0°♌	
max. Earth dist.	-9770 Oct 04 j 19:09	0°♌01'17	1.42115 AU
superior conj	-9770 Oct 12 j 01:25	12°♌15'45	-1°18'46
minimum elong	-9770 Oct 11 j 20:50	11°♌56'03	1°17'52
	-9770 Oct 22 j 00:55	0°♍	
evening rise	-9770 Oct 23 j 02:33	1°♍56'30	
asc. node	-9770 Nov 08 j 11:08	27°♍57'39	
evening max el	-9770 Nov 08 j 13:52	28°♍04'30	18°08'34
	-9770 Nov 10 j 20:18	0°♎	
retrograde	-9770 Nov 15 j 10:52	1°♎36'58	
evening set	-9770 Nov 18 j 00:32	1°♎07'40	
	-9770 Nov 20 j 05:20	30°℞♍	
inferior conj	-9770 Nov 24 j 21:52	26°♍07'34	3°58'36
minimum elong	-9770 Nov 24 j 18:56	26°♍14'27	3°58'19
min. Earth dist.	-9770 Nov 27 j 21:19	23°♍20'59	0.61279 AU
morning rise	-9770 Dec 01 j 12:09	20°♍28'35	
direct	-9770 Dec 08 j 12:24	18°♍07'13	
morning max el	-9770 Dec 22 j 10:56	25°♍36'55	27°25'54
desc. node	-9770 Dec 24 j 23:07	28°♍11'03	
	-9770 Dec 26 j 14:11	0°♎	
	-9769 Jan 15 j 15:12	0°♏	
morning set	-9769 Jan 23 j 14:12	15°♏26'41	
max. Earth dist.	-9769 Jan 29 j 19:39	28°♏40'08	1.32861 AU
	-9769 Jan 30 j 10:21	0°♐	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9769 Jan 30 j 18:49	0°♐46'05	-0°43'42
minimum elong	-9769 Jan 30 j 20:30	0°♐55'20	0°43'51
asc. node	-9769 Feb 04 j 09:02	10°♐44'36	
evening rise	-9769 Feb 06 j 19:21	15°♐54'40	
	-9769 Feb 13 j 21:53	0°♑	
evening max el	-9769 Mar 05 j 08:11	27°♑35'47	25°06'58
	-9769 Mar 08 j 02:07	0°♒	
retrograde	-9769 Mar 19 j 08:22	4°♒41'27	
desc. node	-9769 Mar 22 j 23:25	4°♒10'44	
evening set	-9769 Mar 24 j 07:49	3°♒44'08	
min. Earth dist.	-9769 Mar 29 j 21:16	0°♒45'14	0.57446 AU
	-9769 Mar 31 j 00:19	30°℞♑	
inferior conj	-9769 Apr 01 j 20:14	28°♑44'51	-2°21'21
minimum elong	-9769 Apr 01 j 16:05	28°♑51'57	2°20'52
morning rise	-9769 Apr 10 j 03:32	24°♑29'15	
direct	-9769 Apr 12 j 10:42	24°♑13'26	
morning max el	-9769 Apr 21 j 05:51	28°♑22'26	19°05'16
	-9769 Apr 22 j 19:59	0°♒	
asc. node	-9769 May 03 j 08:33	16°♒08'14	
morning set	-9769 May 07 j 23:50	25°♒03'20	
	-9769 May 10 j 11:56	0°♓	
superior conj	-9769 May 16 j 13:17	11°♓51'11	1°38'24
minimum elong	-9769 May 16 j 10:35	11°♓38'14	1°37'57
max. Earth dist.	-9769 May 22 j 23:45	23°♓53'26	1.38329 AU
	-9769 May 26 j 09:57	0°♈	
evening rise	-9769 May 26 j 23:27	0°♈59'01	
	-9769 Jun 14 j 04:10	0°♉	
desc. node	-9769 Jun 18 j 21:01	6°♉38'20	
evening max el	-9769 Jul 01 j 16:49	22°♉12'25	24°38'07
retrograde	-9769 Jul 13 j 01:59	28°♉54'25	
evening set	-9769 Jul 18 j 17:12	26°♉27'43	
inferior conj	-9769 Jul 23 j 23:55	20°♉11'57	-1°56'27
minimum elong	-9769 Jul 24 j 02:09	20°♉04'28	1°55'19
min. Earth dist.	-9769 Jul 23 j 07:15	21°♉07'56	0.67018 AU
morning rise	-9769 Jul 29 j 11:04	14°♉05'46	
asc. node	-9769 Jul 30 j 09:13	13°♉30'36	
direct	-9769 Aug 02 j 04:58	12°♉44'51	
morning max el	-9769 Aug 10 j 02:31	17°♉23'27	20°21'47
	-9769 Aug 19 j 22:53	0°♊	
morning set	-9769 Sep 06 j 11:06	26°♊27'04	
	-9769 Sep 08 j 17:46	0°♋	
desc. node	-9769 Sep 14 j 18:58	9°♋32'11	
max. Earth dist.	-9769 Sep 17 j 05:26	13°♋25'53	1.43576 AU
superior conj	-9769 Sep 22 j 16:26	22°♋17'49	-0°46'56
minimum elong	-9769 Sep 22 j 11:59	21°♋59'34	0°45'51
	-9769 Sep 27 j 07:41	0°♌	
evening rise	-9769 Oct 05 j 13:55	14°♌06'55	
	-9769 Oct 14 j 21:20	0°♍	
evening max el	-9769 Oct 23 j 02:44	11°♍21'36	18°11'27
asc. node	-9769 Oct 26 j 08:23	13°♍56'38	
retrograde	-9769 Oct 29 j 17:33	14°♍54'40	
evening set	-9769 Nov 01 j 10:04	14°♍18'06	
inferior conj	-9769 Nov 07 j 20:36	8°♍57'59	3°25'02
minimum elong	-9769 Nov 07 j 16:55	9°♍07'42	3°24'27
min. Earth dist.	-9769 Nov 10 j 08:00	6°♍21'35	0.63006 AU
morning rise	-9769 Nov 13 j 22:58	3°♍04'23	
direct	-9769 Nov 21 j 00:22	0°♍23'39	
morning max el	-9769 Dec 04 j 17:22	7°♍57'41	27°35'34
desc. node	-9769 Dec 11 j 19:50	15°♍54'45	
	-9769 Dec 21 j 20:32	0°♎	
morning set	-9768 Jan 07 j 15:46	29°♎54'24	
	-9768 Jan 07 j 16:53	0°♏	
max. Earth dist.	-9768 Jan 13 j 03:58	11°♏19'42	1.33307 AU
superior conj	-9768 Jan 15 j 04:28	15°♏39'19	-1°03'59
minimum elong	-9768 Jan 15 j 06:40	15°♏51'12	1°04'00
	-9768 Jan 21 j 20:44	0°♐	
evening rise	-9768 Jan 22 j 06:44	0°♐52'33	
asc. node	-9768 Jan 22 j 06:15	0°♐50'03	
	-9768 Feb 07 j 17:54	0°♑	
evening max el	-9768 Feb 15 j 01:14	8°♑27'44	23°36'07
retrograde	-9768 Feb 28 j 13:11	15°♑06'05	
evening set	-9768 Mar 03 j 09:27	14°♑33'33	
desc. node	-9768 Mar 08 j 20:30	12°♑11'54	
min. Earth dist.	-9768 Mar 10 j 13:33	11°♑12'39	0.56052 AU
inferior conj	-9768 Mar 12 j 10:51	10°♑04'29	-0°55'37
minimum elong	-9768 Mar 12 j 08:34	10°♑07'55	0°55'29
morning rise	-9768 Mar 21 j 10:17	6°♑01'29	
direct	-9768 Mar 23 j 16:07	5°♑48'44	
morning max el	-9768 Apr 03 j 00:56	10°♑41'20	20°05'35
	-9768 Apr 16 j 06:33	0°♒	
asc. node	-9768 Apr 19 j 05:28	5°♒43'04	
morning set	-9768 Apr 21 j 02:39	9°♒29'13	
superior conj	-9768 Apr 29 j 00:46	25°♒34'12	1°22'08
minimum elong	-9768 Apr 28 j 21:48	25°♒19'23	1°21'24
	-9768 May 01 j 06:20	0°♓	
max. Earth dist.	-9768 May 04 j 03:40	5°♓36'15	1.36586 AU
evening rise	-9768 May 08 j 06:22	13°♓17'37	
	-9768 May 17 j 22:11	0°♈	
desc. node	-9768 Jun 04 j 18:24	26°♈04'01	
	-9768 Jun 07 j 23:22	0°♉	
evening max el	-9768 Jun 13 j 02:39	5°♉36'07	25°51'23
retrograde	-9768 Jun 25 j 11:03	12°♉46'08	
evening set	-9768 Jul 01 j 16:27	10°♉04'26	
min. Earth dist.	-9768 Jul 05 j 21:33	5°♉23'30	0.66438 AU
inferior conj	-9768 Jul 07 j 02:38	3°♉50'15	-2°36'19
minimum elong	-9768 Jul 07 j 05:16	3°♉41'49	2°35'21
	-9768 Jul 10 j 07:44	30°℞♈	
morning rise	-9768 Jul 12 j 18:09	27°♈55'06	
direct	-9768 Jul 16 j 02:56	26°♈49'29	
asc. node	-9768 Jul 16 j 06:08	26°♈49'35	
	-9768 Jul 22 j 08:01	0°♉	
morning max el	-9768 Jul 23 j 06:42	0°♉55'38	19°21'43
	-9768 Aug 12 j 11:47	0°♊	
morning set	-9768 Aug 15 j 18:34	5°♊09'35	
max. Earth dist.	-9768 Aug 29 j 20:32	27°♊20'50	1.44436 AU
desc. node	-9768 Aug 31 j 16:02	0°♋13'24	
	-9768 Aug 31 j 12:39	0°♋	
superior conj	-9768 Sep 01 j 05:04	1°♋05'15	-0°03'19
minimum elong	-9768 Sep 01 j 04:44	1°♋03'53	0°02'43
behind sun begin	-9768 Aug 31 j 17:36	0°♋19'39	
behind sun end	-9768 Sep 01 j 15:51	1°♋48'10	
evening rise	-9768 Sep 16 j 03:31	25°♋16'50	
	-9768 Sep 19 j 00:08	0°♌	
evening max el	-9768 Oct 05 j 15:53	24°♌46'50	18°32'37
retrograde	-9768 Oct 12 j 08:02	28°♌29'19	
asc. node	-9768 Oct 12 j 05:37	28°♌29'16	
evening set	-9768 Oct 15 j 05:30	27°♌43'04	
inferior conj	-9768 Oct 21 j 06:50	22°♌06'05	2°41'13
minimum elong	-9768 Oct 21 j 03:28	22°♌15'55	2°40'34
min. Earth dist.	-9768 Oct 23 j 04:55	19°♌52'02	0.64467 AU
morning rise	-9768 Oct 27 j 00:50	16°♌00'47	
direct	-9768 Nov 02 j 19:26	13°♌14'24	
morning max el	-9768 Nov 16 j 02:57	20°♌47'55	27°11'29
	-9768 Nov 24 j 05:00	0°♍	
desc. node	-9768 Nov 27 j 16:33	4°♍36'09	
	-9768 Dec 13 j 21:18	0°♎	
morning set	-9768 Dec 21 j 08:34	13°♎51'11	
max. Earth dist.	-9768 Dec 26 j 03:52	23°♎28'27	1.34157 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9768 Dec 29 j 10:17	0°♏16'47	-1°21'22
minimum elong	-9768 Dec 29 j 12:35	0°♏28'57	1°21'19
	-9768 Dec 29 j 07:06	0°♏	
evening rise	-9767 Jan 05 j 17:20	15°♏42'55	
asc. node	-9767 Jan 08 j 03:31	20°♏41'51	
	-9767 Jan 12 j 23:34	0°♐	
evening max el	-9767 Jan 26 j 20:47	19°♐22'29	22°02'57
retrograde	-9767 Feb 08 j 07:07	25°♐18'42	
evening set	-9767 Feb 11 j 07:04	24°♐58'46	
inferior conj	-9767 Feb 20 j 10:58	20°♐53'00	0°51'28
minimum elong	-9767 Feb 20 j 13:13	20°♐49'49	0°50'11
min. Earth dist.	-9767 Feb 20 j 04:28	21°♐02'15	0.55406 AU
desc. node	-9767 Feb 23 j 17:30	19°♐04'50	
morning rise	-9767 Mar 01 j 19:58	16°♐48'51	
direct	-9767 Mar 04 j 08:18	16°♐34'30	
morning max el	-9767 Mar 16 j 09:04	22°♐19'33	21°24'27
	-9767 Mar 22 j 21:09	0°♑	
morning set	-9767 Apr 05 j 10:43	24°♑14'50	
asc. node	-9767 Apr 06 j 02:25	25°♑35'52	
	-9767 Apr 08 j 05:08	0°♒	
superior conj	-9767 Apr 12 j 22:07	9°♒49'53	1°01'52
minimum elong	-9767 Apr 12 j 19:36	9°♒36'55	1°00'59
max. Earth dist.	-9767 Apr 16 j 16:05	17°♒29'01	1.35135 AU
evening rise	-9767 Apr 21 j 07:19	26°♒33'18	
	-9767 Apr 23 j 03:13	0°♓	
	-9767 May 11 j 06:30	0°♈	
desc. node	-9767 May 22 j 15:47	14°♈49'33	
evening max el	-9767 May 26 j 13:16	18°♈57'19	26°48'20
retrograde	-9767 Jun 08 j 15:20	26°♈23'36	
evening set	-9767 Jun 15 j 08:13	23°♈35'33	
min. Earth dist.	-9767 Jun 19 j 05:45	19°♈33'21	0.65476 AU
inferior conj	-9767 Jun 21 j 00:33	17°♈25'16	-3°08'57
minimum elong	-9767 Jun 21 j 03:06	17°♈17'39	3°08'20
morning rise	-9767 Jun 26 j 22:15	11°♈43'53	
direct	-9767 Jun 29 j 23:55	10°♈51'09	
asc. node	-9767 Jul 03 j 03:01	11°♈43'41	
morning max el	-9767 Jul 06 j 16:17	14°♈33'18	18°37'13
	-9767 Jul 17 j 18:58	0°♉	
morning set	-9767 Jul 26 j 23:12	14°♉52'01	
	-9767 Aug 05 j 08:19	0°♊	
superior conj	-9767 Aug 11 j 04:46	9°♊18'25	0°43'22
minimum elong	-9767 Aug 11 j 09:52	9°♊38'37	0°43'17
max. Earth dist.	-9767 Aug 12 j 13:15	11°♊27'00	1.44601 AU
desc. node	-9767 Aug 18 j 13:10	20°♊55'06	
	-9767 Aug 24 j 07:12	0°♋	
evening rise	-9767 Aug 27 j 14:44	5°♋14'37	
	-9767 Sep 12 j 13:58	0°♌	
evening max el	-9767 Sep 19 j 02:35	8°♌15'34	19°10'57
retrograde	-9767 Sep 26 j 02:56	12°♌15'49	
evening set	-9767 Sep 29 j 07:42	11°♌16'48	
asc. node	-9767 Sep 29 j 02:48	11°♌24'04	
inferior conj	-9767 Oct 05 j 01:30	5°♌26'08	1°51'46
minimum elong	-9767 Oct 04 j 23:00	5°♌33'59	1°51'21
min. Earth dist.	-9767 Oct 06 j 10:50	3°♌41'29	0.65618 AU
	-9767 Oct 09 j 17:16	30°℞♋	
morning rise	-9767 Oct 10 j 13:55	29°♋12'38	
direct	-9767 Oct 16 j 20:51	26°♋32'07	
	-9767 Oct 25 j 02:33	0°♌	
morning max el	-9767 Oct 29 j 12:59	3°♌54'54	26°19'31
desc. node	-9767 Nov 14 j 13:17	23°♌58'33	
	-9767 Nov 18 j 14:03	0°♍	
morning set	-9767 Dec 04 j 12:46	27°♍05'26	
	-9767 Dec 06 j 01:47	0°♎	
max. Earth dist.	-9767 Dec 08 j 16:44	5°♎03'55	1.35447 AU

superior conj	-9767 Dec 13 j 09:58	14°♎31'20	-1°34'34
minimum elong	-9767 Dec 13 j 11:49	14°♎40'50	1°34'31
	-9767 Dec 20 j 21:30	0°♏	
evening rise	-9767 Dec 21 j 01:29	0°♏20'28	
asc. node	-9767 Dec 26 j 00:47	10°♏14'08	
	-9766 Jan 08 j 06:48	0°♐	
evening max el	-9766 Jan 09 j 00:00	0°♐41'38	20°38'55
retrograde	-9766 Jan 19 j 21:25	5°♐48'33	
evening set	-9766 Jan 22 j 12:13	5°♐32'03	
inferior conj	-9766 Jan 31 j 08:26	1°♐33'41	2°32'58
minimum elong	-9766 Jan 31 j 13:58	1°♐25'35	2°30'59
min. Earth dist.	-9766 Feb 01 j 18:34	0°♐43'42	0.55654 AU
	-9766 Feb 03 j 01:08	30°℞♏	
morning rise	-9766 Feb 09 j 14:11	27°♏12'40	
desc. node	-9766 Feb 10 j 14:27	26°♏59'58	
direct	-9766 Feb 12 j 23:32	26°♏47'24	
	-9766 Feb 22 j 05:18	0°♐	
morning max el	-9766 Feb 26 j 06:34	3°♐19'30	22°57'19
	-9766 Mar 16 j 08:24	0°♑	
morning set	-9766 Mar 20 j 21:55	9°♑13'04	
asc. node	-9766 Mar 23 j 23:24	15°♑41'09	
superior conj	-9766 Mar 28 j 02:14	24°♑28'27	0°39'18
minimum elong	-9766 Mar 28 j 00:35	24°♑19'37	0°38'26
max. Earth dist.	-9766 Mar 30 j 14:48	29°♑47'35	1.34037 AU
	-9766 Mar 30 j 17:11	0°♒	
evening rise	-9766 Apr 04 j 21:15	10°♒30'32	
	-9766 Apr 15 j 12:29	0°♓	
	-9766 May 06 j 22:20	0°♈	
evening max el	-9766 May 09 j 00:07	2°♈06'37	27°21'08
desc. node	-9766 May 09 j 13:08	2°♈37'52	
retrograde	-9766 May 22 j 14:02	9°♈38'24	
evening set	-9766 May 29 j 13:29	6°♈55'56	
min. Earth dist.	-9766 Jun 02 j 05:53	3°♈28'42	0.64123 AU
inferior conj	-9766 Jun 04 j 15:12	0°♈52'19	-3°31'48
minimum elong	-9766 Jun 04 j 16:59	0°♈47'24	3°31'40
	-9766 Jun 05 j 10:27	30°℞♓	
morning rise	-9766 Jun 10 j 21:07	25°♓27'20	
direct	-9766 Jun 13 j 17:26	24°♓45'15	
asc. node	-9766 Jun 19 j 23:51	27°♓59'05	
morning max el	-9766 Jun 20 j 05:16	28°♓12'28	18°09'54
	-9766 Jun 21 j 20:37	0°♈	
morning set	-9766 Jul 08 j 05:34	25°♈46'31	
	-9766 Jul 10 j 17:19	0°♉	
superior conj	-9766 Jul 21 j 13:52	18°♉00'28	1°21'03
minimum elong	-9766 Jul 21 j 20:15	18°♉26'21	1°20'52
max. Earth dist.	-9766 Jul 26 j 04:59	25°♉27'40	1.44067 AU
	-9766 Jul 29 j 01:30	0°♊	
desc. node	-9766 Aug 05 j 10:22	11°♊33'40	
evening rise	-9766 Aug 07 j 01:16	14°♊04'47	
	-9766 Aug 17 j 10:07	0°♋	
greatest brilliancy	-9766 Aug 20 j 00:26	3°♋54'18	-0.6m
evening max el	-9766 Sep 02 j 08:24	21°♋43'19	20°05'00
retrograde	-9766 Sep 09 j 23:32	26°♋09'45	
evening set	-9766 Sep 13 j 13:58	24°♋54'36	
asc. node	-9766 Sep 15 j 23:56	22°♋43'17	
inferior conj	-9766 Sep 19 j 01:59	18°♋53'21	0°59'45
minimum elong	-9766 Sep 19 j 00:37	18°♋57'53	0°59'46
min. Earth dist.	-9766 Sep 19 j 23:38	17°♋41'35	0.66457 AU
morning rise	-9766 Sep 24 j 11:01	12°♋35'12	
direct	-9766 Sep 30 j 03:47	10°♋08'37	
morning max el	-9766 Oct 11 j 22:22	17°♋07'44	25°07'51
	-9766 Oct 22 j 17:29	0°♌	
desc. node	-9766 Nov 01 j 10:02	13°♌49'22	
	-9766 Nov 11 j 13:27	0°♍	
morning set	-9766 Nov 16 j 23:25	9°♍22'29	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9766 Nov 20 j 19:27	16°♍20'52	1.37142 AU
superior conj	-9766 Nov 27 j 00:28	28°♍13'33	-1°42'01
minimum elong	-9766 Nov 27 j 01:11	28°♍17'01	1°41'56
	-9766 Nov 27 j 22:03	0°♎	
evening rise	-9766 Dec 05 j 05:11	14°♎39'11	
asc. node	-9766 Dec 12 j 22:04	29°♎19'48	
	-9766 Dec 13 j 07:22	0°♏	
evening max el	-9766 Dec 22 j 13:16	12°♏34'30	19°31'17
retrograde	-9766 Dec 31 j 20:44	16°♏58'27	
evening set	-9765 Jan 03 j 09:15	16°♏40'34	
inferior conj	-9765 Jan 11 j 16:24	12°♏32'58	3°42'49
minimum elong	-9765 Jan 11 j 21:01	12°♏25'26	3°41'42
min. Earth dist.	-9765 Jan 14 j 08:12	10°♏49'28	0.56714 AU
morning rise	-9765 Jan 20 j 06:35	7°♏47'14	
direct	-9765 Jan 24 j 23:25	6°♏57'08	
desc. node	-9765 Jan 28 j 11:19	7°♏25'23	
morning max el	-9765 Feb 07 j 21:47	13°♏59'23	24°34'31
	-9765 Feb 20 j 09:31	0°♐	
morning set	-9765 Mar 05 j 10:22	24°♐17'47	
	-9765 Mar 08 j 02:46	0°♑	
asc. node	-9765 Mar 10 j 20:24	5°♑54'30	
superior conj	-9765 Mar 12 j 10:48	9°♑22'22	0°15'41
minimum elong	-9765 Mar 12 j 10:09	9°♑18'50	0°14'58
behind sun begin	-9765 Mar 12 j 08:34	9°♑10'14	
behind sun end	-9765 Mar 12 j 11:45	9°♑27'26	
max. Earth dist.	-9765 Mar 13 j 22:05	12°♑32'26	1.33285 AU
evening rise	-9765 Mar 19 j 20:18	24°♑57'03	
	-9765 Mar 22 j 09:09	0°♒	
	-9765 Apr 09 j 02:36	0°♓	
evening max el	-9765 Apr 21 j 09:02	14°♓51'55	27°23'46
desc. node	-9765 Apr 26 j 10:26	19°♓05'32	
retrograde	-9765 May 05 j 06:17	22°♓22'35	
evening set	-9765 May 12 j 04:55	19°♓59'01	
min. Earth dist.	-9765 May 15 j 20:45	16°♓57'58	0.62414 AU
inferior conj	-9765 May 18 j 19:36	14°♓05'40	-3°41'09
minimum elong	-9765 May 18 j 19:53	14°♓05'00	3°41'21
morning rise	-9765 May 25 j 12:07	8°♓59'29	
direct	-9765 May 28 j 04:21	8°♓26'22	
morning max el	-9765 Jun 03 j 19:18	11°♓48'44	18°00'48
asc. node	-9765 Jun 06 j 20:40	15°♓20'19	
	-9765 Jun 16 j 01:36	0°♈	
morning set	-9765 Jun 20 j 10:54	7°♈47'05	
superior conj	-9765 Jul 01 j 23:52	27°♈56'32	1°43'05
minimum elong	-9765 Jul 02 j 03:25	28°♈11'34	1°43'07
	-9765 Jul 03 j 05:06	0°♉	
max. Earth dist.	-9765 Jul 08 j 17:10	9°♉06'56	1.42906 AU
evening rise	-9765 Jul 17 j 02:10	22°♉29'12	
	-9765 Jul 21 j 22:37	0°♊	
desc. node	-9765 Jul 23 j 07:37	2°♊06'08	
	-9765 Aug 11 j 20:05	0°♋	
evening max el	-9765 Aug 16 j 07:43	5°♋08'13	21°12'29
retrograde	-9765 Aug 24 j 19:56	10°♋09'11	
evening set	-9765 Aug 28 j 22:10	8°♋34'58	
asc. node	-9765 Sep 02 j 21:00	2°♋57'20	
inferior conj	-9765 Sep 03 j 06:11	2°♋25'57	0°07'29
minimum elong	-9765 Sep 03 j 06:00	2°♋26'34	0°08'00
transit middle	-9765 Sep 03 j 06:00	2°♋26'34	0°08'00
transit begin	-9765 Sep 03 j 03:38	2°♋34'41	
transit end	-9765 Sep 03 j 08:23	2°♋18'28	
min. Earth dist.	-9765 Sep 03 j 17:03	1°♋48'46	0.66996 AU
	-9765 Sep 05 j 01:27	30°℞♊	
morning rise	-9765 Sep 08 j 13:42	26°♊06'40	
direct	-9765 Sep 13 j 15:46	23°♊58'18	
	-9765 Sep 23 j 23:12	0°♋	
morning max el	-9765 Sep 24 j 08:09	0°♋22'29	23°45'30
	-9765 Oct 16 j 16:05	0°♌	
desc. node	-9765 Oct 19 j 06:48	4°♌00'19	
morning set	-9765 Oct 29 j 10:56	20°♌28'12	
max. Earth dist.	-9765 Nov 02 j 17:36	27°♌50'54	1.39100 AU
	-9765 Nov 03 j 22:48	0°♍	
superior conj	-9765 Nov 10 j 01:50	11°♍12'01	-1°41'37
minimum elong	-9765 Nov 10 j 00:38	11°♍06'23	1°41'21
evening rise	-9765 Nov 19 j 02:07	28°♍32'54	
	-9765 Nov 19 j 20:04	0°♎	
asc. node	-9765 Nov 29 j 19:22	17°♎49'51	
evening max el	-9765 Dec 05 j 12:13	24°♎59'49	18°43'14
retrograde	-9765 Dec 13 j 13:21	28°♎53'54	
evening set	-9765 Dec 16 j 01:27	28°♎32'41	
inferior conj	-9765 Dec 23 j 18:38	24°♎06'20	4°13'08
minimum elong	-9765 Dec 23 j 19:50	24°♎04'06	4°12'55
min. Earth dist.	-9765 Dec 26 j 23:40	21°♎42'27	0.58334 AU
morning rise	-9765 Dec 31 j 12:16	18°♎56'30	
direct	-9764 Jan 06 j 10:55	17°♎30'01	
desc. node	-9764 Jan 15 j 08:08	20°♎32'57	
morning max el	-9764 Jan 20 j 13:34	24°♎47'57	26°01'40
	-9764 Jan 25 j 09:10	0°♏	
	-9764 Feb 13 j 07:25	0°♐	
morning set	-9764 Feb 17 j 22:19	9°♐21'43	
superior conj	-9764 Feb 24 j 21:51	24°♐24'12	-0°08'04
minimum elong	-9764 Feb 24 j 22:13	24°♐26'12	0°08'34
behind sun begin	-9764 Feb 24 j 17:59	24°♐03'06	
behind sun end	-9764 Feb 25 j 02:27	24°♐49'18	
max. Earth dist.	-9764 Feb 25 j 10:22	25°♐32'29	1.32863 AU
asc. node	-9764 Feb 25 j 17:28	26°♐11'09	
	-9764 Feb 27 j 11:38	0°♑	
evening rise	-9764 Mar 03 j 01:29	9°♑42'01	
	-9764 Mar 13 j 17:59	0°♒	
evening max el	-9764 Apr 02 j 13:22	27°♒01'15	26°53'34
	-9764 Apr 05 j 23:18	0°♓	
desc. node	-9764 Apr 12 j 07:43	3°♓40'18	
retrograde	-9764 Apr 16 j 15:01	4°♓27'24	
evening set	-9764 Apr 23 j 02:58	2°♓34'26	
	-9764 Apr 26 j 19:31	30°℞♒	
min. Earth dist.	-9764 Apr 27 j 02:28	29°♒45'57	0.60457 AU
inferior conj	-9764 Apr 30 j 10:15	26°♒56'17	-3°31'33
minimum elong	-9764 Apr 30 j 08:23	27°♒00'18	3°31'45
morning rise	-9764 May 07 j 16:01	22°♒10'35	
direct	-9764 May 10 j 04:39	21°♒45'17	
morning max el	-9764 May 17 j 07:43	25°♒14'36	18°10'32
	-9764 May 21 j 08:12	0°♓	
asc. node	-9764 May 23 j 17:28	3°♓32'10	
morning set	-9764 Jun 02 j 10:13	20°♓40'58	
	-9764 Jun 07 j 10:44	0°♈	
superior conj	-9764 Jun 12 j 12:44	9°♈12'59	1°49'55
minimum elong	-9764 Jun 12 j 12:52	9°♈13'35	1°49'56
max. Earth dist.	-9764 Jun 19 j 23:22	22°♈07'17	1.41270 AU
	-9764 Jun 24 j 17:30	0°♉	
evening rise	-9764 Jun 25 j 15:31	1°♉29'19	
desc. node	-9764 Jul 09 j 04:57	22°♉28'07	
	-9764 Jul 14 j 09:39	0°♊	
evening max el	-9764 Jul 29 j 00:17	18°♊29'45	22°29'58
retrograde	-9764 Aug 07 j 14:33	24°♊11'23	
evening set	-9764 Aug 12 j 06:23	22°♊16'19	
inferior conj	-9764 Aug 17 j 12:16	16°♊02'28	-0°43'15
minimum elong	-9764 Aug 17 j 13:11	15°♊59'17	0°42'21
min. Earth dist.	-9764 Aug 17 j 12:46	16°♊00'46	0.67237 AU
asc. node	-9764 Aug 19 j 18:01	13°♊01'49	
morning rise	-9764 Aug 22 j 19:55	9°♊45'27	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9764 Aug 27 j 08:03	7°♊56'27	
morning max el	-9764 Sep 05 j 20:42	13°♊39'25	22°21'17
	-9764 Sep 18 j 19:48	0°♋	
desc. node	-9764 Oct 05 j 03:39	24°♋25'29	
morning set	-9764 Oct 08 j 19:35	0°♌15'50	
	-9764 Oct 08 j 15:40	0°♌	
max. Earth dist.	-9764 Oct 14 j 17:50	10°♌01'08	1.41074 AU
superior conj	-9764 Oct 22 j 08:55	23°♌13'11	-1°30'47
minimum elong	-9764 Oct 22 j 05:25	22°♌57'34	1°30'08
	-9764 Oct 26 j 03:07	0°♍	
evening rise	-9764 Nov 01 j 13:18	11°♍54'31	
	-9764 Nov 11 j 17:56	0°♎	
asc. node	-9764 Nov 15 j 16:41	5°♎33'04	
evening max el	-9764 Nov 17 j 18:49	7°♎51'44	18°15'30
retrograde	-9764 Nov 24 j 23:33	11°♎29'01	
evening set	-9764 Nov 27 j 12:09	11°♎03'13	
inferior conj	-9764 Dec 04 j 16:22	6°♎15'28	4°10'45
minimum elong	-9764 Dec 04 j 14:31	6°♎19'30	4°10'37
min. Earth dist.	-9764 Dec 07 j 20:36	3°♎30'50	0.60200 AU
morning rise	-9764 Dec 11 j 15:22	0°♎45'43	
	-9764 Dec 13 j 01:01	30°℞♍	
direct	-9764 Dec 18 j 09:40	28°♍41'47	
	-9764 Dec 23 j 23:15	0°♎	
desc. node	-9763 Jan 01 j 04:53	5°♎54'30	
morning max el	-9763 Jan 01 j 10:52	6°♎08'48	27°04'27
	-9763 Jan 19 j 08:35	0°♏	
morning set	-9763 Feb 01 j 07:56	24°♏18'09	
	-9763 Feb 04 j 00:50	0°♐	
superior conj	-9763 Feb 08 j 09:42	9°♐28'03	-0°31'05
minimum elong	-9763 Feb 08 j 10:58	9°♐34'59	0°31'21
max. Earth dist.	-9763 Feb 07 j 23:59	8°♐35'01	1.32764 AU
asc. node	-9763 Feb 11 j 14:37	16°♐27'11	
evening rise	-9763 Feb 15 j 10:33	24°♐37'39	
	-9763 Feb 18 j 01:21	0°♑	
	-9763 Mar 07 j 23:59	0°♒	
evening max el	-9763 Mar 15 j 11:58	8°♒32'04	25°52'45
retrograde	-9763 Mar 29 j 14:48	15°♒48'36	
desc. node	-9763 Mar 30 j 04:55	15°♒47'45	
evening set	-9763 Apr 04 j 05:32	14°♒31'53	
min. Earth dist.	-9763 Apr 09 j 01:05	11°♒40'25	0.58475 AU
inferior conj	-9763 Apr 12 j 07:35	9°♒15'49	-2°56'03
minimum elong	-9763 Apr 12 j 03:47	9°♒22'53	2°55'50
morning rise	-9763 Apr 20 j 05:08	4°♒50'15	
direct	-9763 Apr 22 j 14:03	4°♒31'36	
morning max el	-9763 Apr 30 j 15:42	8°♒21'56	18°39'38
asc. node	-9763 May 10 j 14:18	22°♒23'09	
	-9763 May 14 j 17:21	0°♓	
morning set	-9763 May 16 j 23:01	4°♓17'31	
superior conj	-9763 May 25 j 23:55	21°♓37'46	1°45'04
minimum elong	-9763 May 25 j 21:52	21°♓28'07	1°44'49
	-9763 May 30 j 13:13	0°♈	
max. Earth dist.	-9763 Jun 02 j 00:19	4°♈23'18	1.39401 AU
evening rise	-9763 Jun 06 j 06:50	11°♈46'14	
	-9763 Jun 17 j 14:06	0°♉	
desc. node	-9763 Jun 26 j 02:21	12°♉34'11	
	-9763 Jul 09 j 17:41	0°♊	
evening max el	-9763 Jul 11 j 11:57	1°♊50'21	23°51'58
retrograde	-9763 Jul 22 j 06:11	8°♊12'40	
evening set	-9763 Jul 27 j 12:40	5°♊56'55	
inferior conj	-9763 Aug 01 j 18:27	29°♉40'57	-1°30'57
minimum elong	-9763 Aug 01 j 20:16	29°♉34'43	1°29'50
min. Earth dist.	-9763 Aug 01 j 08:18	0°♊15'40	0.67181 AU
	-9763 Aug 01 j 12:53	30°℞♉	
asc. node	-9763 Aug 06 j 14:58	23°♉55'45	
morning rise	-9763 Aug 07 j 03:50	23°♉29'42	
direct	-9763 Aug 11 j 03:46	21°♉59'04	
morning max el	-9763 Aug 19 j 14:28	27°♉00'24	21°02'26
	-9763 Aug 22 j 07:02	0°♊	
	-9763 Sep 12 j 09:34	0°♋	
morning set	-9763 Sep 18 j 04:53	8°♋58'33	
desc. node	-9763 Sep 22 j 00:34	14°♋59'39	
max. Earth dist.	-9763 Sep 26 j 23:48	22°♋58'41	1.42793 AU
	-9763 Oct 01 j 06:13	0°♌	
superior conj	-9763 Oct 03 j 15:52	4°♌01'41	-1°06'59
minimum elong	-9763 Oct 03 j 10:57	3°♌40'53	1°05'56
evening rise	-9763 Oct 15 j 10:46	24°♌33'58	
	-9763 Oct 18 j 11:59	0°♍	
evening max el	-9763 Nov 01 j 06:19	21°♍01'53	18°07'29
asc. node	-9763 Nov 02 j 13:59	22°♍14'44	
retrograde	-9763 Nov 07 j 23:48	24°♍33'27	
evening set	-9763 Nov 10 j 14:22	24°♍01'27	
inferior conj	-9763 Nov 17 j 06:58	18°♍52'50	3°45'59
minimum elong	-9763 Nov 17 j 03:33	19°♍01'16	3°45'33
min. Earth dist.	-9763 Nov 20 j 01:48	16°♍08'19	0.62042 AU
morning rise	-9763 Nov 23 j 15:40	13°♍07'07	
direct	-9763 Nov 30 j 17:38	10°♍35'25	
morning max el	-9763 Dec 14 j 14:17	18°♍08'08	27°34'11
desc. node	-9763 Dec 19 j 01:36	22°♍54'34	
	-9763 Dec 24 j 16:30	0°♎	
	-9762 Jan 12 j 00:08	0°♏	
morning set	-9762 Jan 16 j 13:08	8°♏58'33	
max. Earth dist.	-9762 Jan 22 j 11:06	21°♏25'25	1.33004 AU
superior conj	-9762 Jan 23 j 20:39	24°♏26'55	-0°52'37
minimum elong	-9762 Jan 23 j 22:37	24°♏37'32	0°52'41
	-9762 Jan 26 j 10:00	0°♐	
asc. node	-9762 Jan 29 j 11:50	6°♐37'45	
evening rise	-9762 Jan 30 j 21:34	9°♐36'16	
	-9762 Feb 10 j 13:34	0°♑	
evening max el	-9762 Feb 25 j 06:07	19°♑33'08	24°29'27
retrograde	-9762 Mar 11 j 03:03	26°♑29'18	
evening set	-9762 Mar 15 j 14:16	25°♑44'18	
desc. node	-9762 Mar 17 j 02:02	25°♑10'29	
min. Earth dist.	-9762 Mar 21 j 19:20	22°♑37'08	0.56773 AU
inferior conj	-9762 Mar 24 j 09:13	20°♑57'42	-1°48'42
minimum elong	-9762 Mar 24 j 05:25	21°♑03'50	1°48'11
morning rise	-9762 Apr 01 j 23:42	16°♑48'26	
direct	-9762 Apr 04 j 05:34	16°♑34'26	
morning max el	-9762 Apr 13 j 16:14	21°♑00'56	19°28'33
	-9762 Apr 20 j 19:00	0°♒	
asc. node	-9762 Apr 27 j 11:12	11°♒44'11	
morning set	-9762 Apr 30 j 21:36	18°♒27'46	
	-9762 May 06 j 15:58	0°♓	
superior conj	-9762 May 09 j 03:54	4°♓55'56	1°32'07
minimum elong	-9762 May 09 j 00:59	4°♓41'38	1°31'32
max. Earth dist.	-9762 May 15 j 01:15	16°♓10'29	1.37555 AU
evening rise	-9762 May 19 j 00:46	23°♓24'31	
	-9762 May 22 j 19:28	0°♈	
	-9762 Jun 11 j 07:02	0°♉	
desc. node	-9762 Jun 12 j 23:45	2°♉17'23	
evening max el	-9762 Jun 23 j 21:51	15°♉13'38	25°10'55
retrograde	-9762 Jul 05 j 17:48	22°♉09'16	
evening set	-9762 Jul 11 j 15:05	19°♉35'40	
min. Earth dist.	-9762 Jul 16 j 01:16	14°♉31'56	0.66807 AU
inferior conj	-9762 Jul 16 j 22:58	13°♉20'14	-2°14'08
minimum elong	-9762 Jul 17 j 01:25	13°♉12'08	2°13'03
morning rise	-9762 Jul 22 j 11:43	7°♉18'05	
asc. node	-9762 Jul 24 j 11:52	6°♉17'59	
direct	-9762 Jul 26 j 01:29	6°♉03'53	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9762 Aug 02 j 14:46	10°♉28'02	19°54'28
	-9762 Aug 16 j 23:43	0°♊	
morning set	-9762 Aug 28 j 06:54	17°♊24'02	
	-9762 Sep 05 j 07:56	0°♋	
desc. node	-9762 Sep 08 j 21:35	5°♋39'23	
max. Earth dist.	-9762 Sep 09 j 12:04	6°♋37'01	1.44021 AU
superior conj	-9762 Sep 13 j 19:05	13°♋30'25	-0°29'33
minimum elong	-9762 Sep 13 j 15:54	13°♋17'33	0°28'35
	-9762 Sep 23 j 19:26	0°♌	
evening rise	-9762 Sep 27 j 13:33	6°♌20'11	
	-9762 Oct 12 j 04:21	0°♍	
evening max el	-9762 Oct 15 j 19:44	4°♍23'42	18°18'17
asc. node	-9762 Oct 20 j 11:13	7°♍39'08	
retrograde	-9762 Oct 22 j 10:07	7°♍59'19	
evening set	-9762 Oct 25 j 04:33	7°♍18'55	
inferior conj	-9762 Oct 31 j 10:59	1°♍51'29	3°07'21
minimum elong	-9762 Oct 31 j 07:20	2°♍01'32	3°06'42
	-9762 Nov 02 j 03:18	30°℞♌	
min. Earth dist.	-9762 Nov 02 j 16:48	29°♌23'23	0.63674 AU
morning rise	-9762 Nov 06 j 09:26	25°♌52'44	
direct	-9762 Nov 13 j 08:57	23°♌07'46	
	-9762 Nov 26 j 04:38	0°♍	
morning max el	-9762 Nov 26 j 22:08	0°♍42'01	27°28'59
desc. node	-9762 Dec 05 j 22:20	11°♍05'16	
	-9762 Dec 18 j 16:34	0°♎	
morning set	-9762 Dec 31 j 11:22	23°♎14'10	
	-9761 Jan 03 j 19:31	0°♏	
max. Earth dist.	-9761 Jan 05 j 16:04	3°♏51'59	1.33623 AU
superior conj	-9761 Jan 08 j 04:57	9°♏14'27	-1°11'47
minimum elong	-9761 Jan 08 j 07:15	9°♏26'47	1°11'46
evening rise	-9761 Jan 15 j 08:49	24°♏31'42	
asc. node	-9761 Jan 16 j 09:05	26°♏38'03	
	-9761 Jan 18 j 00:35	0°♐	
	-9761 Feb 06 j 13:45	0°♑	
evening max el	-9761 Feb 06 j 23:42	0°♑23'46	22°55'56
retrograde	-9761 Feb 20 j 02:15	6°♑44'55	
evening set	-9761 Feb 23 j 12:36	6°♑19'14	
min. Earth dist.	-9761 Mar 03 j 10:58	2°♑45'13	0.55676 AU
desc. node	-9761 Mar 03 j 23:06	2°♑27'37	
inferior conj	-9761 Mar 04 j 16:35	2°♑02'09	-0°11'26
minimum elong	-9761 Mar 04 j 16:03	2°♑02'54	0°11'50
transit middle	-9761 Mar 04 j 16:03	2°♑02'54	0°11'50
transit begin	-9761 Mar 04 j 13:22	2°♑06'49	
transit end	-9761 Mar 04 j 18:45	1°♑58'59	
	-9761 Mar 08 j 08:35	30°℞♐	
morning rise	-9761 Mar 13 j 21:15	28°♐00'18	
direct	-9761 Mar 16 j 04:38	27°♐47'31	
	-9761 Mar 23 j 09:22	0°♑	
morning max el	-9761 Mar 27 j 06:40	3°♑02'19	20°37'02
	-9761 Apr 13 j 14:47	0°♒	
asc. node	-9761 Apr 14 j 08:07	1°♒27'22	
morning set	-9761 Apr 15 j 02:56	3°♒02'55	
superior conj	-9761 Apr 22 j 19:58	18°♒53'43	1°13'54
minimum elong	-9761 Apr 22 j 17:08	18°♒39'19	1°13'05
max. Earth dist.	-9761 Apr 27 j 08:34	27°♒55'40	1.35929 AU
	-9761 Apr 28 j 10:10	0°♓	
evening rise	-9761 May 01 j 16:02	6°♓09'22	
	-9761 May 15 j 14:14	0°♈	
desc. node	-9761 May 30 j 21:09	21°♈27'37	
evening max el	-9761 Jun 06 j 08:10	28°♈37'41	26°18'14
	-9761 Jun 07 j 18:46	0°♉	
retrograde	-9761 Jun 19 j 00:41	5°♉55'18	
evening set	-9761 Jun 25 j 11:25	3°♉09'54	
	-9761 Jun 28 j 12:34	30°℞♈	
min. Earth dist.	-9761 Jun 29 j 13:12	28°♈45'33	0.66076 AU
inferior conj	-9761 Jun 30 j 23:53	26°♈57'19	-2°51'12
minimum elong	-9761 Jul 01 j 02:32	26°♈49'00	2°50'22
morning rise	-9761 Jul 06 j 17:46	21°♈07'34	
direct	-9761 Jul 09 j 23:24	20°♈07'31	
asc. node	-9761 Jul 11 j 08:45	20°♈18'15	
morning max el	-9761 Jul 16 j 21:20	24°♈02'08	19°00'46
	-9761 Jul 21 j 18:37	0°♉	
morning set	-9761 Aug 07 j 22:01	26°♉28'21	
	-9761 Aug 10 j 03:15	0°♊	
max. Earth dist.	-9761 Aug 23 j 04:31	20°♊39'51	1.44597 AU
superior conj	-9761 Aug 23 j 23:37	21°♊55'23	0°16'52
minimum elong	-9761 Aug 24 j 01:47	22°♊03'58	0°17'09
desc. node	-9761 Aug 26 j 18:41	26°♊20'55	
	-9761 Aug 29 j 01:51	0°♋	
evening rise	-9761 Sep 08 j 16:11	16°♋59'50	
	-9761 Sep 16 j 17:19	0°♌	
evening max el	-9761 Sep 29 j 08:10	17°♌51'00	18°46'56
retrograde	-9761 Oct 06 j 02:49	21°♌39'43	
asc. node	-9761 Oct 07 j 08:24	21°♌31'06	
evening set	-9761 Oct 09 j 03:13	20°♌48'14	
inferior conj	-9761 Oct 15 j 01:07	15°♌04'56	2°20'42
minimum elong	-9761 Oct 14 j 22:04	15°♌14'08	2°20'08
min. Earth dist.	-9761 Oct 16 j 17:34	13°♌03'06	0.64998 AU
morning rise	-9761 Oct 20 j 16:28	8°♌55'59	
direct	-9761 Oct 27 j 06:35	6°♌11'07	
morning max el	-9761 Nov 09 j 08:05	13°♌40'36	26°52'25
desc. node	-9761 Nov 22 j 19:04	0°♍06'01	
	-9761 Nov 22 j 17:21	0°♍	
	-9761 Dec 11 j 06:44	0°♎	
morning set	-9761 Dec 14 j 23:22	6°♎54'51	
max. Earth dist.	-9761 Dec 19 j 11:44	15°♎47'50	1.34657 AU
superior conj	-9761 Dec 23 j 08:31	23°♎43'49	-1°27'33
minimum elong	-9761 Dec 23 j 10:42	23°♎55'15	1°27'30
	-9761 Dec 26 j 08:15	0°♏	
evening rise	-9761 Dec 30 j 18:39	9°♏18'15	
asc. node	-9760 Jan 03 j 06:21	16°♏22'55	
	-9760 Jan 10 j 20:43	0°♐	
evening max el	-9760 Jan 19 j 22:04	11°♐27'40	21°25'27
retrograde	-9760 Jan 31 j 17:10	17°♐02'49	
evening set	-9760 Feb 03 j 12:18	16°♐45'01	
inferior conj	-9760 Feb 12 j 13:56	12°♐44'31	1°37'04
minimum elong	-9760 Feb 12 j 18:00	12°♐38'45	1°35'16
min. Earth dist.	-9760 Feb 13 j 01:10	12°♐28'32	0.55408 AU
desc. node	-9760 Feb 18 j 20:05	9°♐32'42	
morning rise	-9760 Feb 21 j 23:23	8°♐35'22	
direct	-9760 Feb 24 j 19:02	8°♐17'46	
morning max el	-9760 Mar 08 j 10:00	14°♐23'36	22°02'42
	-9760 Mar 20 j 03:13	0°♑	
morning set	-9760 Mar 29 j 12:38	17°♑55'38	
asc. node	-9760 Mar 31 j 05:06	21°♑26'46	
	-9760 Apr 04 j 06:22	0°♒	
superior conj	-9760 Apr 05 j 20:34	3°♒20'49	0°52'30
minimum elong	-9760 Apr 05 j 18:23	3°♒09'24	0°51'36
max. Earth dist.	-9760 Apr 09 j 01:45	10°♒00'34	1.34628 AU
evening rise	-9760 Apr 13 j 23:06	19°♒44'52	
	-9760 Apr 19 j 10:49	0°♓	
	-9760 May 08 j 14:03	0°♈	
desc. node	-9760 May 16 j 18:29	9°♈51'17	
evening max el	-9760 May 18 j 19:04	11°♈55'13	27°05'33
retrograde	-9760 Jun 01 j 02:25	19°♈24'19	
evening set	-9760 Jun 07 j 23:03	16°♈36'54	
min. Earth dist.	-9760 Jun 11 j 18:00	12°♈50'34	0.64955 AU
inferior conj	-9760 Jun 13 j 19:00	10°♈29'21	-3°20'03

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9760 Jun 13 j 21:18	10°♈22'41	3°19'38
morning rise	-9760 Jun 19 j 19:57	4°♈54'51	
direct	-9760 Jun 22 j 19:13	4°♈06'49	
asc. node	-9760 Jun 27 j 05:36	5°♈48'52	
morning max el	-9760 Jun 29 j 08:39	7°♈41'01	18°23'27
	-9760 Jul 14 j 12:46	0°♉	
morning set	-9760 Jul 18 j 13:33	6°♉41'17	
	-9760 Aug 01 j 21:22	0°♊	
superior conj	-9760 Aug 02 j 00:28	0°♊12'22	1°01'04
minimum elong	-9760 Aug 02 j 06:47	0°♊37'33	1°00'52
max. Earth dist.	-9760 Aug 04 j 21:37	4°♊47'18	1.44458 AU
desc. node	-9760 Aug 12 j 15:48	17°♊01'23	
evening rise	-9760 Aug 18 j 15:59	26°♊26'24	
	-9760 Aug 20 j 22:36	0°♋	
greatest brilliancy	-9760 Aug 29 j 08:43	13°♋04'04	-0.7m
	-9760 Sep 10 j 11:42	0°♌	
evening max el	-9760 Sep 11 j 16:57	1°♌19'07	19°32'09
retrograde	-9760 Sep 18 j 22:49	5°♌29'41	
evening set	-9760 Sep 22 j 07:25	4°♌24'05	
asc. node	-9760 Sep 23 j 05:32	3°♌43'32	
	-9760 Sep 26 j 17:41	30°℞♋	
inferior conj	-9760 Sep 27 j 22:31	28°♋28'15	1°29'51
minimum elong	-9760 Sep 27 j 20:29	28°♋34'48	1°29'37
min. Earth dist.	-9760 Sep 29 j 02:39	26°♋57'35	0.66005 AU
morning rise	-9760 Oct 03 j 09:14	22°♋12'18	
direct	-9760 Oct 09 j 10:10	19°♋37'17	
morning max el	-9760 Oct 21 j 18:05	26°♋51'43	25°51'05
	-9760 Oct 24 j 17:10	0°♌	
desc. node	-9760 Nov 08 j 15:47	19°♌41'36	
	-9760 Nov 15 j 08:09	0°♍	
morning set	-9760 Nov 26 j 20:47	19°♍46'52	
max. Earth dist.	-9760 Nov 30 j 20:16	27°♍14'20	1.36120 AU
	-9760 Dec 02 j 06:36	0°♎	
superior conj	-9760 Dec 06 j 04:41	7°♎45'51	-1°38'33
minimum elong	-9760 Dec 06 j 06:09	7°♎53'13	1°38'30
evening rise	-9760 Dec 14 j 01:11	23°♎48'56	
	-9760 Dec 17 j 03:12	0°♏	
asc. node	-9760 Dec 20 j 03:37	5°♏45'19	
evening max el	-9759 Jan 01 j 05:21	23°♏00'41	20°07'52
retrograde	-9759 Jan 11 j 10:25	27°♏48'38	
evening set	-9759 Jan 13 j 23:36	27°♏31'59	
inferior conj	-9759 Jan 22 j 14:33	23°♏30'56	3°07'22
minimum elong	-9759 Jan 22 j 20:11	23°♏22'19	3°05'39
min. Earth dist.	-9759 Jan 24 j 14:56	22°♏17'21	0.56015 AU
morning rise	-9759 Jan 31 j 14:52	18°♏59'44	
direct	-9759 Feb 04 j 12:36	18°♏26'00	
desc. node	-9759 Feb 04 j 17:00	18°♏26'05	
morning max el	-9759 Feb 18 j 04:18	25°♏13'02	23°38'54
	-9759 Feb 22 j 14:13	0°♐	
	-9759 Mar 12 j 14:18	0°♑	
morning set	-9759 Mar 14 j 00:35	2°♑57'51	
asc. node	-9759 Mar 18 j 02:06	11°♑36'22	
superior conj	-9759 Mar 21 j 02:53	18°♑07'17	0°29'21
minimum elong	-9759 Mar 21 j 01:38	18°♑00'38	0°28'33
max. Earth dist.	-9759 Mar 23 j 04:21	22°♑30'47	1.33676 AU
	-9759 Mar 26 j 18:38	0°♒	
evening rise	-9759 Mar 28 j 17:20	3°♒56'00	
	-9759 Apr 12 j 05:11	0°♓	
evening max el	-9759 May 01 j 05:07	24°♓55'01	27°26'01
desc. node	-9759 May 03 j 15:49	27°♓08'43	
	-9759 May 07 j 12:30	0°♈	
retrograde	-9759 May 14 j 22:38	2°♈27'35	
evening set	-9759 May 21 j 22:53	29°♓51'09	
	-9759 May 21 j 18:03	30°℞♓	
min. Earth dist.	-9759 May 25 j 14:09	26°♓36'42	0.63437 AU
inferior conj	-9759 May 28 j 05:39	23°♓51'19	-3°37'43
minimum elong	-9759 May 28 j 06:54	23°♓48'04	3°37'45
morning rise	-9759 Jun 03 j 15:50	18°♓34'26	
direct	-9759 Jun 06 j 10:13	17°♓56'28	
morning max el	-9759 Jun 12 j 22:28	21°♓20'16	18°03'47
asc. node	-9759 Jun 14 j 02:26	22°♓34'25	
	-9759 Jun 19 j 13:01	0°♈	
morning set	-9759 Jun 30 j 06:13	18°♈05'06	
	-9759 Jul 07 j 04:32	0°♉	
superior conj	-9759 Jul 12 j 19:14	9°♉23'36	1°32'26
minimum elong	-9759 Jul 13 j 00:42	9°♉46'09	1°32'20
max. Earth dist.	-9759 Jul 18 j 11:51	18°♉39'59	1.43636 AU
	-9759 Jul 25 j 15:16	0°♊	
evening rise	-9759 Jul 28 j 19:48	4°♊58'21	
desc. node	-9759 Jul 30 j 13:00	7°♊37'52	
	-9759 Aug 14 j 09:41	0°♋	
evening max el	-9759 Aug 25 j 20:02	14°♋45'35	20°32'16
retrograde	-9759 Sep 02 j 19:39	19°♋26'23	
evening set	-9759 Sep 06 j 14:45	18°♋03'33	
asc. node	-9759 Sep 10 j 02:38	14°♋30'07	
inferior conj	-9759 Sep 12 j 00:50	11°♋58'30	0°37'31
minimum elong	-9759 Sep 11 j 23:58	12°♋01'24	0°37'44
min. Earth dist.	-9759 Sep 12 j 17:50	11°♋01'11	0.66712 AU
morning rise	-9759 Sep 17 j 08:58	5°♋39'10	
direct	-9759 Sep 22 j 19:21	3°♋20'01	
morning max el	-9759 Oct 04 j 03:31	10°♋06'20	24°33'39
	-9759 Oct 19 j 23:14	0°♌	
desc. node	-9759 Oct 26 j 12:31	9°♌41'57	
	-9759 Nov 08 j 00:13	0°♍	
morning set	-9759 Nov 08 j 22:18	1°♍35'45	
max. Earth dist.	-9759 Nov 12 j 19:58	8°♍31'57	1.37946 AU
superior conj	-9759 Nov 19 j 14:08	21°♍10'58	-1°42'58
minimum elong	-9759 Nov 19 j 14:07	21°♍10'53	1°42'49
	-9759 Nov 24 j 02:09	0°♎	
evening rise	-9759 Nov 28 j 02:19	7°♎57'51	
asc. node	-9759 Dec 07 j 00:54	24°♎37'16	
	-9759 Dec 10 j 13:41	0°♏	
evening max el	-9759 Dec 14 j 22:55	5°♏08'11	19°08'27
retrograde	-9759 Dec 23 j 16:32	9°♏17'49	
evening set	-9759 Dec 26 j 04:36	8°♏58'49	
inferior conj	-9758 Jan 03 j 05:49	4°♏44'15	4°00'16
minimum elong	-9758 Jan 03 j 09:05	4°♏38'35	3°59'37
min. Earth dist.	-9758 Jan 06 j 05:23	2°♏41'11	0.57351 AU
	-9758 Jan 10 j 23:15	30°℞♎	
morning rise	-9758 Jan 11 j 11:19	29°♎47'24	
direct	-9758 Jan 16 j 17:36	28°♎42'36	
	-9758 Jan 22 j 11:57	0°♏	
desc. node	-9758 Jan 22 j 13:52	0°♏02'07	
morning max el	-9758 Jan 30 j 19:04	5°♏53'43	25°13'35
	-9758 Feb 17 j 06:21	0°♐	
morning set	-9758 Feb 26 j 13:02	18°♐03'01	
	-9758 Mar 04 j 02:35	0°♑	
asc. node	-9758 Mar 04 j 23:09	1°♑51'47	
superior conj	-9758 Mar 05 j 12:45	3°♑05'40	0°05'36
minimum elong	-9758 Mar 05 j 12:32	3°♑04'30	0°04'58
behind sun begin	-9758 Mar 05 j 07:43	2°♑38'19	
behind sun end	-9758 Mar 05 j 17:21	3°♑30'39	
max. Earth dist.	-9758 Mar 06 j 13:59	5°♑22'32	1.33068 AU
evening rise	-9758 Mar 12 j 19:19	18°♑31'37	
	-9758 Mar 18 j 15:48	0°♒	
	-9758 Apr 06 j 19:39	0°♓	
evening max el	-9758 Apr 13 j 12:19	7°♓25'56	27°14'52
desc. node	-9758 Apr 20 j 13:09	12°♓52'37	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9758 Apr 27 j 12:11	14°♓55'46	
evening set	-9758 May 04 j 07:21	12°♓44'04	
min. Earth dist.	-9758 May 08 j 01:11	9°♓50'02	0.61597 AU
inferior conj	-9758 May 11 j 04:39	6°♓56'06	-3°39'48
minimum elong	-9758 May 11 j 04:04	6°♓57'28	3°40'04
morning rise	-9758 May 18 j 02:30	1°♓58'30	
direct	-9758 May 20 j 17:01	1°♓29'00	
morning max el	-9758 May 27 j 12:10	4°♓53'10	18°02'34
asc. node	-9758 May 31 j 23:16	10°♓18'52	
morning set	-9758 Jun 12 j 19:49	0°♈29'41	
	-9758 Jun 12 j 13:17	0°♈	
superior conj	-9758 Jun 23 j 16:59	19°♈54'34	1°47'39
minimum elong	-9758 Jun 23 j 18:59	20°♈03'16	1°47'44
	-9758 Jun 29 j 15:36	0°♉	
max. Earth dist.	-9758 Jun 30 j 21:04	2°♉02'10	1.42250 AU
evening rise	-9758 Jul 07 j 23:25	13°♉30'31	
desc. node	-9758 Jul 17 j 10:18	28°♉06'25	
	-9758 Jul 18 j 16:34	0°♊	
evening max el	-9758 Aug 08 j 16:24	28°♊08'57	21°44'37
	-9758 Aug 10 j 15:13	0°♋	
retrograde	-9758 Aug 17 j 15:25	3°♋26'54	
evening set	-9758 Aug 21 j 23:10	1°♋44'13	
	-9758 Aug 23 j 18:43	30°℞♊	
inferior conj	-9758 Aug 27 j 06:03	25°♊32'56	-0°14'19
minimum elong	-9758 Aug 27 j 06:21	25°♊31'54	0°13'37
transit middle	-9758 Aug 27 j 06:21	25°♊31'54	0°13'37
transit begin	-9758 Aug 27 j 04:51	25°♊37'05	
transit end	-9758 Aug 27 j 07:52	25°♊26'43	
min. Earth dist.	-9758 Aug 27 j 12:35	25°♊10'26	0.67131 AU
asc. node	-9758 Aug 27 j 23:41	24°♊32'18	
morning rise	-9758 Sep 01 j 13:24	19°♊14'01	
direct	-9758 Sep 06 j 09:26	17°♊13'38	
morning max el	-9758 Sep 16 j 13:57	23°♊20'59	23°09'21
	-9758 Sep 22 j 09:25	0°♋	
desc. node	-9758 Oct 13 j 09:18	29°♋59'18	
	-9758 Oct 13 j 09:29	0°♌	
morning set	-9758 Oct 20 j 22:30	12°♌07'43	
max. Earth dist.	-9758 Oct 25 j 17:41	20°♌13'59	1.39951 AU
	-9758 Oct 31 j 06:35	0°♍	
superior conj	-9758 Nov 02 j 08:23	3°♍46'37	-1°38'29
minimum elong	-9758 Nov 02 j 06:13	3°♍36'38	1°38'03
evening rise	-9758 Nov 11 j 19:27	21°♍38'11	
	-9758 Nov 16 j 05:41	0°♎	
asc. node	-9758 Nov 23 j 22:12	12°♎48'42	
evening max el	-9758 Nov 28 j 01:29	17°♎45'50	18°29'04
retrograde	-9758 Dec 05 j 16:33	21°♎30'48	
evening set	-9758 Dec 08 j 04:52	21°♎07'42	
inferior conj	-9758 Dec 15 j 16:24	16°♎32'39	4°15'30
minimum elong	-9758 Dec 15 j 16:09	16°♎33'10	4°15'24
min. Earth dist.	-9758 Dec 18 j 22:41	13°♎57'12	0.59116 AU
morning rise	-9758 Dec 23 j 01:39	11°♎14'05	
direct	-9758 Dec 29 j 10:28	9°♎30'45	
desc. node	-9757 Jan 09 j 10:40	14°♎10'33	
morning max el	-9757 Jan 12 j 12:34	16°♎53'02	26°31'58
	-9757 Jan 23 j 09:01	0°♏	
	-9757 Feb 09 j 12:31	0°♐	
morning set	-9757 Feb 11 j 00:15	3°♐04'47	
superior conj	-9757 Feb 18 j 00:22	18°♐09'33	-0°17'57
minimum elong	-9757 Feb 18 j 01:08	18°♐13'45	0°18'20
max. Earth dist.	-9757 Feb 18 j 03:18	18°♐25'38	1.32782 AU
asc. node	-9757 Feb 19 j 20:16	22°♐09'03	
	-9757 Feb 23 j 11:49	0°♑	
evening rise	-9757 Feb 25 j 02:27	3°♑22'43	
	-9757 Mar 11 j 13:51	0°♒	
evening max el	-9757 Mar 26 j 14:35	19°♒20'29	26°31'12
desc. node	-9757 Apr 07 j 10:25	26°♒29'37	
retrograde	-9757 Apr 09 j 17:22	26°♒42'48	
evening set	-9757 Apr 15 j 21:18	25°♒05'29	
min. Earth dist.	-9757 Apr 20 j 03:52	22°♒17'16	0.59602 AU
inferior conj	-9757 Apr 23 j 12:29	19°♒35'49	-3°20'08
minimum elong	-9757 Apr 23 j 09:41	19°♒41'28	3°20'12
morning rise	-9757 May 01 j 00:38	14°♒58'27	
direct	-9757 May 03 j 11:43	14°♒36'06	
morning max el	-9757 May 10 j 23:03	18°♒12'47	18°20'25
asc. node	-9757 May 18 j 20:06	28°♒49'21	
	-9757 May 19 j 12:56	0°♓	
morning set	-9757 May 27 j 01:29	13°♓44'03	
	-9757 Jun 04 j 17:40	0°♈	
superior conj	-9757 Jun 05 j 16:05	1°♈42'27	1°49'03
minimum elong	-9757 Jun 05 j 15:07	1°♈38'02	1°48'59
max. Earth dist.	-9757 Jun 13 j 01:01	14°♈44'57	1.40495 AU
evening rise	-9757 Jun 17 j 23:14	23°♈02'02	
	-9757 Jun 22 j 06:20	0°♉	
desc. node	-9757 Jul 04 j 07:41	18°♉22'45	
	-9757 Jul 12 j 15:26	0°♊	
evening max el	-9757 Jul 22 j 06:46	11°♊30'42	23°04'43
retrograde	-9757 Aug 01 j 08:46	17°♊29'23	
evening set	-9757 Aug 06 j 06:47	15°♊25'27	
inferior conj	-9757 Aug 11 j 12:24	9°♊10'39	-1°03'57
minimum elong	-9757 Aug 11 j 13:44	9°♊06'03	1°02'55
min. Earth dist.	-9757 Aug 11 j 08:29	9°♊24'09	0.67260 AU
asc. node	-9757 Aug 14 j 20:41	4°♊51'35	
morning rise	-9757 Aug 16 j 20:36	2°♊55'45	
direct	-9757 Aug 21 j 03:26	1°♊14'34	
morning max el	-9757 Aug 30 j 04:20	6°♊38'56	21°46'37
	-9757 Sep 16 j 20:25	0°♋	
desc. node	-9757 Sep 30 j 06:10	20°♋28'42	
morning set	-9757 Sep 30 j 19:58	21°♋23'20	
	-9757 Oct 06 j 04:11	0°♌	
max. Earth dist.	-9757 Oct 07 j 20:18	2°♌45'12	1.41860 AU
superior conj	-9757 Oct 15 j 05:54	15°♌18'34	-1°22'23
minimum elong	-9757 Oct 15 j 01:33	14°♌59'41	1°21'32
	-9757 Oct 23 j 11:25	0°♍	
evening rise	-9757 Oct 26 j 01:17	4°♍42'46	
asc. node	-9757 Nov 10 j 19:30	0°♎07'23	
	-9757 Nov 10 j 16:45	0°♎	
evening max el	-9757 Nov 11 j 10:31	0°♎46'08	18°09'43
retrograde	-9757 Nov 18 j 09:14	4°♎19'34	
evening set	-9757 Nov 20 j 22:35	3°♎51'11	
	-9757 Nov 26 j 16:34	30°℞♍	
inferior conj	-9757 Nov 27 j 21:38	28°♍54'07	4°02'25
minimum elong	-9757 Nov 27 j 18:55	29°♍00'20	4°02'10
min. Earth dist.	-9757 Nov 30 j 22:29	26°♍07'29	0.61001 AU
morning rise	-9757 Dec 04 j 14:02	23°♍17'28	
direct	-9757 Dec 11 j 13:04	21°♍00'20	
morning max el	-9757 Dec 25 j 12:23	28°♍29'13	27°21'33
desc. node	-9757 Dec 27 j 07:24	0°♎17'37	
	-9757 Dec 27 j 00:39	0°♎	
	-9756 Jan 17 j 00:42	0°♏	
morning set	-9756 Jan 26 j 08:15	17°♏55'16	
	-9756 Feb 01 j 00:44	0°♐	
max. Earth dist.	-9756 Feb 01 j 16:28	1°♐25'25	1.32823 AU
superior conj	-9756 Feb 02 j 12:00	3°♐11'52	-0°40'26
minimum elong	-9756 Feb 02 j 13:36	3°♐20'34	0°40'37
asc. node	-9756 Feb 06 j 17:26	12°♐23'20	
evening rise	-9756 Feb 09 j 12:33	18°♐20'38	
	-9756 Feb 15 j 08:02	0°♑	
	-9756 Mar 06 j 19:40	0°♒	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9756 Mar 07 j 11:05	0°♒37'25	25°19'29
retrograde	-9756 Mar 21 j 12:07	7°♒46'17	
desc. node	-9756 Mar 24 j 07:37	7°♒27'31	
evening set	-9756 Mar 26 j 15:46	6°♒44'07	
min. Earth dist.	-9756 Apr 01 j 00:05	3°♒47'39	0.57702 AU
inferior conj	-9756 Apr 04 j 01:37	1°♒40'22	-2°31'38
minimum elong	-9756 Apr 03 j 21:28	1°♒47'36	2°31'11
	-9756 Apr 06 j 13:18	30°℞♑	
morning rise	-9756 Apr 12 j 06:22	27°♑22'25	
direct	-9756 Apr 14 j 14:01	27°♑05'54	
	-9756 Apr 21 j 20:24	0°♒	
morning max el	-9756 Apr 23 j 04:12	1°♒09'22	18°57'58
asc. node	-9756 May 04 j 16:59	17°♒54'26	
morning set	-9756 May 09 j 18:54	27°♒36'37	
	-9756 May 11 j 00:07	0°♓	
superior conj	-9756 May 18 j 11:06	14°♓32'09	1°40'23
minimum elong	-9756 May 18 j 08:32	14°♓19'54	1°39'59
max. Earth dist.	-9756 May 25 j 01:43	26°♓48'22	1.38606 AU
	-9756 May 26 j 20:40	0°♈	
evening rise	-9756 May 29 j 02:19	3°♈54'41	
	-9756 Jun 14 j 09:18	0°♉	
desc. node	-9756 Jun 20 j 05:06	8°♉20'20	
evening max el	-9756 Jul 03 j 17:21	24°♉52'27	24°26'19
	-9756 Jul 10 j 01:35	0°♊	
retrograde	-9756 Jul 14 j 22:42	1°♊29'37	
	-9756 Jul 19 j 08:08	30°℞♉	
evening set	-9756 Jul 20 j 11:41	29°♉05'32	
min. Earth dist.	-9756 Jul 25 j 03:07	23°♉40'12	0.67071 AU
inferior conj	-9756 Jul 25 j 18:06	22°♉49'37	-1°49'56
minimum elong	-9756 Jul 25 j 20:14	22°♉42'25	1°48'47
morning rise	-9756 Jul 31 j 04:44	16°♉42'08	
asc. node	-9756 Jul 31 j 17:37	16°♉20'10	
direct	-9756 Aug 04 j 00:07	15°♉18'50	
morning max el	-9756 Aug 12 j 00:55	20°♉03'06	20°31'57
	-9756 Aug 20 j 00:57	0°♊	
morning set	-9756 Sep 08 j 23:41	29°♊52'12	
	-9756 Sep 09 j 01:42	0°♋	
desc. node	-9756 Sep 16 j 03:08	11°♋05'54	
max. Earth dist.	-9756 Sep 19 j 05:43	16°♋04'19	1.43388 AU
superior conj	-9756 Sep 25 j 01:09	25°♋33'17	-0°52'38
minimum elong	-9756 Sep 24 j 20:27	25°♋13'49	0°51'33
	-9756 Sep 27 j 17:12	0°♌	
evening rise	-9756 Oct 07 j 15:31	17°♌01'51	
	-9756 Oct 15 j 03:27	0°♍	
evening max el	-9756 Oct 24 j 23:08	14°♍02'07	18°09'48
asc. node	-9756 Oct 27 j 16:45	16°♍18'34	
retrograde	-9756 Oct 31 j 14:27	17°♍34'37	
evening set	-9756 Nov 03 j 06:22	16°♍59'20	
inferior conj	-9756 Nov 09 j 18:24	11°♍42'05	3°30'54
minimum elong	-9756 Nov 09 j 14:46	11°♍51'34	3°30'21
min. Earth dist.	-9756 Nov 12 j 07:47	9°♍03'05	0.62763 AU
morning rise	-9756 Nov 15 j 22:17	5°♍50'18	
direct	-9756 Nov 23 j 00:03	3°♍11'30	
morning max el	-9756 Dec 06 j 18:15	10°♍45'31	27°36'19
desc. node	-9756 Dec 13 j 04:06	17°♍51'03	
	-9756 Dec 22 j 00:53	0°♎	
	-9755 Jan 08 j 05:32	0°♏	
morning set	-9755 Jan 09 j 10:51	2°♏26'44	
max. Earth dist.	-9755 Jan 15 j 01:37	14°♏08'17	1.33217 AU
superior conj	-9755 Jan 16 j 22:03	18°♏06'48	-1°01'05
minimum elong	-9755 Jan 17 j 00:12	18°♏18'26	1°01'07
	-9755 Jan 22 j 10:19	0°♐	
evening rise	-9755 Jan 23 j 23:52	3°♐18'50	
asc. node	-9755 Jan 23 j 14:38	2°♐30'17	
	-9755 Feb 07 j 16:37	0°♑	
evening max el	-9755 Feb 17 j 04:08	11°♑30'26	23°50'04
retrograde	-9755 Mar 02 j 18:55	18°♑14'10	
evening set	-9755 Mar 06 j 18:51	17°♑38'47	
desc. node	-9755 Mar 11 j 04:42	15°♑47'35	
min. Earth dist.	-9755 Mar 13 j 16:45	14°♑21'49	0.56217 AU
inferior conj	-9755 Mar 15 j 18:53	13°♑05'10	-1°10'27
minimum elong	-9755 Mar 15 j 16:05	13°♑09'27	1°10'09
morning rise	-9755 Mar 24 j 16:10	9°♑01'01	
direct	-9755 Mar 26 j 21:44	8°♑48'07	
morning max el	-9755 Apr 06 j 00:45	13°♑33'35	19°55'24
	-9755 Apr 17 j 15:51	0°♒	
asc. node	-9755 Apr 21 j 13:53	7°♒25'44	
morning set	-9755 Apr 23 j 20:39	11°♒58'26	
superior conj	-9755 May 01 j 20:44	28°♒09'03	1°24'55
minimum elong	-9755 May 01 j 17:46	27°♒54'15	1°24'12
	-9755 May 02 j 19:06	0°♓	
max. Earth dist.	-9755 May 07 j 04:30	8°♓30'44	1.36828 AU
evening rise	-9755 May 11 j 06:00	16°♓03'10	
	-9755 May 19 j 06:53	0°♈	
desc. node	-9755 Jun 07 j 02:30	27°♈51'08	
	-9755 Jun 08 j 19:13	0°♉	
evening max el	-9755 Jun 16 j 03:01	8°♉15'51	25°41'21
retrograde	-9755 Jun 28 j 08:28	15°♉22'50	
evening set	-9755 Jul 04 j 11:50	12°♉42'56	
min. Earth dist.	-9755 Jul 08 j 18:10	7°♉56'02	0.66544 AU
inferior conj	-9755 Jul 09 j 21:19	6°♉28'15	-2°30'46
minimum elong	-9755 Jul 09 j 23:55	6°♉19'51	2°29'44
morning rise	-9755 Jul 15 j 12:04	0°♉31'11	
	-9755 Jul 16 j 09:48	30°℞♈	
direct	-9755 Jul 18 j 22:01	29°♈23'30	
asc. node	-9755 Jul 18 j 14:31	29°♈24'03	
	-9755 Jul 21 j 12:27	0°♉	
morning max el	-9755 Jul 26 j 04:07	3°♉34'13	19°29'41
	-9755 Aug 13 j 19:02	0°♊	
morning set	-9755 Aug 19 j 05:03	8°♊28'24	
	-9755 Sep 01 j 21:16	0°♋	
max. Earth dist.	-9755 Sep 01 j 19:54	29°♊54'38	1.44346 AU
desc. node	-9755 Sep 03 j 00:10	1°♋46'50	
superior conj	-9755 Sep 04 j 17:13	4°♋30'20	-0°10'24
minimum elong	-9755 Sep 04 j 16:02	4°♋25'37	0°09'40
behind sun begin	-9755 Sep 04 j 06:57	3°♋49'24	
behind sun end	-9755 Sep 05 j 01:07	5°♋01'51	
evening rise	-9755 Sep 19 j 08:40	28°♋21'29	
	-9755 Sep 20 j 08:23	0°♌	
evening max el	-9755 Oct 08 j 12:25	27°♌26'38	18°28'22
	-9755 Oct 11 j 14:27	0°♍	
asc. node	-9755 Oct 14 j 13:58	1°♍05'18	
retrograde	-9755 Oct 15 j 03:57	1°♍07'09	
evening set	-9755 Oct 18 j 00:31	0°♍22'34	
	-9755 Oct 18 j 16:22	30°℞♌	
inferior conj	-9755 Oct 24 j 03:07	24°♌48'02	2°48'16
minimum elong	-9755 Oct 23 j 23:39	24°♌58'00	2°47'38
min. Earth dist.	-9755 Oct 26 j 03:14	22°♌29'59	0.64271 AU
morning rise	-9755 Oct 29 j 22:10	18°♌44'18	
direct	-9755 Nov 05 j 18:14	15°♌57'44	
morning max el	-9755 Nov 19 j 03:26	23°♌32'00	27°16'56
	-9755 Nov 25 j 00:36	0°♍	
desc. node	-9755 Nov 30 j 00:48	6°♍25'07	
	-9755 Dec 15 j 06:47	0°♎	
morning set	-9755 Dec 24 j 05:09	16°♎28'54	
max. Earth dist.	-9755 Dec 29 j 02:50	26°♎21'27	1.34005 AU
	-9755 Dec 30 j 20:48	0°♏	
superior conj	-9754 Jan 01 j 04:33	2°♏47'12	-1°18'58

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9754 Jan	01 j 06:53	2°♏59'31	1°18'56
evening rise	-9754 Jan	08 j 10:41	18°♏10'41	
asc. node	-9754 Jan	10 j 11:52	22°♏24'25	
	-9754 Jan	14 j 08:43	0°♐	
evening max el	-9754 Jan	29 j 22:58	22°♐23'22	22°16'25
retrograde	-9754 Feb	11 j 14:02	28°♐26'21	
evening set	-9754 Feb	14 j 16:12	28°♐05'20	
inferior conj	-9754 Feb	23 j 20:30	23°♐57'09	0°34'56
minimum elong	-9754 Feb	23 j 22:01	23°♐54'59	0°33'52
min. Earth dist.	-9754 Feb	23 j 07:56	24°♐15'06	0.55446 AU
desc. node	-9754 Feb	26 j 01:42	22°♐42'23	
morning rise	-9754 Mar	05 j 04:43	19°♐54'01	
direct	-9754 Mar	07 j 15:18	19°♐40'19	
morning max el	-9754 Mar	19 j 10:30	25°♐17'50	21°11'42
	-9754 Mar	23 j 16:44	0°♑	
morning set	-9754 Apr	08 j 04:04	26°♑41'38	
asc. node	-9754 Apr	08 j 10:49	27°♑16'21	
	-9754 Apr	09 j 18:27	0°♒	
superior conj	-9754 Apr	15 j 16:48	12°♒20'35	1°05'08
minimum elong	-9754 Apr	15 j 14:12	12°♒07'09	1°04'15
max. Earth dist.	-9754 Apr	19 j 15:24	20°♒20'40	1.35328 AU
evening rise	-9754 Apr	24 j 04:37	29°♒11'43	
	-9754 Apr	24 j 14:50	0°♓	
	-9754 May	12 j 10:38	0°♈	
desc. node	-9754 May	24 j 23:52	16°♈44'03	
evening max el	-9754 May	29 j 13:36	21°♈38'33	26°41'17
retrograde	-9754 Jun	11 j 13:29	29°♈03'02	
evening set	-9754 Jun	18 j 04:51	26°♈15'26	
min. Earth dist.	-9754 Jun	22 j 03:27	22°♈07'28	0.65643 AU
inferior conj	-9754 Jun	23 j 20:05	20°♈04'24	-3°04'39
minimum elong	-9754 Jun	23 j 22:40	19°♈56'32	3°03'57
morning rise	-9754 Jun	29 j 16:44	14°♈20'40	
direct	-9754 Jul	02 j 19:21	13°♈26'07	
asc. node	-9754 Jul	05 j 11:23	14°♈04'44	
morning max el	-9754 Jul	09 j 12:58	17°♈11'18	18°42'45
	-9754 Jul	19 j 00:22	0°♉	
morning set	-9754 Jul	30 j 05:58	18°♉00'38	
	-9754 Aug	06 j 16:55	0°♊	
superior conj	-9754 Aug	14 j 17:26	12°♊44'42	0°36'38
minimum elong	-9754 Aug	14 j 21:53	13°♊02'16	0°36'38
max. Earth dist.	-9754 Aug	15 j 12:32	14°♊00'12	1.44625 AU
desc. node	-9754 Aug	20 j 21:16	22°♊28'41	
	-9754 Aug	25 j 15:23	0°♋	
evening rise	-9754 Aug	30 j 23:51	8°♋30'03	
	-9754 Sep	13 j 16:17	0°♌	
evening max el	-9754 Sep	21 j 23:39	10°♌55'07	19°04'14
retrograde	-9754 Sep	28 j 22:17	14°♌51'58	
asc. node	-9754 Oct	01 j 11:08	14°♌14'59	
evening set	-9754 Oct	02 j 01:51	13°♌55'00	
inferior conj	-9754 Oct	07 j 20:41	8°♌06'15	1°59'27
minimum elong	-9754 Oct	07 j 18:01	8°♌14'31	1°59'00
min. Earth dist.	-9754 Oct	09 j 07:51	6°♌16'58	0.65471 AU
morning rise	-9754 Oct	13 j 09:47	1°♌53'53	
	-9754 Oct	16 j 06:16	30°℞♋	
direct	-9754 Oct	19 j 18:43	29°♋11'52	
	-9754 Oct	23 j 13:30	0°♌	
morning max el	-9754 Nov	01 j 13:23	6°♌36'39	26°28'41
desc. node	-9754 Nov	16 j 21:31	25°♌42'06	
	-9754 Nov	19 j 19:34	0°♍	
morning set	-9754 Dec	07 j 11:29	29°♍50'12	
	-9754 Dec	07 j 13:34	0°♎	
max. Earth dist.	-9754 Dec	11 j 17:22	8°♎01'29	1.35229 AU
superior conj	-9754 Dec	16 j 05:19	17°♎05'50	-1°32'54
minimum elong	-9754 Dec	16 j 07:17	17°♎15'57	1°32'52
	-9754 Dec	22 j 10:18	0°♏	
evening rise	-9754 Dec	23 j 19:17	2°♏50'38	
asc. node	-9754 Dec	28 j 09:08	12°♏00'10	
	-9753 Jan	08 j 15:31	0°♐	
evening max el	-9753 Jan	12 j 00:53	3°♐38'24	20°50'29
retrograde	-9753 Jan	23 j 03:55	8°♐52'18	
evening set	-9753 Jan	25 j 19:38	8°♐35'37	
inferior conj	-9753 Feb	03 j 17:29	4°♐37'24	2°19'13
minimum elong	-9753 Feb	03 j 22:45	4°♐29'45	2°17'14
min. Earth dist.	-9753 Feb	04 j 22:01	3°♐56'03	0.55563 AU
desc. node	-9753 Feb	12 j 22:40	0°♐20'57	
morning rise	-9753 Feb	13 j 00:38	0°♐19'49	
	-9753 Feb	15 j 01:53	30°℞♏	
direct	-9753 Feb	16 j 06:06	29°♏56'54	
	-9753 Feb	17 j 10:09	0°♐	
morning max el	-9753 Mar	01 j 09:21	6°♐22'41	22°42'57
	-9753 Mar	17 j 18:45	0°♑	
morning set	-9753 Mar	23 j 14:55	11°♑38'38	
asc. node	-9753 Mar	26 j 07:47	17°♑20'15	
superior conj	-9753 Mar	30 j 20:04	26°♑56'20	0°42'49
minimum elong	-9753 Mar	30 j 18:16	26°♑46'47	0°41'57
	-9753 Apr	01 j 06:55	0°♒	
max. Earth dist.	-9753 Apr	02 j 12:48	2°♒36'00	1.34178 AU
evening rise	-9753 Apr	07 j 16:53	13°♒03'46	
	-9753 Apr	16 j 21:15	0°♓	
	-9753 May	07 j 11:43	0°♈	
desc. node	-9753 May	11 j 21:15	4°♈42'35	
evening max el	-9753 May	12 j 00:36	4°♈50'46	27°18'03
retrograde	-9753 May	25 j 12:55	12°♈21'49	
evening set	-9753 Jun	01 j 11:51	9°♈37'44	
min. Earth dist.	-9753 Jun	05 j 04:50	6°♈05'45	0.64351 AU
inferior conj	-9753 Jun	07 j 11:58	3°♈33'06	-3°29'10
minimum elong	-9753 Jun	07 j 13:55	3°♈27'41	3°28'57
	-9753 Jun	10 j 23:10	30°℞♓	
morning rise	-9753 Jun	13 j 16:31	28°♓05'29	
direct	-9753 Jun	16 j 13:35	27°♓21'51	
asc. node	-9753 Jun	22 j 08:14	0°♈08'59	
	-9753 Jun	22 j 04:15	0°♈	
morning max el	-9753 Jun	23 j 01:34	0°♈50'34	18°12'52
morning set	-9753 Jul	11 j 08:37	28°♈44'57	
	-9753 Jul	12 j 02:24	0°♉	
superior conj	-9753 Jul	24 j 23:49	21°♉18'42	1°16'19
minimum elong	-9753 Jul	25 j 06:21	21°♉45'03	1°16'06
max. Earth dist.	-9753 Jul	29 j 04:55	28°♉04'09	1.44194 AU
	-9753 Jul	30 j 10:03	0°♊	
desc. node	-9753 Aug	07 j 18:27	13°♊08'04	
evening rise	-9753 Aug	10 j 13:31	17°♊29'05	
	-9753 Aug	18 j 16:07	0°♋	
greatest brilliancy	-9753 Aug	23 j 05:16	6°♋53'55	-0.7m
evening max el	-9753 Sep	05 j 06:20	24°♋23'22	19°56'02
retrograde	-9753 Sep	12 j 18:47	28°♋45'15	
evening set	-9753 Sep	16 j 07:41	27°♋32'37	
asc. node	-9753 Sep	18 j 08:16	25°♋47'44	
inferior conj	-9753 Sep	21 j 20:26	21°♋32'38	1°07'42
minimum elong	-9753 Sep	21 j 18:54	21°♋37'44	1°07'39
min. Earth dist.	-9753 Sep	22 j 19:43	20°♋16'02	0.66352 AU
morning rise	-9753 Sep	27 j 05:52	15°♋15'04	
direct	-9753 Oct	03 j 00:48	12°♋46'12	
morning max el	-9753 Oct	14 j 22:56	19°♋49'24	25°19'28
	-9753 Oct	23 j 17:07	0°♌	
desc. node	-9753 Nov	03 j 18:15	15°♌29'25	
	-9753 Nov	12 j 22:27	0°♍	
morning set	-9753 Nov	20 j 01:08	12°♍17'08	
max. Earth dist.	-9753 Nov	23 j 21:35	19°♍20'47	1.36865 AU
	-9753 Nov	29 j 10:31	0°♎	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9753 Nov 29 j 21:27	0°♎53'59	-1°41'22
minimum elong	-9753 Nov 29 j 22:22	0°♎58'35	1°41'17
evening rise	-9753 Dec 07 j 23:50	17°♎13'11	
	-9753 Dec 14 j 14:33	0°♏	
asc. node	-9753 Dec 15 j 06:24	1°♏10'51	
evening max el	-9753 Dec 25 j 12:40	15°♏26'44	19°40'11
retrograde	-9752 Jan 04 j 01:28	19°♏56'34	
evening set	-9752 Jan 06 j 14:09	19°♏39'03	
inferior conj	-9752 Jan 14 j 23:20	15°♏33'23	3°34'47
minimum elong	-9752 Jan 15 j 04:20	15°♏25'23	3°33'31
min. Earth dist.	-9752 Jan 17 j 11:35	13°♏57'26	0.56512 AU
morning rise	-9752 Jan 23 j 16:24	10°♏51'34	
direct	-9752 Jan 28 j 04:14	10°♏06'14	
desc. node	-9752 Jan 30 j 19:34	10°♏22'15	
morning max el	-9752 Feb 11 j 01:12	17°♏04'46	24°20'17
	-9752 Feb 21 j 11:59	0°♐	
morning set	-9752 Mar 07 j 03:20	26°♐43'24	
	-9752 Mar 08 j 16:32	0°♑	
asc. node	-9752 Mar 12 j 04:49	7°♑33'05	
superior conj	-9752 Mar 14 j 04:09	11°♑48'52	0°19'17
minimum elong	-9752 Mar 14 j 03:21	11°♑44'30	0°18'33
max. Earth dist.	-9752 Mar 15 j 19:06	15°♑18'08	1.33379 AU
evening rise	-9752 Mar 21 j 14:50	27°♑26'56	
	-9752 Mar 22 j 21:25	0°♒	
	-9752 Apr 09 j 04:45	0°♓	
evening max el	-9752 Apr 23 j 09:54	17°♓40'06	27°25'19
desc. node	-9752 Apr 27 j 18:35	21°♓24'17	
retrograde	-9752 May 07 j 06:07	25°♓11'11	
evening set	-9752 May 14 j 05:34	22°♓43'49	
min. Earth dist.	-9752 May 17 j 21:02	19°♓39'46	0.62692 AU
inferior conj	-9752 May 20 j 18:06	16°♓48'45	-3°40'50
minimum elong	-9752 May 20 j 18:39	16°♓47'22	3°41'01
morning rise	-9752 May 27 j 08:54	11°♓39'47	
direct	-9752 May 30 j 01:42	11°♓05'25	
morning max el	-9752 Jun 05 j 15:37	14°♓27'38	18°01'00
asc. node	-9752 Jun 08 j 05:04	17°♓21'14	
	-9752 Jun 16 j 09:50	0°♈	
morning set	-9752 Jun 22 j 10:47	10°♈36'09	
	-9752 Jul 03 j 14:52	0°♉	
superior conj	-9752 Jul 04 j 05:42	1°♉02'32	1°40'48
minimum elong	-9752 Jul 04 j 09:47	1°♉19'44	1°40'49
max. Earth dist.	-9752 Jul 10 j 17:48	11°♉47'40	1.43112 AU
evening rise	-9752 Jul 19 j 14:25	25°♉53'19	
	-9752 Jul 22 j 06:00	0°♊	
desc. node	-9752 Jul 24 j 15:43	3°♊41'47	
	-9752 Aug 11 j 17:38	0°♋	
evening max el	-9752 Aug 18 j 06:38	7°♋48'41	21°01'42
retrograde	-9752 Aug 26 j 15:24	12°♋44'17	
evening set	-9752 Aug 30 j 15:45	11°♋13'02	
asc. node	-9752 Sep 04 j 05:22	6°♋08'55	
inferior conj	-9752 Sep 05 j 00:14	5°♋04'52	0°15'22
minimum elong	-9752 Sep 04 j 23:53	5°♋06'05	0°15'47
transit middle	-9752 Sep 04 j 23:53	5°♋06'05	0°15'47
transit begin	-9752 Sep 04 j 23:09	5°♋08'34	
transit end	-9752 Sep 05 j 00:36	5°♋03'35	
min. Earth dist.	-9752 Sep 05 j 12:39	4°♋22'32	0.66930 AU
	-9752 Sep 09 j 00:51	30°℞♊	
morning rise	-9752 Sep 10 j 07:51	28°♊45'29	
direct	-9752 Sep 15 j 12:00	26°♊34'23	
	-9752 Sep 23 j 00:17	0°♋	
morning max el	-9752 Sep 26 j 08:37	3°♋04'32	23°58'08
	-9752 Oct 16 j 22:06	0°♌	
desc. node	-9752 Oct 20 j 15:00	5°♌37'49	
morning set	-9752 Oct 31 j 16:28	23°♌34'34	
	-9752 Nov 04 j 09:22	0°♍	
max. Earth dist.	-9752 Nov 04 j 20:03	0°♍47'13	1.38796 AU
superior conj	-9752 Nov 12 j 01:04	13°♍59'48	-1°42'19
minimum elong	-9752 Nov 12 j 00:12	13°♍55'41	1°42'04
	-9752 Nov 20 j 07:24	0°♎	
evening rise	-9752 Nov 20 j 21:58	1°♎11'15	
asc. node	-9752 Dec 01 j 03:43	19°♎47'06	
evening max el	-9752 Dec 07 j 10:14	27°♎47'28	18°49'08
	-9752 Dec 10 j 04:08	0°♏	
retrograde	-9752 Dec 15 j 15:26	1°♏45'21	
evening set	-9752 Dec 18 j 03:27	1°♏24'47	
	-9752 Dec 21 j 11:56	30°℞♎	
inferior conj	-9752 Dec 25 j 22:40	27°♎01'34	4°10'54
minimum elong	-9752 Dec 26 j 00:25	26°♎58'22	4°10'36
min. Earth dist.	-9752 Dec 29 j 02:44	24°♎42'28	0.58065 AU
morning rise	-9751 Jan 02 j 19:20	21°♎54'52	
direct	-9751 Jan 08 j 13:55	20°♎34'14	
desc. node	-9751 Jan 16 j 16:23	23°♎06'37	
morning max el	-9751 Jan 22 j 16:38	27°♎50'49	25°49'53
	-9751 Jan 24 j 19:36	0°♏	
	-9751 Feb 13 j 18:20	0°♐	
morning set	-9751 Feb 19 j 15:30	11°♐48'05	
superior conj	-9751 Feb 26 j 14:59	26°♐50'13	-0°04'30
minimum elong	-9751 Feb 26 j 15:11	26°♐51'23	0°05'01
behind sun begin	-9751 Feb 26 j 10:24	26°♐25'19	
behind sun end	-9751 Feb 26 j 19:58	27°♐17'26	
asc. node	-9751 Feb 27 j 01:54	27°♐49'43	
max. Earth dist.	-9751 Feb 27 j 06:49	28°♐16'29	1.32906 AU
	-9751 Feb 28 j 01:52	0°♑	
evening rise	-9751 Mar 05 j 19:17	12°♑09'47	
	-9751 Mar 15 j 02:21	0°♒	
evening max el	-9751 Apr 05 j 14:58	29°♒55'02	27°00'02
	-9751 Apr 05 j 17:03	0°♓	
desc. node	-9751 Apr 14 j 15:53	6°♓18'24	
retrograde	-9751 Apr 19 j 16:16	7°♓22'28	
evening set	-9751 Apr 26 j 06:27	5°♓24'15	
min. Earth dist.	-9751 Apr 30 j 04:03	2°♓34'54	0.60757 AU
inferior conj	-9751 May 03 j 11:03	29°♒43'19	-3°34'33
minimum elong	-9751 May 03 j 09:31	29°♒46'39	3°34'48
	-9751 May 03 j 03:26	30°℞♒	
morning rise	-9751 May 10 j 14:41	24°♒54'37	
direct	-9751 May 13 j 03:47	24°♒28'18	
morning max el	-9751 May 20 j 04:31	27°♒55'51	18°07'52
	-9751 May 22 j 02:42	0°♓	
asc. node	-9751 May 26 j 01:55	5°♓26'28	
morning set	-9751 Jun 05 j 07:45	23°♓22'48	
	-9751 Jun 08 j 21:45	0°♈	
superior conj	-9751 Jun 15 j 14:49	12°♈07'47	1°49'43
minimum elong	-9751 Jun 15 j 15:24	12°♈10'24	1°49'47
max. Earth dist.	-9751 Jun 23 j 00:43	24°♈53'46	1.41530 AU
	-9751 Jun 26 j 02:36	0°♉	
evening rise	-9751 Jun 29 j 00:42	4°♉44'37	
desc. node	-9751 Jul 11 j 13:04	24°♉05'49	
	-9751 Jul 15 j 13:42	0°♊	
evening max el	-9751 Aug 01 j 00:07	21°♊10'41	22°18'01
retrograde	-9751 Aug 10 j 10:26	26°♊46'23	
evening set	-9751 Aug 15 j 00:05	24°♊54'34	
inferior conj	-9751 Aug 20 j 06:10	18°♊41'11	-0°35'43
minimum elong	-9751 Aug 20 j 06:55	18°♊38'34	0°34'52
min. Earth dist.	-9751 Aug 20 j 08:13	18°♊34'06	0.67216 AU
asc. node	-9751 Aug 22 j 02:23	16°♊11'04	
morning rise	-9751 Aug 25 j 13:40	12°♊23'31	
direct	-9751 Aug 30 j 03:47	10°♊31'36	
morning max el	-9751 Sep 08 j 20:36	16°♊21'12	22°33'38
	-9751 Sep 19 j 22:08	0°♋	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9751 Oct 07 j 11:50	26°♋01'13	
	-9751 Oct 10 j 00:05	0°♌	
morning set	-9751 Oct 12 j 05:11	3°♌33'48	
max. Earth dist.	-9751 Oct 17 j 19:25	12°♌49'33	1.40789 AU
superior conj	-9751 Oct 25 j 11:16	26°♌10'26	-1°33'14
minimum elong	-9751 Oct 25 j 08:06	25°♌56'13	1°32'38
	-9751 Oct 27 j 14:02	0°♍	
evening rise	-9751 Nov 04 j 10:51	14°♍38'02	
	-9751 Nov 12 j 22:12	0°♎	
asc. node	-9751 Nov 18 j 01:01	7°♎38'02	
evening max el	-9751 Nov 20 j 15:53	10°♎35'46	18°18'20
retrograde	-9751 Nov 27 j 23:00	14°♎14'37	
evening set	-9751 Nov 30 j 11:27	13°♎49'36	
inferior conj	-9751 Dec 07 j 17:33	9°♎05'16	4°12'47
minimum elong	-9751 Dec 07 j 16:04	9°♎08'25	4°12'39
min. Earth dist.	-9751 Dec 10 j 22:42	6°♎22'10	0.59920 AU
morning rise	-9751 Dec 14 j 19:03	3°♎38'11	
direct	-9751 Dec 21 j 11:18	1°♎39'13	
desc. node	-9750 Jan 03 j 13:09	8°♎09'47	
morning max el	-9750 Jan 04 j 12:53	9°♎05'25	26°57'01
	-9750 Jan 20 j 14:19	0°♏	
morning set	-9750 Feb 04 j 01:35	26°♏45'49	
	-9750 Feb 05 j 14:37	0°♐	
superior conj	-9750 Feb 11 j 02:49	11°♐54'01	-0°27'40
minimum elong	-9750 Feb 11 j 03:57	12°♐00'16	0°27'58
max. Earth dist.	-9750 Feb 10 j 20:22	11°♐18'48	1.32756 AU
asc. node	-9750 Feb 13 j 23:02	18°♐05'57	
evening rise	-9750 Feb 18 j 03:53	27°♐04'08	
	-9750 Feb 19 j 13:53	0°♑	
	-9750 Mar 08 j 21:07	0°♒	
evening max el	-9750 Mar 18 j 14:29	11°♒31'41	26°03'32
retrograde	-9750 Apr 01 j 17:37	18°♒50'11	
desc. node	-9750 Apr 01 j 13:07	18°♒50'05	
evening set	-9750 Apr 07 j 11:58	17°♒28'13	
min. Earth dist.	-9750 Apr 12 j 03:43	14°♒37'57	0.58759 AU
inferior conj	-9750 Apr 15 j 11:11	12°♒08'16	-3°03'30
minimum elong	-9750 Apr 15 j 07:36	12°♒15'05	3°03'19
morning rise	-9750 Apr 23 j 06:14	7°♒39'42	
direct	-9750 Apr 25 j 15:39	7°♒20'12	
morning max el	-9750 May 03 j 13:21	11°♒06'38	18°34'00
asc. node	-9750 May 12 j 22:46	24°♒12'27	
	-9750 May 16 j 03:39	0°♓	
morning set	-9750 May 19 j 18:48	6°♓53'45	
superior conj	-9750 May 28 j 23:01	24°♓23'17	1°46'24
minimum elong	-9750 May 28 j 21:12	24°♓14'49	1°46'12
	-9750 Jun 01 j 00:19	0°♈	
max. Earth dist.	-9750 Jun 05 j 02:08	7°♈15'41	1.39683 AU
evening rise	-9750 Jun 09 j 11:53	14°♈49'17	
	-9750 Jun 18 j 21:15	0°♉	
desc. node	-9750 Jun 28 j 10:27	14°♉14'42	
	-9750 Jul 10 j 09:17	0°♊	
evening max el	-9750 Jul 14 j 12:22	4°♊31'18	23°39'48
retrograde	-9750 Jul 25 j 02:31	10°♊47'45	
evening set	-9750 Jul 30 j 06:45	8°♊35'07	
min. Earth dist.	-9750 Aug 04 j 03:57	2°♊48'28	0.67210 AU
inferior conj	-9750 Aug 04 j 12:25	2°♊19'23	-1°24'01
minimum elong	-9750 Aug 04 j 14:08	2°♊13'32	1°22'54
	-9750 Aug 06 j 05:53	30°℞♉	
asc. node	-9750 Aug 08 j 23:21	26°♉54'09	
morning rise	-9750 Aug 09 j 21:26	26°♉06'59	
direct	-9750 Aug 13 j 23:06	24°♉33'37	
morning max el	-9750 Aug 22 j 13:21	29°♉40'54	21°13'33
	-9750 Aug 22 j 20:42	0°♊	
	-9750 Sep 13 j 16:19	0°♋	

morning set	-9750 Sep 21 j 17:09	12°♋23'26	
desc. node	-9750 Sep 24 j 08:43	16°♋34'10	
max. Earth dist.	-9750 Sep 30 j 00:15	25°♋39'31	1.42566 AU
	-9750 Oct 02 j 15:34	0°♌	
superior conj	-9750 Oct 06 j 22:08	7°♌10'33	-1°11'29
minimum elong	-9750 Oct 06 j 17:16	6°♌49'52	1°10'30
evening rise	-9750 Oct 18 j 10:35	27°♌24'06	
	-9750 Oct 19 j 21:19	0°♍	
evening max el	-9750 Nov 04 j 02:50	23°♍43'41	18°07'27
asc. node	-9750 Nov 04 j 22:17	24°♍29'54	
retrograde	-9750 Nov 10 j 21:21	27°♍15'15	
evening set	-9750 Nov 13 j 11:35	26°♍44'14	
inferior conj	-9750 Nov 20 j 05:48	21°♍38'36	3°50'46
minimum elong	-9750 Nov 20 j 02:31	21°♍46'33	3°50'23
min. Earth dist.	-9750 Nov 23 j 02:23	18°♍52'57	0.61782 AU
morning rise	-9750 Nov 26 j 16:22	15°♍55'14	
direct	-9750 Dec 03 j 18:02	13°♍26'45	
morning max el	-9750 Dec 17 j 15:19	20°♍58'28	27°32'02
desc. node	-9750 Dec 21 j 09:52	24°♍56'50	
	-9750 Dec 25 j 13:53	0°♎	
	-9749 Jan 13 j 11:11	0°♏	
morning set	-9749 Jan 19 j 07:35	11°♏29'07	
max. Earth dist.	-9749 Jan 25 j 08:05	24°♏11'57	1.32943 AU
superior conj	-9749 Jan 26 j 14:00	26°♏54'09	-0°49'28
minimum elong	-9749 Jan 26 j 15:53	27°♏04'19	0°49'35
	-9749 Jan 28 j 00:11	0°♐	
asc. node	-9749 Jan 31 j 20:12	8°♐17'37	
evening rise	-9749 Feb 02 j 14:43	12°♐02'59	
	-9749 Feb 11 j 20:33	0°♑	
evening max el	-9749 Feb 28 j 09:14	22°♑36'54	24°42'55
retrograde	-9749 Mar 14 j 07:35	29°♑36'38	
evening set	-9749 Mar 18 j 23:03	28°♑47'39	
desc. node	-9749 Mar 19 j 10:16	28°♑37'32	
min. Earth dist.	-9749 Mar 24 j 22:28	25°♑43'38	0.56996 AU
inferior conj	-9749 Mar 27 j 15:51	23°♑56'36	-2°01'06
minimum elong	-9749 Mar 27 j 11:52	24°♑03'11	2°00'35
morning rise	-9749 Apr 05 j 03:50	19°♑45'12	
direct	-9749 Apr 07 j 10:07	19°♑30'36	
morning max el	-9749 Apr 16 j 15:10	23°♑50'46	19°19'56
	-9749 Apr 21 j 19:42	0°♒	
asc. node	-9749 Apr 29 j 19:39	13°♒29'50	
morning set	-9749 May 03 j 16:11	21°♒00'04	
	-9749 May 08 j 04:32	0°♓	
superior conj	-9749 May 12 j 00:51	7°♓34'43	1°34'29
minimum elong	-9749 May 11 j 21:59	7°♓20'48	1°33'56
max. Earth dist.	-9749 May 18 j 02:54	19°♓06'53	1.37824 AU
evening rise	-9749 May 22 j 02:10	26°♓16'30	
	-9749 May 24 j 05:20	0°♈	
	-9749 Jun 12 j 09:29	0°♉	
desc. node	-9749 Jun 15 j 07:51	4°♉01'59	
evening max el	-9749 Jun 26 j 22:26	17°♉54'24	24°59'39
retrograde	-9749 Jul 08 j 14:40	24°♉45'16	
evening set	-9749 Jul 14 j 09:51	22°♉14'02	
min. Earth dist.	-9749 Jul 18 j 21:24	17°♉04'37	0.66890 AU
inferior conj	-9749 Jul 19 j 17:17	15°♉58'28	-2°08'01
minimum elong	-9749 Jul 19 j 19:40	15°♉50'34	2°06'52
morning rise	-9749 Jul 25 j 05:27	9°♉54'49	
asc. node	-9749 Jul 26 j 20:17	9°♉01'36	
direct	-9749 Jul 28 j 20:38	8°♉38'16	
morning max el	-9749 Aug 05 j 12:37	13°♉07'12	20°03'40
	-9749 Aug 18 j 04:43	0°♊	
morning set	-9749 Aug 31 j 18:47	20°♊47'11	
	-9749 Sep 06 j 16:14	0°♋	
desc. node	-9749 Sep 11 j 05:42	7°♋12'59	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9749 Sep 12 j 11:52	9°♋13'18	1.43879 AU
superior conj	-9749 Sep 17 j 05:21	16°♋50'26	-0°35'58
minimum elong	-9749 Sep 17 j 01:38	16°♋35'18	0°34'56
	-9749 Sep 25 j 04:33	0°♌	
evening rise	-9749 Sep 30 j 16:25	9°♌18'44	
	-9749 Oct 13 j 04:04	0°♍	
evening max el	-9749 Oct 18 j 16:07	7°♍04'00	18°15'32
asc. node	-9749 Oct 22 j 19:31	10°♍07'02	
retrograde	-9749 Oct 25 j 06:26	10°♍38'28	
evening set	-9749 Oct 28 j 00:12	9°♍59'24	
inferior conj	-9749 Nov 03 j 08:01	4°♍34'26	3°13'49
minimum elong	-9749 Nov 03 j 04:21	4°♍44'26	3°13'11
min. Earth dist.	-9749 Nov 05 j 15:47	2°♍03'17	0.63447 AU
	-9749 Nov 07 j 17:10	30℞♌	
morning rise	-9749 Nov 09 j 07:47	28°♌37'30	
direct	-9749 Nov 16 j 08:07	25°♌53'46	
	-9749 Nov 26 j 00:02	0°♍	
morning max el	-9749 Nov 29 j 22:40	3°♍27'52	27°31'59
desc. node	-9749 Dec 08 j 06:33	12°♍58'19	
	-9749 Dec 19 j 23:29	0°♎	
morning set	-9748 Jan 03 j 07:01	25°♎49'03	
	-9748 Jan 05 j 08:42	0°♏	
max. Earth dist.	-9748 Jan 08 j 14:19	6°♏43'27	1.33505 AU
superior conj	-9748 Jan 10 j 22:47	11°♏43'44	-1°09'04
minimum elong	-9748 Jan 11 j 01:04	11°♏55'58	1°09'04
evening rise	-9748 Jan 18 j 02:02	26°♏59'24	
asc. node	-9748 Jan 18 j 17:24	28°♏19'43	
	-9748 Jan 19 j 12:47	0°♐	
	-9748 Feb 06 j 19:15	0°♑	
evening max el	-9748 Feb 10 j 02:30	3°♑27'17	23°09'58
retrograde	-9748 Feb 23 j 08:34	9°♑54'39	
evening set	-9748 Feb 26 j 22:13	9°♑26'49	
desc. node	-9748 Mar 05 j 07:19	6°♑07'45	
min. Earth dist.	-9748 Mar 05 j 14:12	5°♑57'46	0.55791 AU
inferior conj	-9748 Mar 07 j 01:33	5°♑05'49	-0°27'32
minimum elong	-9748 Mar 07 j 00:22	5°♑07'35	0°27'43
morning rise	-9748 Mar 16 j 04:34	1°♑03'56	
direct	-9748 Mar 18 j 11:15	0°♑51'15	
morning max el	-9748 Mar 29 j 07:12	5°♑58'02	20°25'40
	-9748 Apr 14 j 02:20	0°♒	
asc. node	-9748 Apr 15 j 16:33	3°♒10'01	
morning set	-9748 Apr 16 j 20:40	5°♒32'06	
superior conj	-9748 Apr 24 j 15:23	21°♒27'31	1°16'55
minimum elong	-9748 Apr 24 j 12:30	21°♒12'54	1°16'08
	-9748 Apr 28 j 22:31	0°♓	
max. Earth dist.	-9748 Apr 29 j 09:04	0°♓51'14	1.36154 AU
evening rise	-9748 May 03 j 14:38	8°♓52'27	
	-9748 May 15 j 21:17	0°♈	
desc. node	-9748 Jun 01 j 05:15	23°♈18'00	
	-9748 Jun 07 j 01:37	0°♉	
evening max el	-9748 Jun 08 j 08:34	1°♉18'28	26°09'11
retrograde	-9748 Jun 20 j 22:16	8°♉33'27	
evening set	-9748 Jun 27 j 07:15	5°♉49'08	
min. Earth dist.	-9748 Jul 01 j 10:10	1°♉19'01	0.66214 AU
	-9748 Jul 02 j 11:16	30℞♈	
inferior conj	-9748 Jul 02 j 18:52	29°♈36'00	-2°46'07
minimum elong	-9748 Jul 02 j 21:32	29°♈27'36	2°45'13
morning rise	-9748 Jul 08 j 11:53	23°♈44'21	
direct	-9748 Jul 11 j 18:36	22°♈42'23	
asc. node	-9748 Jul 12 j 17:10	22°♈47'20	
morning max el	-9748 Jul 18 j 18:23	26°♈40'44	19°07'45
	-9748 Jul 21 j 15:45	0°♉	
morning set	-9748 Aug 10 j 06:58	29°♉43'18	
	-9748 Aug 10 j 11:11	0°♊	

max. Earth dist.	-9748 Aug 25 j 04:04	23°♊14'21	1.44554 AU
superior conj	-9748 Aug 26 j 12:22	25°♊22'11	0°09'42
minimum elong	-9748 Aug 26 j 13:39	25°♊27'16	0°10'07
behind sun begin	-9748 Aug 26 j 04:36	24°♊51'28	
behind sun end	-9748 Aug 26 j 22:41	26°♊03'05	
desc. node	-9748 Aug 28 j 02:46	27°♊54'28	
	-9748 Aug 29 j 10:22	0°♋	
evening rise	-9748 Sep 10 j 22:59	20°♋09'21	
	-9748 Sep 17 j 00:01	0°♌	
evening max el	-9748 Oct 01 j 04:51	20°♌30'45	18°41'35
retrograde	-9748 Oct 07 j 22:29	24°♌17'10	
asc. node	-9748 Oct 08 j 16:43	24°♌13'55	
evening set	-9748 Oct 10 j 21:49	23°♌27'33	
inferior conj	-9748 Oct 16 j 20:52	17°♌46'18	2°28'08
minimum elong	-9748 Oct 16 j 17:41	17°♌55'47	2°27'32
min. Earth dist.	-9748 Oct 18 j 15:13	15°♌40'11	0.64816 AU
morning rise	-9748 Oct 22 j 13:05	11°♌38'35	
direct	-9748 Oct 29 j 04:49	8°♌53'02	
morning max el	-9748 Nov 11 j 08:35	16°♌24'07	26°59'40
	-9748 Nov 22 j 18:35	0°♍	
desc. node	-9748 Nov 24 j 03:14	1°♍52'30	
	-9748 Dec 11 j 17:17	0°♎	
morning set	-9748 Dec 16 j 20:47	9°♎35'45	
max. Earth dist.	-9748 Dec 21 j 11:36	18°♎44'20	1.34476 AU
superior conj	-9748 Dec 25 j 03:11	26°♎16'07	-1°25'26
minimum elong	-9748 Dec 25 j 05:26	26°♎27'54	1°25'24
	-9748 Dec 26 j 21:48	0°♏	
evening rise	-9747 Jan 01 j 12:11	11°♏47'31	
asc. node	-9747 Jan 04 j 14:39	18°♏07'09	
	-9747 Jan 11 j 01:01	0°♐	
evening max el	-9747 Jan 21 j 23:43	14°♐27'15	21°38'15
retrograde	-9747 Feb 03 j 00:19	20°♐09'56	
evening set	-9747 Feb 05 j 20:56	19°♐51'31	
inferior conj	-9747 Feb 14 j 23:33	15°♐49'26	1°21'08
minimum elong	-9747 Feb 15 j 03:01	15°♐44'31	1°19'29
min. Earth dist.	-9747 Feb 15 j 04:35	15°♐42'18	0.55392 AU
desc. node	-9747 Feb 20 j 04:18	13°♐05'16	
morning rise	-9747 Feb 24 j 09:08	11°♐42'24	
direct	-9747 Feb 27 j 01:53	11°♐26'11	
morning max el	-9747 Mar 11 j 12:09	17°♐24'46	21°49'05
	-9747 Mar 21 j 08:07	0°♑	
morning set	-9747 Apr 01 j 05:49	20°♑22'07	
asc. node	-9747 Apr 02 j 13:30	23°♑06'49	
	-9747 Apr 05 j 20:06	0°♒	
superior conj	-9747 Apr 08 j 14:53	5°♒50'30	0°55'53
minimum elong	-9747 Apr 08 j 12:35	5°♒38'29	0°55'00
max. Earth dist.	-9747 Apr 12 j 00:29	12°♒50'55	1.34797 AU
evening rise	-9747 Apr 16 j 19:38	22°♒20'53	
	-9747 Apr 20 j 21:32	0°♓	
	-9747 May 09 j 14:25	0°♈	
desc. node	-9747 May 19 j 02:39	11°♈49'45	
evening max el	-9747 May 21 j 19:18	14°♈37'04	27°00'02
retrograde	-9747 Jun 04 j 00:55	22°♈05'31	
evening set	-9747 Jun 10 j 20:23	19°♈17'31	
min. Earth dist.	-9747 Jun 14 j 16:08	15°♈25'49	0.65145 AU
inferior conj	-9747 Jun 16 j 14:59	13°♈08'58	-3°16'22
minimum elong	-9747 Jun 16 j 17:24	13°♈01'55	3°15'53
morning rise	-9747 Jun 22 j 14:47	7°♈32'05	
direct	-9747 Jun 25 j 14:50	6°♈42'29	
asc. node	-9747 Jun 29 j 14:03	8°♈05'11	
morning max el	-9747 Jul 02 j 05:10	10°♈19'16	18°27'56
	-9747 Jul 15 j 20:26	0°♉	
morning set	-9747 Jul 21 j 18:41	9°♉45'26	
	-9747 Aug 03 j 06:03	0°♊	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9747 Aug 05 j 12:20	3°♊36'20	0°55'03
minimum elong	-9747 Aug 05 j 18:20	4°♊00'11	0°54'52
max. Earth dist.	-9747 Aug 07 j 21:04	7°♊21'27	1.44521 AU
desc. node	-9747 Aug 14 j 23:55	18°♊35'18	
evening rise	-9747 Aug 22 j 02:42	29°♊46'26	
	-9747 Aug 22 j 06:09	0°♋	
greatest brilliancy	-9747 Aug 31 j 22:26	15°♋07'37	-0.8m
	-9747 Sep 11 j 04:23	0°♌	
evening max el	-9747 Sep 14 j 14:18	3°♌58'41	19°24'26
retrograde	-9747 Sep 21 j 18:09	8°♌05'37	
evening set	-9747 Sep 25 j 01:21	7°♌02'24	
asc. node	-9747 Sep 25 j 13:54	6°♌40'56	
inferior conj	-9747 Sep 30 j 17:21	1°♌08'17	1°37'43
minimum elong	-9747 Sep 30 j 15:09	1°♌15'20	1°37'25
	-9747 Oct 01 j 14:41	30°℞♋	
min. Earth dist.	-9747 Oct 01 j 23:17	29°♋32'38	0.65874 AU
morning rise	-9747 Oct 06 j 04:37	24°♋53'03	
direct	-9747 Oct 12 j 07:38	22°♋15'57	
morning max el	-9747 Oct 24 j 18:39	29°♋33'46	26°01'25
	-9747 Oct 25 j 05:05	0°♌	
desc. node	-9747 Nov 10 j 23:56	21°♌23'09	
	-9747 Nov 16 j 15:29	0°♍	
morning set	-9747 Nov 29 j 20:40	22°♍35'38	
	-9747 Dec 03 j 18:51	0°♎	
max. Earth dist.	-9747 Dec 03 j 21:36	0°♎13'17	1.35875 AU
superior conj	-9747 Dec 09 j 00:38	10°♎22'24	-1°37'17
minimum elong	-9747 Dec 09 j 02:15	10°♎30'36	1°37'14
evening rise	-9747 Dec 16 j 19:18	26°♎20'25	
	-9747 Dec 18 j 14:38	0°♏	
asc. node	-9747 Dec 22 j 11:55	7°♏33'03	
evening max el	-9746 Jan 04 j 05:33	25°♏55'10	20°18'22
	-9746 Jan 10 j 08:43	0°♐	
retrograde	-9746 Jan 14 j 16:22	0°♐49'39	
evening set	-9746 Jan 17 j 05:57	0°♐33'10	
	-9746 Jan 19 j 05:01	30°℞♏	
inferior conj	-9746 Jan 25 j 22:50	26°♏33'22	2°55'53
minimum elong	-9746 Jan 26 j 04:32	26°♏24'48	2°54'03
min. Earth dist.	-9746 Jan 27 j 18:31	25°♏27'52	0.55873 AU
morning rise	-9746 Feb 04 j 01:17	22°♏05'45	
desc. node	-9746 Feb 07 j 01:13	21°♏36'28	
direct	-9746 Feb 07 j 18:28	21°♏35'18	
morning max el	-9746 Feb 21 j 07:32	28°♏17'39	23°24'20
	-9746 Feb 23 j 00:16	0°♐	
	-9746 Mar 14 j 02:42	0°♑	
morning set	-9746 Mar 16 j 17:34	5°♑23'04	
asc. node	-9746 Mar 20 j 10:30	13°♑14'57	
superior conj	-9746 Mar 23 j 20:30	20°♑34'27	0°32'56
minimum elong	-9746 Mar 23 j 19:07	20°♑27'00	0°32'06
max. Earth dist.	-9746 Mar 26 j 01:43	25°♑16'52	1.33794 AU
	-9746 Mar 28 j 08:00	0°♒	
evening rise	-9746 Mar 31 j 12:27	6°♒27'28	
	-9746 Apr 13 j 11:59	0°♓	
evening max el	-9746 May 04 j 05:42	27°♓40'32	27°24'58
desc. node	-9746 May 06 j 00:02	29°♓18'50	
	-9746 May 06 j 19:03	0°♈	
retrograde	-9746 May 17 j 22:08	5°♈13'09	
evening set	-9746 May 24 j 22:14	2°♈34'18	
	-9746 May 27 j 20:11	30°℞♓	
min. Earth dist.	-9746 May 28 j 13:46	29°♓15'35	0.63681 AU
inferior conj	-9746 May 31 j 03:08	26°♓33'01	-3°35'59
minimum elong	-9746 May 31 j 04:36	26°♓29'08	3°35'58
morning rise	-9746 Jun 06 j 11:47	21°♓13'16	
direct	-9746 Jun 09 j 06:48	20°♓33'55	
morning max el	-9746 Jun 15 j 18:48	23°♓58'50	18°05'34
asc. node	-9746 Jun 16 j 10:54	24°♓40'30	
	-9746 Jun 20 j 15:04	0°♈	
morning set	-9746 Jul 03 j 07:53	20°♈59'26	
	-9746 Jul 08 j 14:09	0°♉	
superior conj	-9746 Jul 16 j 03:33	12°♉37'04	1°28'43
minimum elong	-9746 Jul 16 j 09:25	13°♉01'05	1°28'36
max. Earth dist.	-9746 Jul 21 j 11:51	21°♉17'13	1.43799 AU
	-9746 Jul 26 j 23:30	0°♊	
evening rise	-9746 Aug 01 j 08:33	8°♊23'57	
desc. node	-9746 Aug 01 j 21:10	9°♊12'50	
	-9746 Aug 15 j 13:38	0°♋	
evening max el	-9746 Aug 28 j 18:25	17°♋25'43	20°22'27
retrograde	-9746 Sep 05 j 14:59	22°♋01'19	
evening set	-9746 Sep 09 j 08:23	20°♋41'19	
asc. node	-9746 Sep 12 j 11:02	17°♋38'25	
inferior conj	-9746 Sep 14 j 19:06	14°♋37'31	0°45'28
minimum elong	-9746 Sep 14 j 18:04	14°♋41'01	0°45'37
min. Earth dist.	-9746 Sep 15 j 13:44	13°♋35'05	0.66631 AU
morning rise	-9746 Sep 20 j 03:31	8°♋18'30	
direct	-9746 Sep 25 j 16:10	5°♋56'36	
morning max el	-9746 Oct 07 j 04:03	12°♋47'42	24°45'43
	-9746 Oct 21 j 02:33	0°♌	
desc. node	-9746 Oct 28 j 20:41	11°♌20'00	
	-9746 Nov 09 j 10:10	0°♍	
morning set	-9746 Nov 12 j 01:30	4°♍34'21	
max. Earth dist.	-9746 Nov 15 j 22:04	11°♍28'56	1.37659 AU
superior conj	-9746 Nov 22 j 11:57	23°♍53'27	-1°42'51
minimum elong	-9746 Nov 22 j 12:12	23°♍54'42	1°42'43
	-9746 Nov 25 j 14:36	0°♎	
evening rise	-9746 Nov 30 j 21:23	10°♎32'30	
asc. node	-9746 Dec 09 j 09:14	26°♎29'53	
	-9746 Dec 11 j 13:22	0°♏	
evening max el	-9746 Dec 17 j 21:41	7°♏57'34	19°16'04
retrograde	-9746 Dec 26 j 19:56	12°♏11'48	
evening set	-9746 Dec 29 j 08:08	11°♏53'14	
inferior conj	-9745 Jan 06 j 11:26	7°♏41'22	3°54'52
minimum elong	-9745 Jan 06 j 15:13	7°♏34'57	3°54'04
min. Earth dist.	-9745 Jan 09 j 08:41	5°♏44'47	0.57115 AU
morning rise	-9745 Jan 14 j 20:02	2°♏48'20	
direct	-9745 Jan 19 j 21:45	1°♏48'50	
desc. node	-9745 Jan 24 j 22:04	2°♏47'18	
morning max el	-9745 Feb 02 j 22:17	8°♏57'15	25°00'12
	-9745 Feb 18 j 13:46	0°♐	
morning set	-9745 Mar 01 j 06:03	20°♐28'07	
	-9745 Mar 05 j 16:54	0°♑	
asc. node	-9745 Mar 07 j 07:31	3°♑29'38	
superior conj	-9745 Mar 08 j 05:57	5°♑31'22	0°09'12
minimum elong	-9745 Mar 08 j 05:35	5°♑29'20	0°08'33
behind sun begin	-9745 Mar 08 j 01:18	5°♑06'06	
behind sun end	-9745 Mar 08 j 09:52	5°♑52'34	
max. Earth dist.	-9745 Mar 09 j 10:37	8°♑06'30	1.33137 AU
evening rise	-9745 Mar 15 j 13:29	21°♑00'06	
	-9745 Mar 20 j 02:53	0°♒	
	-9745 Apr 07 j 15:38	0°♓	
evening max el	-9745 Apr 16 j 13:36	10°♓16'46	27°18'42
desc. node	-9745 Apr 22 j 21:22	15°♓18'55	
retrograde	-9745 Apr 30 j 12:40	17°♓46'53	
evening set	-9745 May 07 j 09:13	15°♓30'52	
min. Earth dist.	-9745 May 11 j 02:13	12°♓34'36	0.61888 AU
inferior conj	-9745 May 14 j 04:08	9°♓40'54	-3°40'47
minimum elong	-9745 May 14 j 03:52	9°♓41'32	3°41'03
morning rise	-9745 May 21 j 00:03	4°♓40'11	
direct	-9745 May 23 j 15:09	4°♓09'27	
morning max el	-9745 May 30 j 08:39	7°♓32'48	18°01'32
asc. node	-9745 Jun 03 j 07:43	12°♓16'45	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9745 Jun 13 j 23:17	0°♈	
morning set	-9745 Jun 15 j 18:41	3°♈15'38	
superior conj	-9745 Jun 26 j 21:10	22°♈55'29	1°46'20
minimum elong	-9745 Jun 26 j 23:43	23°♈06'27	1°46'24
	-9745 Jul 01 j 01:17	0°♉	
max. Earth dist.	-9745 Jul 03 j 22:06	4°♉45'21	1.42490 AU
evening rise	-9745 Jul 11 j 10:45	16°♉51'57	
desc. node	-9745 Jul 19 j 18:30	29°♉42'57	
	-9745 Jul 19 j 23:01	0°♊	
	-9745 Aug 10 j 20:46	0°♋	
evening max el	-9745 Aug 11 j 15:51	0°♋49'44	21°33'12
retrograde	-9745 Aug 20 j 10:58	6°♋01'32	
evening set	-9745 Aug 24 j 16:46	4°♋21'51	
	-9745 Aug 28 j 16:03	30°℞♊	
inferior conj	-9745 Aug 30 j 00:01	28°♊11'24	-0°06'34
minimum elong	-9745 Aug 30 j 00:09	28°♊10'56	0°05'56
transit middle	-9745 Aug 30 j 00:09	28°♊10'56	0°05'56
transit begin	-9745 Aug 29 j 21:38	28°♊19'37	
transit end	-9745 Aug 30 j 02:41	28°♊02'16	
asc. node	-9745 Aug 30 j 08:06	27°♊43'39	
min. Earth dist.	-9745 Aug 30 j 08:05	27°♊43'41	0.67093 AU
morning rise	-9745 Sep 04 j 07:23	21°♊52'18	
direct	-9745 Sep 09 j 05:33	19°♊49'03	
morning max el	-9745 Sep 19 j 14:09	26°♊02'13	23°21'58
	-9745 Sep 23 j 04:37	0°♋	
	-9745 Oct 14 j 16:54	0°♌	
desc. node	-9745 Oct 15 j 17:30	1°♌35'25	
morning set	-9745 Oct 24 j 05:46	15°♌18'25	
max. Earth dist.	-9745 Oct 28 j 19:48	23°♌06'20	1.39654 AU
	-9745 Nov 01 j 17:34	0°♍	
superior conj	-9745 Nov 05 j 08:51	6°♍37'43	-1°39'52
minimum elong	-9745 Nov 05 j 07:01	6°♍29'17	1°39'30
evening rise	-9745 Nov 14 j 15:56	24°♍17'53	
	-9745 Nov 17 j 15:34	0°♎	
asc. node	-9745 Nov 26 j 06:32	14°♎48'16	
evening max el	-9745 Nov 30 j 23:04	20°♎31'17	18°33'37
retrograde	-9745 Dec 08 j 17:23	24°♎19'07	
evening set	-9745 Dec 11 j 05:39	23°♎56'40	
inferior conj	-9745 Dec 18 j 19:07	19°♎24'40	4°15'16
minimum elong	-9745 Dec 18 j 19:22	19°♎24'12	4°15'09
min. Earth dist.	-9745 Dec 22 j 01:15	16°♎52'52	0.58837 AU
morning rise	-9745 Dec 26 j 07:16	14°♎09'10	
direct	-9744 Jan 01 j 12:47	12°♎31'43	
desc. node	-9744 Jan 11 j 18:50	16°♎34'52	
morning max el	-9744 Jan 15 j 15:05	19°♎52'24	26°21'58
	-9744 Jan 24 j 07:40	0°♏	
	-9744 Feb 11 j 01:06	0°♐	
morning set	-9744 Feb 13 j 17:34	5°♐30'58	
superior conj	-9744 Feb 20 j 17:25	20°♐34'49	-0°14'25
minimum elong	-9744 Feb 20 j 18:03	20°♐38'14	0°14'51
behind sun begin	-9744 Feb 20 j 16:23	20°♐29'10	
behind sun end	-9744 Feb 20 j 19:42	20°♐47'18	
max. Earth dist.	-9744 Feb 20 j 23:43	21°♐09'14	1.32805 AU
asc. node	-9744 Feb 22 j 04:38	23°♐46'53	
	-9744 Feb 25 j 01:41	0°♑	
evening rise	-9744 Feb 27 j 20:00	5°♑49'28	
	-9744 Mar 11 j 19:11	0°♒	
evening max el	-9744 Mar 28 j 16:40	22°♒16'43	26°39'37
desc. node	-9744 Apr 08 j 18:36	29°♒17'14	
retrograde	-9744 Apr 11 j 19:02	29°♒40'14	
evening set	-9744 Apr 18 j 02:02	27°♒57'22	
min. Earth dist.	-9744 Apr 22 j 05:52	25°♒09'25	0.59907 AU
inferior conj	-9744 Apr 25 j 14:25	22°♒24'38	-3°24'54
minimum elong	-9744 Apr 25 j 11:57	22°♒29'45	3°25'00
morning rise	-9744 May 03 j 00:17	17°♒44'19	
direct	-9744 May 05 j 11:58	17°♒20'55	
morning max el	-9744 May 12 j 20:07	20°♒54'37	18°16'30
	-9744 May 19 j 18:28	0°♓	
asc. node	-9744 May 20 j 04:34	0°♓40'47	
morning set	-9744 May 28 j 22:12	16°♓22'52	
	-9744 Jun 05 j 05:02	0°♈	
superior conj	-9744 Jun 07 j 16:46	4°♈32'19	1°49'36
minimum elong	-9744 Jun 07 j 16:10	4°♈29'35	1°49'33
max. Earth dist.	-9744 Jun 15 j 02:52	17°♈34'24	1.40773 AU
evening rise	-9744 Jun 20 j 06:39	26°♈11'26	
	-9744 Jun 22 j 14:58	0°♉	
desc. node	-9744 Jul 05 j 15:52	20°♉01'11	
	-9744 Jul 12 j 16:46	0°♊	
evening max el	-9744 Jul 24 j 06:56	14°♊11'04	22°52'31
retrograde	-9744 Aug 03 j 04:45	20°♊03'41	
evening set	-9744 Aug 08 j 00:37	18°♊02'48	
inferior conj	-9744 Aug 13 j 06:17	11°♊48'17	-0°56'39
minimum elong	-9744 Aug 13 j 07:28	11°♊44'11	0°55'40
min. Earth dist.	-9744 Aug 13 j 03:54	11°♊56'32	0.67259 AU
asc. node	-9744 Aug 16 j 05:06	7°♊56'00	
morning rise	-9744 Aug 18 j 14:15	5°♊32'42	
direct	-9744 Aug 22 j 22:55	3°♊48'49	
morning max el	-9744 Sep 01 j 03:50	9°♊19'31	21°58'36
	-9744 Sep 17 j 01:23	0°♋	
desc. node	-9744 Oct 01 j 14:23	22°♋03'24	
morning set	-9744 Oct 03 j 07:00	24°♋44'37	
	-9744 Oct 06 j 13:18	0°♌	
max. Earth dist.	-9744 Oct 09 j 21:43	5°♌30'50	1.41591 AU
superior conj	-9744 Oct 17 j 09:49	18°♌20'04	-1°25'40
minimum elong	-9744 Oct 17 j 05:45	18°♌02'12	1°24'55
	-9744 Oct 23 j 22:05	0°♍	
evening rise	-9744 Oct 27 j 23:44	7°♍28'35	
	-9744 Nov 10 j 07:30	0°♎	
asc. node	-9744 Nov 12 j 03:49	2°♎15'48	
evening max el	-9744 Nov 13 j 07:16	3°♎28'29	18°11'17
retrograde	-9744 Nov 20 j 07:53	7°♎03'05	
evening set	-9744 Nov 22 j 20:57	6°♎35'37	
inferior conj	-9744 Nov 29 j 21:45	1°♎41'42	4°05'46
minimum elong	-9744 Nov 29 j 19:19	1°♎47'12	4°05'34
	-9744 Dec 01 j 18:37	30°℞♍	
min. Earth dist.	-9744 Dec 02 j 23:54	28°♍55'22	0.60722 AU
morning rise	-9744 Dec 06 j 16:21	26°♍07'21	
direct	-9744 Dec 13 j 13:57	23°♍54'41	
	-9744 Dec 26 j 02:15	0°♎	
morning max el	-9744 Dec 27 j 14:02	1°♎22'56	27°16'21
desc. node	-9744 Dec 28 j 15:34	2°♎26'08	
	-9743 Jan 17 j 09:21	0°♏	
morning set	-9743 Jan 28 j 02:11	20°♏23'27	
	-9743 Feb 01 j 15:03	0°♐	
max. Earth dist.	-9743 Feb 03 j 13:08	4°♐10'06	1.32795 AU
superior conj	-9743 Feb 04 j 05:09	5°♐37'25	-0°37'07
minimum elong	-9743 Feb 04 j 06:38	5°♐45'31	0°37'20
asc. node	-9743 Feb 08 j 01:46	14°♐01'32	
evening rise	-9743 Feb 11 j 05:45	20°♐46'23	
	-9743 Feb 15 j 19:02	0°♑	
	-9743 Mar 07 j 02:21	0°♒	
evening max el	-9743 Mar 10 j 13:47	3°♒37'51	25°31'30
retrograde	-9743 Mar 24 j 15:33	10°♒49'40	
desc. node	-9743 Mar 26 j 15:44	10°♒39'58	
evening set	-9743 Mar 29 j 23:15	9°♒42'28	
min. Earth dist.	-9743 Apr 04 j 02:45	6°♒48'05	0.57967 AU
inferior conj	-9743 Apr 07 j 06:25	4°♒34'18	-2°41'07
minimum elong	-9743 Apr 07 j 02:20	4°♒41'35	2°40'44

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning rise	-9743 Apr 15 j 08:38	0°♒13'52	
	-9743 Apr 16 j 16:10	30°℞♑	
direct	-9743 Apr 17 j 16:44	29°♑56'38	
	-9743 Apr 18 j 17:02	0°♒	
morning max el	-9743 Apr 26 j 02:18	3°♒55'04	18°51'09
asc. node	-9743 May 07 j 01:25	19°♒41'02	
morning set	-9743 May 12 j 14:04	0°♓10'02	
	-9743 May 12 j 12:00	0°♓	
superior conj	-9743 May 21 j 09:10	17°♓13'48	1°42'12
minimum elong	-9743 May 21 j 06:45	17°♓02'22	1°41'52
max. Earth dist.	-9743 May 28 j 03:36	29°♓42'11	1.38882 AU
	-9743 May 28 j 07:35	0°♈	
evening rise	-9743 Jun 01 j 05:39	6°♈51'42	
	-9743 Jun 15 j 15:09	0°♉	
desc. node	-9743 Jun 22 j 13:13	10°♉01'57	
evening max el	-9743 Jul 06 j 17:46	27°♉32'15	24°14'24
	-9743 Jul 09 j 09:19	0°♊	
retrograde	-9743 Jul 17 j 19:18	4°♊04'32	
evening set	-9743 Jul 23 j 06:02	1°♊43'13	
	-9743 Jul 24 j 23:01	30°℞♉	
min. Earth dist.	-9743 Jul 27 j 22:52	26°♉12'18	0.67116 AU
inferior conj	-9743 Jul 28 j 12:10	25°♉27'12	-1°43'19
minimum elong	-9743 Jul 28 j 14:12	25°♉20'18	1°42'09
morning rise	-9743 Aug 02 j 22:20	19°♉18'21	
asc. node	-9743 Aug 03 j 02:03	19°♉11'36	
direct	-9743 Aug 06 j 19:14	17°♉52'36	
morning max el	-9743 Aug 14 j 23:26	22°♉42'46	20°42'22
	-9743 Aug 21 j 01:07	0°♊	
	-9743 Sep 10 j 09:25	0°♋	
morning set	-9743 Sep 12 j 12:15	3°♋17'11	
desc. node	-9743 Sep 18 j 11:19	12°♋39'39	
max. Earth dist.	-9743 Sep 22 j 05:55	18°♋42'37	1.43191 AU
superior conj	-9743 Sep 28 j 09:12	28°♋46'32	-0°58'02
minimum elong	-9743 Sep 28 j 04:19	28°♋26'15	0°56'57
	-9743 Sep 29 j 02:48	0°♌	
evening rise	-9743 Oct 10 j 16:35	19°♌55'00	
	-9743 Oct 16 j 10:51	0°♍	
evening max el	-9743 Oct 27 j 19:31	16°♍42'23	18°08'35
asc. node	-9743 Oct 30 j 01:04	18°♍38'05	
retrograde	-9743 Nov 03 j 11:28	20°♍14'27	
evening set	-9743 Nov 06 j 02:51	19°♍40'23	
inferior conj	-9743 Nov 12 j 16:26	14°♍26'07	3°36'31
minimum elong	-9743 Nov 12 j 12:51	14°♍35'17	3°36'00
min. Earth dist.	-9743 Nov 15 j 07:46	11°♍44'49	0.62517 AU
morning rise	-9743 Nov 18 j 21:55	8°♍36'17	
direct	-9743 Nov 25 j 23:54	5°♍59'38	
morning max el	-9743 Dec 09 j 19:07	13°♍33'28	27°36'17
desc. node	-9743 Dec 15 j 12:18	19°♍48'13	
	-9743 Dec 23 j 03:56	0°♎	
	-9742 Jan 09 j 17:53	0°♏	
morning set	-9742 Jan 12 j 05:42	4°♏57'56	
max. Earth dist.	-9742 Jan 17 j 22:58	16°♏55'16	1.33134 AU
superior conj	-9742 Jan 19 j 15:31	20°♏33'32	-0°58'07
minimum elong	-9742 Jan 19 j 17:36	20°♏44'50	0°58'11
	-9742 Jan 24 j 00:15	0°♐	
asc. node	-9742 Jan 25 j 22:56	4°♐09'23	
evening rise	-9742 Jan 26 j 16:58	5°♐44'27	
	-9742 Feb 08 j 18:34	0°♑	
evening max el	-9742 Feb 20 j 07:01	14°♑32'39	24°03'57
retrograde	-9742 Mar 06 j 00:18	21°♑21'17	
evening set	-9742 Mar 10 j 04:04	20°♑42'49	
desc. node	-9742 Mar 13 j 12:51	19°♑20'46	
min. Earth dist.	-9742 Mar 16 j 19:56	17°♑29'29	0.56394 AU
inferior conj	-9742 Mar 19 j 02:30	16°♑04'39	-1°24'39
minimum elong	-9742 Mar 18 j 23:17	16°♑09'41	1°24'16
morning rise	-9742 Mar 27 j 21:29	11°♑58'59	
direct	-9742 Mar 30 j 03:00	11°♑45'49	
morning max el	-9742 Apr 09 j 00:17	16°♑24'28	19°45'39
	-9742 Apr 18 j 23:45	0°♒	
asc. node	-9742 Apr 23 j 22:16	9°♒08'32	
morning set	-9742 Apr 26 j 14:45	14°♒27'47	
	-9742 May 04 j 07:58	0°♓	
superior conj	-9742 May 04 j 16:54	0°♓44'19	1°27'34
minimum elong	-9742 May 04 j 13:56	0°♓29'36	1°26'55
max. Earth dist.	-9742 May 10 j 05:26	11°♓24'58	1.37073 AU
evening rise	-9742 May 14 j 06:01	18°♓49'51	
	-9742 May 20 j 16:03	0°♈	
desc. node	-9742 Jun 09 j 10:37	29°♈37'24	
	-9742 Jun 09 j 17:34	0°♉	
evening max el	-9742 Jun 19 j 03:26	10°♉55'30	25°31'00
retrograde	-9742 Jul 01 j 05:46	17°♉58'58	
evening set	-9742 Jul 07 j 07:00	15°♉21'08	
min. Earth dist.	-9742 Jul 11 j 14:39	10°♉28'17	0.66642 AU
inferior conj	-9742 Jul 12 j 15:52	9°♉06'04	-2°25'02
minimum elong	-9742 Jul 12 j 18:26	8°♉57'44	2°23'58
morning rise	-9742 Jul 18 j 05:53	3°♉07'08	
asc. node	-9742 Jul 20 j 22:57	2°♉00'31	
direct	-9742 Jul 21 j 17:07	1°♉57'15	
morning max el	-9742 Jul 29 j 01:38	6°♉12'35	19°38'00
	-9742 Aug 15 j 01:55	0°♊	
morning set	-9742 Aug 22 j 15:57	11°♊48'06	
	-9742 Sep 03 j 05:54	0°♋	
max. Earth dist.	-9742 Sep 04 j 19:16	2°♋28'09	1.44247 AU
desc. node	-9742 Sep 05 j 08:20	3°♋20'05	
superior conj	-9742 Sep 08 j 04:55	7°♋53'50	-0°17'21
minimum elong	-9742 Sep 08 j 02:58	7°♋45'58	0°16'31
	-9742 Sep 21 j 17:05	0°♌	
evening rise	-9742 Sep 22 j 13:08	1°♌23'47	
	-9742 Oct 11 j 06:35	0°♍	
evening max el	-9742 Oct 11 j 08:53	0°♍05'55	18°24'31
asc. node	-9742 Oct 16 j 22:19	3°♍38'25	
retrograde	-9742 Oct 17 j 23:54	3°♍44'33	
evening set	-9742 Oct 20 j 19:40	3°♍01'30	
	-9742 Oct 24 j 16:14	30°℞♌	
inferior conj	-9742 Oct 26 j 23:35	27°♌29'28	2°55'14
minimum elong	-9742 Oct 26 j 20:02	27°♌39'31	2°54'34
min. Earth dist.	-9742 Oct 29 j 01:43	25°♌07'39	0.64070 AU
morning rise	-9742 Nov 01 j 19:45	21°♌27'26	
direct	-9742 Nov 08 j 17:11	18°♌41'03	
morning max el	-9742 Nov 22 j 03:51	26°♌15'36	27°21'44
	-9742 Nov 25 j 16:57	0°♍	
desc. node	-9742 Dec 02 j 09:00	8°♍14'21	
	-9742 Dec 16 j 15:50	0°♎	
morning set	-9742 Dec 27 j 01:27	19°♎05'08	
max. Earth dist.	-9741 Jan 01 j 01:32	29°♎13'12	1.33861 AU
	-9741 Jan 01 j 10:31	0°♏	
superior conj	-9741 Jan 03 j 22:42	5°♏16'44	-1°16'30
minimum elong	-9741 Jan 04 j 01:02	5°♏29'07	1°16'28
evening rise	-9741 Jan 11 j 03:58	20°♏37'48	
asc. node	-9741 Jan 12 j 20:10	24°♏05'54	
	-9741 Jan 15 j 19:05	0°♐	
evening max el	-9741 Feb 02 j 01:24	25°♐24'49	22°30'09
	-9741 Feb 08 j 10:35	0°♑	
retrograde	-9741 Feb 14 j 20:49	1°♑34'20	
evening set	-9741 Feb 18 j 01:33	1°♑11'58	
	-9741 Feb 21 j 14:39	30°℞♐	
min. Earth dist.	-9741 Feb 26 j 11:22	27°♐27'46	0.55506 AU
inferior conj	-9741 Feb 27 j 06:00	27°♐01'01	0°18'19

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9741 Feb 27 j 06:47	26°♐59'54	0°17'29
desc. node	-9741 Feb 28 j 09:53	26°♐21'11	
morning rise	-9741 Mar 08 j 13:11	22°♐58'37	
direct	-9741 Mar 10 j 22:24	22°♐45'21	
morning max el	-9741 Mar 22 j 11:43	28°♐15'04	20°59'15
	-9741 Mar 24 j 05:12	0°♑	
morning set	-9741 Apr 10 j 21:31	29°♑08'31	
asc. node	-9741 Apr 10 j 19:11	28°♑56'35	
	-9741 Apr 11 j 07:33	0°♒	
superior conj	-9741 Apr 18 j 11:41	14°♒51'30	1°08'19
minimum elong	-9741 Apr 18 j 08:59	14°♒37'40	1°07'28
max. Earth dist.	-9741 Apr 22 j 15:04	23°♒13'04	1.35530 AU
	-9741 Apr 26 j 02:50	0°♓	
evening rise	-9741 Apr 27 j 02:14	1°♓50'49	
	-9741 May 13 j 15:56	0°♈	
desc. node	-9741 May 27 j 08:01	18°♈36'59	
evening max el	-9741 Jun 01 j 14:00	24°♈19'15	26°33'40
	-9741 Jun 08 j 18:49	0°♉	
retrograde	-9741 Jun 14 j 11:27	1°♉41'27	
	-9741 Jun 19 j 15:00	30°℞♈	
evening set	-9741 Jun 21 j 01:15	28°♈54'29	
min. Earth dist.	-9741 Jun 25 j 00:57	24°♈40'45	0.65803 AU
inferior conj	-9741 Jun 26 j 15:27	22°♈42'51	-3°00'05
minimum elong	-9741 Jun 26 j 18:05	22°♈34'47	2°59'20
morning rise	-9741 Jul 02 j 11:05	16°♈56'51	
direct	-9741 Jul 05 j 14:43	16°♈00'24	
asc. node	-9741 Jul 07 j 19:50	16°♈27'13	
morning max el	-9741 Jul 12 j 09:43	19°♈48'44	18°48'41
	-9741 Jul 20 j 04:33	0°♉	
morning set	-9741 Aug 02 j 13:19	21°♉10'20	
	-9741 Aug 08 j 01:34	0°♊	
superior conj	-9741 Aug 18 j 06:14	16°♊10'45	0°29'44
minimum elong	-9741 Aug 18 j 09:56	16°♊25'23	0°29'49
max. Earth dist.	-9741 Aug 18 j 11:56	16°♊33'17	1.44634 AU
desc. node	-9741 Aug 23 j 05:26	24°♊01'55	
	-9741 Aug 26 j 23:50	0°♋	
evening rise	-9741 Sep 03 j 08:23	11°♋43'19	
	-9741 Sep 14 j 20:29	0°♌	
evening max el	-9741 Sep 24 j 20:37	13°♌34'11	18°57'53
retrograde	-9741 Oct 01 j 17:41	17°♌27'53	
asc. node	-9741 Oct 03 j 19:32	17°♌03'11	
evening set	-9741 Oct 04 j 20:08	16°♌32'53	
inferior conj	-9741 Oct 10 j 16:00	10°♌46'01	2°07'06
minimum elong	-9741 Oct 10 j 13:12	10°♌54'39	2°06'36
min. Earth dist.	-9741 Oct 12 j 05:00	8°♌52'18	0.65314 AU
morning rise	-9741 Oct 16 j 05:51	4°♌34'51	
direct	-9741 Oct 22 j 16:42	1°♌51'38	
morning max el	-9741 Nov 04 j 13:48	9°♌18'10	26°37'26
desc. node	-9741 Nov 19 j 05:42	27°♌25'45	
	-9741 Nov 21 j 00:16	0°♍	
	-9741 Dec 09 j 01:12	0°♎	
morning set	-9741 Dec 10 j 09:52	2°♎33'28	
max. Earth dist.	-9741 Dec 14 j 17:53	10°♎58'35	1.35019 AU
superior conj	-9741 Dec 19 j 00:31	19°♎39'24	-1°31'08
minimum elong	-9741 Dec 19 j 02:35	19°♎50'05	1°31'05
	-9741 Dec 23 j 23:31	0°♏	
evening rise	-9741 Dec 26 j 13:04	5°♏20'17	
asc. node	-9741 Dec 30 j 17:27	13°♏45'12	
	-9740 Jan 09 j 09:18	0°♐	
evening max el	-9740 Jan 15 j 02:04	6°♐35'51	21°02'26
retrograde	-9740 Jan 26 j 10:44	11°♐57'02	
evening set	-9740 Jan 29 j 03:30	11°♐40'04	
inferior conj	-9740 Feb 07 j 02:50	7°♐41'27	2°04'45
minimum elong	-9740 Feb 07 j 07:46	7°♐34'22	2°02'47
min. Earth dist.	-9740 Feb 08 j 01:28	7°♐08'56	0.55491 AU
desc. node	-9740 Feb 15 j 06:51	3°♐45'30	
morning rise	-9740 Feb 16 j 11:05	3°♐27'07	
direct	-9740 Feb 19 j 12:54	3°♐06'19	
morning max el	-9740 Mar 03 j 12:03	9°♐25'17	22°28'41
	-9740 Mar 18 j 04:07	0°♑	
morning set	-9740 Mar 25 j 08:01	14°♑04'13	
asc. node	-9740 Mar 27 j 16:09	18°♑58'52	
superior conj	-9740 Apr 01 j 14:05	29°♑24'19	0°46'19
minimum elong	-9740 Apr 01 j 12:08	29°♑14'03	0°45'26
	-9740 Apr 01 j 20:51	0°♒	
max. Earth dist.	-9740 Apr 04 j 11:06	5°♒24'56	1.34330 AU
evening rise	-9740 Apr 09 j 12:48	15°♒37'21	
	-9740 Apr 17 j 06:47	0°♓	
	-9740 May 07 j 05:40	0°♈	
desc. node	-9740 May 13 j 05:25	6°♈44'56	
evening max el	-9740 May 14 j 01:04	7°♈33'42	27°14'16
retrograde	-9740 May 27 j 11:40	15°♈03'59	
evening set	-9740 Jun 03 j 09:58	12°♈18'30	
min. Earth dist.	-9740 Jun 07 j 03:36	8°♈41'36	0.64570 AU
inferior conj	-9740 Jun 09 j 08:32	6°♈12'52	-3°26'13
minimum elong	-9740 Jun 09 j 10:38	6°♈06'57	3°25'56
morning rise	-9740 Jun 15 j 11:47	0°♈42'46	
	-9740 Jun 17 j 17:33	30°℞♓	
direct	-9740 Jun 18 j 09:38	29°♓57'35	
	-9740 Jun 19 j 01:45	0°♈	
asc. node	-9740 Jun 23 j 16:40	2°♈19'51	
morning max el	-9740 Jun 24 j 21:55	3°♈27'56	18°16'14
	-9740 Jul 12 j 11:22	0°♉	
morning set	-9740 Jul 13 j 12:12	1°♉44'13	
superior conj	-9740 Jul 27 j 10:21	24°♉38'02	1°11'12
minimum elong	-9740 Jul 27 j 16:55	25°♉04'25	1°10'59
	-9740 Jul 30 j 18:51	0°♊	
max. Earth dist.	-9740 Jul 31 j 04:49	0°♊39'39	1.44300 AU
desc. node	-9740 Aug 09 j 02:39	14°♊42'09	
evening rise	-9740 Aug 13 j 01:30	20°♊52'11	
	-9740 Aug 18 j 22:47	0°♋	
greatest brilliancy	-9740 Aug 25 j 02:56	9°♋26'37	-0.7m
evening max el	-9740 Sep 07 j 04:08	27°♋03'02	19°47'22
	-9740 Sep 10 j 15:20	0°♌	
retrograde	-9740 Sep 14 j 14:07	1°♌20'44	
evening set	-9740 Sep 18 j 01:29	0°♌10'34	
	-9740 Sep 18 j 07:33	30°℞♋	
asc. node	-9740 Sep 19 j 16:41	28°♋50'18	
inferior conj	-9740 Sep 23 j 15:01	24°♋11'56	1°15'38
minimum elong	-9740 Sep 23 j 13:18	24°♋17'34	1°15'31
min. Earth dist.	-9740 Sep 24 j 15:57	22°♋50'27	0.66237 AU
morning rise	-9740 Sep 29 j 00:51	17°♋54'56	
direct	-9740 Oct 04 j 21:55	15°♋23'51	
morning max el	-9740 Oct 16 j 23:34	22°♋31'03	25°30'51
	-9740 Oct 23 j 14:50	0°♌	
desc. node	-9740 Nov 05 j 02:26	17°♌09'22	
	-9740 Nov 13 j 07:09	0°♍	
morning set	-9740 Nov 22 j 02:25	15°♍09'53	
max. Earth dist.	-9740 Nov 25 j 23:41	22°♍20'46	1.36600 AU
	-9740 Nov 29 j 23:06	0°♎	
superior conj	-9740 Dec 01 j 18:11	3°♎32'57	-1°40'33
minimum elong	-9740 Dec 01 j 19:19	3°♎38'37	1°40'28
evening rise	-9740 Dec 09 j 18:23	19°♎46'12	
	-9740 Dec 14 j 23:28	0°♏	
asc. node	-9740 Dec 16 j 14:46	3°♏00'31	
evening max el	-9740 Dec 27 j 12:14	18°♏18'45	19°49'26
retrograde	-9739 Jan 06 j 06:37	22°♏54'46	
evening set	-9739 Jan 08 j 19:25	22°♏37'35	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

inferior conj	-9739 Jan 17 j 06:39	18°♑33'42	3°25'52
minimum elong	-9739 Jan 17 j 11:57	18°♑25'21	3°24'25
min. Earth dist.	-9739 Jan 19 j 15:02	17°♑05'26	0.56326 AU
morning rise	-9739 Jan 26 j 02:27	13°♑55'39	
direct	-9739 Jan 30 j 09:13	13°♑14'45	
desc. node	-9739 Feb 01 j 03:44	13°♑21'57	
morning max el	-9739 Feb 13 j 04:39	20°♑09'27	24°05'53
	-9739 Feb 21 j 11:57	0°♐	
morning set	-9739 Mar 09 j 20:19	29°♐08'08	
	-9739 Mar 10 j 06:12	0°♉	
asc. node	-9739 Mar 14 j 13:11	9°♉10'35	
superior conj	-9739 Mar 16 j 21:35	14°♉14'44	0°22'55
minimum elong	-9739 Mar 16 j 20:37	14°♉09'32	0°22'08
max. Earth dist.	-9739 Mar 18 j 16:10	18°♉02'55	1.33478 AU
evening rise	-9739 Mar 24 j 09:30	29°♉56'16	
	-9739 Mar 24 j 10:14	0°♒	
	-9739 Apr 10 j 08:40	0°♓	
evening max el	-9739 Apr 26 j 10:38	20°♓26'34	27°26'13
desc. node	-9739 Apr 30 j 02:46	23°♓39'44	
retrograde	-9739 May 10 j 05:54	27°♓58'13	
evening set	-9739 May 17 j 05:53	25°♓27'18	
min. Earth dist.	-9739 May 20 j 21:06	22°♓19'59	0.62958 AU
inferior conj	-9739 May 23 j 16:19	19°♓30'34	-3°40'09
minimum elong	-9739 May 23 j 17:08	19°♓28'30	3°40'18
morning rise	-9739 May 30 j 05:27	14°♓18'52	
direct	-9739 Jun 01 j 22:49	13°♓43'16	
morning max el	-9739 Jun 08 j 11:57	17°♓05'45	18°01'37
asc. node	-9739 Jun 10 j 13:30	19°♓22'40	
	-9739 Jun 17 j 17:13	0°♈	
morning set	-9739 Jun 25 j 11:06	13°♈25'46	
	-9739 Jul 05 j 00:46	0°♉	
superior conj	-9739 Jul 07 j 12:10	4°♉09'50	1°38'10
minimum elong	-9739 Jul 07 j 16:47	4°♉29'05	1°38'09
max. Earth dist.	-9739 Jul 13 j 18:17	14°♉26'53	1.43302 AU
evening rise	-9739 Jul 23 j 02:55	29°♉17'30	
	-9739 Jul 23 j 13:51	0°♊	
desc. node	-9739 Jul 26 j 23:56	5°♊17'00	
	-9739 Aug 12 j 17:48	0°♋	
evening max el	-9739 Aug 21 j 05:24	10°♋28'35	20°51'10
retrograde	-9739 Aug 29 j 10:52	15°♋18'58	
evening set	-9739 Sep 02 j 09:20	13°♋50'42	
asc. node	-9739 Sep 06 j 13:46	9°♋19'31	
inferior conj	-9739 Sep 07 j 18:20	7°♋43'28	0°23'15
minimum elong	-9739 Sep 07 j 17:48	7°♋45'18	0°23'37
min. Earth dist.	-9739 Sep 08 j 08:19	6°♋55'58	0.66857 AU
morning rise	-9739 Sep 13 j 02:06	1°♋24'01	
	-9739 Sep 15 j 02:25	30°℞♊	
direct	-9739 Sep 18 j 08:23	29°♊10'08	
	-9739 Sep 21 j 20:46	0°♋	
morning max el	-9739 Sep 29 j 09:11	5°♋46'13	24°10'42
	-9739 Oct 18 j 03:38	0°♌	
desc. node	-9739 Oct 22 j 23:12	7°♌15'07	
morning set	-9739 Nov 03 j 21:26	26°♌38'37	
	-9739 Nov 05 j 19:54	0°♍	
max. Earth dist.	-9739 Nov 07 j 22:29	3°♍43'36	1.38497 AU
superior conj	-9739 Nov 14 j 23:56	16°♍45'41	-1°42'47
minimum elong	-9739 Nov 14 j 23:23	16°♍43'04	1°42'34
	-9739 Nov 21 j 19:16	0°♎	
evening rise	-9739 Nov 23 j 17:38	3°♎48'09	
asc. node	-9739 Dec 03 j 12:05	21°♎42'37	
	-9739 Dec 09 j 18:20	0°♏	
evening max el	-9739 Dec 10 j 08:25	0°♏34'49	18°55'26
retrograde	-9739 Dec 18 j 17:48	4°♏36'34	
evening set	-9739 Dec 21 j 05:46	4°♏16'37	

inferior conj	-9739 Dec 29 j 03:05	29°♎56'33	4°07'50
minimum elong	-9739 Dec 29 j 05:23	29°♎52'25	4°07'26
	-9739 Dec 29 j 01:10	30°℞♎	
min. Earth dist.	-9738 Jan 01 j 05:54	27°♎42'37	0.57808 AU
morning rise	-9738 Jan 06 j 02:50	24°♎53'06	
direct	-9738 Jan 11 j 17:15	23°♎38'09	
desc. node	-9738 Jan 19 j 00:33	25°♎42'12	
	-9738 Jan 24 j 20:58	0°♏	
morning max el	-9738 Jan 25 j 19:47	0°♏53'13	25°37'36
	-9738 Feb 15 j 04:39	0°♐	
morning set	-9738 Feb 22 j 08:37	14°♐13'16	
superior conj	-9738 Mar 01 j 08:06	29°♐15'19	-0°00'54
minimum elong	-9738 Mar 01 j 08:10	29°♐15'40	0°01'28
behind sun begin	-9738 Mar 01 j 03:09	28°♐48'23	
behind sun end	-9738 Mar 01 j 13:10	29°♐42'55	
asc. node	-9738 Mar 01 j 10:16	29°♐27'05	
	-9738 Mar 01 j 16:19	0°♉	
max. Earth dist.	-9738 Mar 02 j 03:13	0°♉59'18	1.32954 AU
evening rise	-9738 Mar 08 j 13:07	14°♉36'51	
	-9738 Mar 16 j 11:46	0°♒	
	-9738 Apr 05 j 23:13	0°♓	
evening max el	-9738 Apr 08 j 16:27	2°♓47'21	27°05'54
desc. node	-9738 Apr 17 j 00:02	8°♓52'31	
retrograde	-9738 Apr 22 j 17:23	10°♓15'56	
evening set	-9738 Apr 29 j 09:31	8°♓12'45	
min. Earth dist.	-9738 May 03 j 05:31	5°♓22'07	0.61053 AU
inferior conj	-9738 May 06 j 11:29	2°♓29'10	-3°37'02
minimum elong	-9738 May 06 j 10:18	2°♓31'49	3°37'17
	-9738 May 09 j 10:13	30°℞♒	
morning rise	-9738 May 13 j 13:03	27°♒37'25	
direct	-9738 May 16 j 02:37	27°♒10'03	
	-9738 May 22 j 09:34	0°♓	
morning max el	-9738 May 23 j 01:13	0°♓36'10	18°05'35
asc. node	-9738 May 28 j 10:19	7°♓21'00	
morning set	-9738 Jun 08 j 05:34	26°♓04'59	
	-9738 Jun 10 j 08:43	0°♈	
superior conj	-9738 Jun 18 j 17:22	15°♈03'26	1°49'17
minimum elong	-9738 Jun 18 j 18:27	15°♈08'09	1°49'20
max. Earth dist.	-9738 Jun 26 j 01:52	27°♈38'22	1.41787 AU
	-9738 Jun 27 j 12:01	0°♉	
evening rise	-9738 Jul 02 j 10:27	8°♉00'56	
desc. node	-9738 Jul 13 j 21:16	25°♉42'49	
	-9738 Jul 16 j 18:44	0°♊	
evening max el	-9738 Aug 03 j 23:50	23°♊50'53	22°06'12
retrograde	-9738 Aug 13 j 06:13	29°♊20'31	
evening set	-9738 Aug 17 j 17:43	27°♊31'56	
inferior conj	-9738 Aug 23 j 00:02	21°♊19'12	-0°28'08
minimum elong	-9738 Aug 23 j 00:38	21°♊17'08	0°27'20
min. Earth dist.	-9738 Aug 23 j 03:40	21°♊06'40	0.67191 AU
asc. node	-9738 Aug 24 j 10:47	19°♊20'23	
morning rise	-9738 Aug 28 j 07:26	15°♊00'57	
direct	-9738 Sep 01 j 23:35	13°♊06'03	
morning max el	-9738 Sep 11 j 20:31	19°♊02'06	22°46'03
	-9738 Sep 20 j 23:15	0°♋	
desc. node	-9738 Oct 09 j 20:03	27°♋36'38	
	-9738 Oct 11 j 08:24	0°♌	
morning set	-9738 Oct 15 j 14:08	6°♌49'15	
max. Earth dist.	-9738 Oct 20 j 20:57	15°♌37'45	1.40499 AU
superior conj	-9738 Oct 28 j 13:02	29°♌05'22	-1°35'23
minimum elong	-9738 Oct 28 j 10:13	28°♌52'36	1°34'52
	-9738 Oct 29 j 01:06	0°♍	
evening rise	-9738 Nov 07 j 08:02	17°♍19'48	
	-9738 Nov 14 j 04:47	0°♎	
asc. node	-9738 Nov 20 j 09:22	9°♎41'13	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9738 Nov 23 j 13:02	13°♎19'39	18°21'40
retrograde	-9738 Nov 30 j 22:43	17°♎00'19	
evening set	-9738 Dec 03 j 11:06	16°♎36'01	
inferior conj	-9738 Dec 10 j 19:04	11°♎55'01	4°14'13
minimum elong	-9738 Dec 10 j 18:00	11°♎57'16	4°14'08
min. Earth dist.	-9738 Dec 14 j 00:54	9°♎14'03	0.59639 AU
morning rise	-9738 Dec 17 j 23:12	6°♎30'48	
direct	-9738 Dec 24 j 13:08	4°♎37'03	
desc. node	-9737 Jan 05 j 21:18	10°♎26'32	
morning max el	-9737 Jan 07 j 14:57	12°♎02'07	26°48'54
	-9737 Jan 21 j 18:41	0°♏	
morning set	-9737 Feb 06 j 19:06	29°♏12'34	
	-9737 Feb 07 j 04:12	0°♐	
superior conj	-9737 Feb 13 j 19:53	14°♐19'24	-0°24'13
minimum elong	-9737 Feb 13 j 20:54	14°♐24'56	0°24'33
max. Earth dist.	-9737 Feb 13 j 16:40	14°♐01'52	1.32757 AU
asc. node	-9737 Feb 16 j 07:22	19°♐43'53	
evening rise	-9737 Feb 20 j 21:14	29°♐30'19	
	-9737 Feb 21 j 02:56	0°♑	
	-9737 Mar 09 j 21:22	0°♒	
evening max el	-9737 Mar 21 j 16:55	14°♒30'19	26°13'48
desc. node	-9737 Apr 03 j 21:14	21°♒48'08	
retrograde	-9737 Apr 04 j 20:09	21°♒50'24	
evening set	-9737 Apr 10 j 17:59	20°♒23'09	
min. Earth dist.	-9737 Apr 15 j 06:14	17°♒33'51	0.59050 AU
inferior conj	-9737 Apr 18 j 14:22	14°♒59'35	-3°10'09
minimum elong	-9737 Apr 18 j 11:02	15°♒06'04	3°10'04
morning rise	-9737 Apr 26 j 06:57	10°♒27'57	
direct	-9737 Apr 28 j 16:55	10°♒07'30	
morning max el	-9737 May 06 j 10:48	13°♒50'18	18°28'47
asc. node	-9737 May 15 j 07:09	26°♒01'45	
	-9737 May 17 j 13:07	0°♓	
morning set	-9737 May 22 j 14:49	9°♓30'23	
superior conj	-9737 May 31 j 22:30	27°♓09'33	1°47'32
minimum elong	-9737 May 31 j 20:57	27°♓02'24	1°47'23
	-9737 Jun 02 j 11:38	0°♈	
max. Earth dist.	-9737 Jun 08 j 03:59	10°♈07'04	1.39971 AU
evening rise	-9737 Jun 12 j 17:34	17°♈53'47	
	-9737 Jun 20 j 04:57	0°♉	
desc. node	-9737 Jun 30 j 18:37	15°♉54'20	
	-9737 Jul 11 j 04:54	0°♊	
evening max el	-9737 Jul 17 j 12:46	7°♊11'46	23°27'34
retrograde	-9737 Jul 27 j 22:42	13°♊22'02	
evening set	-9737 Aug 02 j 00:44	11°♊12'30	
inferior conj	-9737 Aug 07 j 06:21	4°♊57'05	-1°16'56
minimum elong	-9737 Aug 07 j 07:55	4°♊51'39	1°15'51
min. Earth dist.	-9737 Aug 06 j 23:30	5°♊20'37	0.67234 AU
asc. node	-9737 Aug 11 j 07:45	29°♉53'46	
	-9737 Aug 11 j 05:18	30°℞♉	
morning rise	-9737 Aug 12 j 15:01	28°♉43'42	
direct	-9737 Aug 16 j 18:28	27°♉07'34	
	-9737 Aug 23 j 00:09	0°♊	
morning max el	-9737 Aug 25 j 12:19	2°♊20'43	21°24'54
	-9737 Sep 14 j 22:47	0°♋	
morning set	-9737 Sep 25 j 05:08	15°♋47'01	
desc. node	-9737 Sep 26 j 16:58	18°♋08'34	
max. Earth dist.	-9737 Oct 03 j 00:54	28°♋20'57	1.42324 AU
	-9737 Oct 04 j 00:59	0°♌	
superior conj	-9737 Oct 10 j 03:44	10°♌17'03	-1°15'41
minimum elong	-9737 Oct 09 j 23:00	9°♌56'47	1°14'45
evening rise	-9737 Oct 21 j 09:59	0°♍12'37	
	-9737 Oct 21 j 07:12	0°♍	
evening max el	-9737 Nov 06 j 23:24	26°♍25'34	18°07'53
asc. node	-9737 Nov 07 j 06:37	26°♍43'16	

retrograde	-9737 Nov 13 j 19:09	29°♍57'29	
evening set	-9737 Nov 16 j 09:05	29°♍27'23	
inferior conj	-9737 Nov 23 j 04:57	24°♍24'45	3°55'16
minimum elong	-9737 Nov 23 j 01:51	24°♍32'08	3°54'55
min. Earth dist.	-9737 Nov 26 j 03:09	21°♍38'23	0.61510 AU
morning rise	-9737 Nov 29 j 17:29	18°♍43'45	
direct	-9737 Dec 06 j 18:29	16°♍18'58	
morning max el	-9737 Dec 20 j 16:27	23°♍49'35	27°29'07
desc. node	-9737 Dec 23 j 18:03	27°♍00'29	
	-9737 Dec 26 j 08:08	0°♎	
	-9736 Jan 14 j 21:39	0°♏	
morning set	-9736 Jan 22 j 01:52	13°♏59'00	
max. Earth dist.	-9736 Jan 28 j 05:02	26°♏58'20	1.32896 AU
superior conj	-9736 Jan 29 j 07:17	29°♏20'56	-0°46'17
minimum elong	-9736 Jan 29 j 09:04	29°♏30'36	0°46'25
	-9736 Jan 29 j 14:28	0°♐	
asc. node	-9736 Feb 03 j 04:32	9°♐56'55	
evening rise	-9736 Feb 05 j 07:52	14°♐29'32	
	-9736 Feb 13 j 04:56	0°♑	
evening max el	-9736 Mar 02 j 12:17	25°♑39'47	24°55'59
	-9736 Mar 07 j 23:56	0°♒	
retrograde	-9736 Mar 16 j 11:44	2°♒42'46	
desc. node	-9736 Mar 20 j 18:20	2°♒00'40	
evening set	-9736 Mar 21 j 07:29	1°♒49'25	
	-9736 Mar 25 j 02:55	30°℞♑	
min. Earth dist.	-9736 Mar 27 j 01:26	28°♑48'17	0.57237 AU
inferior conj	-9736 Mar 29 j 22:00	26°♑53'55	-2°12'44
minimum elong	-9736 Mar 29 j 17:53	27°♑00'51	2°12'13
morning rise	-9736 Apr 07 j 07:27	22°♑40'17	
direct	-9736 Apr 09 j 14:13	22°♑25'02	
morning max el	-9736 Apr 18 j 13:49	26°♑39'02	19°11'48
	-9736 Apr 21 j 15:24	0°♒	
asc. node	-9736 May 01 j 04:02	15°♒15'06	
morning set	-9736 May 05 j 10:53	23°♒32'18	
	-9736 May 08 j 17:04	0°♓	
superior conj	-9736 May 13 j 22:03	10°♓13'48	1°36'42
minimum elong	-9736 May 13 j 19:17	10°♓00'23	1°36'13
max. Earth dist.	-9736 May 20 j 04:44	22°♓02'40	1.38099 AU
evening rise	-9736 May 24 j 04:03	29°♓09'18	
	-9736 May 24 j 15:38	0°♈	
	-9736 Jun 12 j 13:11	0°♉	
desc. node	-9736 Jun 16 j 15:58	5°♉45'16	
evening max el	-9736 Jun 28 j 22:59	20°♉34'30	24°48'09
retrograde	-9736 Jul 10 j 11:25	27°♉20'31	
evening set	-9736 Jul 16 j 04:29	24°♉51'41	
min. Earth dist.	-9736 Jul 20 j 17:23	19°♉36'41	0.66963 AU
inferior conj	-9736 Jul 21 j 11:31	18°♉36'02	-2°01'42
minimum elong	-9736 Jul 21 j 13:49	18°♉28'20	2°00'33
morning rise	-9736 Jul 26 j 23:07	12°♉31'01	
asc. node	-9736 Jul 28 j 04:42	11°♉46'56	
direct	-9736 Jul 30 j 15:45	11°♉12'07	
morning max el	-9736 Aug 07 j 10:39	15°♉46'08	20°13'15
	-9736 Aug 18 j 08:56	0°♊	
morning set	-9736 Sep 03 j 06:59	24°♊10'56	
	-9736 Sep 07 j 00:29	0°♋	
desc. node	-9736 Sep 12 j 13:56	8°♋46'44	
max. Earth dist.	-9736 Sep 14 j 11:54	11°♋50'16	1.43718 AU
superior conj	-9736 Sep 19 j 15:06	20°♋08'40	-0°42'08
minimum elong	-9736 Sep 19 j 10:56	19°♋51'38	0°41'04
	-9736 Sep 25 j 13:54	0°♌	
evening rise	-9736 Oct 02 j 18:49	12°♌15'47	
	-9736 Oct 13 j 07:03	0°♍	
evening max el	-9736 Oct 20 j 12:30	9°♍44'18	18°13'13
asc. node	-9736 Oct 24 j 03:53	12°♍32'47	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9736 Oct 27 j 03:00	13°♍17'55	
evening set	-9736 Oct 29 j 20:06	12°♍40'12	
inferior conj	-9736 Nov 05 j 05:20	7°♍17'48	3°20'09
minimum elong	-9736 Nov 05 j 01:39	7°♍27'40	3°19'32
min. Earth dist.	-9736 Nov 07 j 15:02	4°♍43'45	0.63209 AU
morning rise	-9736 Nov 11 j 06:27	1°♍22'40	
	-9736 Nov 13 j 08:45	30°℞♌	
direct	-9736 Nov 18 j 07:27	28°♌40'27	
	-9736 Nov 23 j 14:45	0°♍	
morning max el	-9736 Dec 01 j 23:21	6°♍14'31	27°34'16
desc. node	-9736 Dec 09 j 14:47	14°♍52'28	
	-9736 Dec 20 j 05:30	0°♎	
morning set	-9735 Jan 05 j 02:28	28°♎23'12	
	-9735 Jan 05 j 21:42	0°♏	
max. Earth dist.	-9735 Jan 10 j 12:26	9°♏34'22	1.33397 AU
superior conj	-9735 Jan 12 j 16:32	14°♏12'30	-1°06'17
minimum elong	-9735 Jan 12 j 18:47	14°♏24'34	1°06'18
evening rise	-9735 Jan 19 j 19:14	29°♏26'47	
asc. node	-9735 Jan 20 j 01:44	0°♐00'54	
	-9735 Jan 20 j 01:34	0°♐	
	-9735 Feb 06 j 09:43	0°♑	
evening max el	-9735 Feb 12 j 05:20	6°♑30'33	23°23'59
retrograde	-9735 Feb 25 j 14:39	13°♑03'54	
evening set	-9735 Mar 01 j 07:48	12°♑33'38	
desc. node	-9735 Mar 07 j 15:26	9°♑46'44	
min. Earth dist.	-9735 Mar 08 j 17:23	9°♑09'07	0.55928 AU
inferior conj	-9735 Mar 10 j 10:14	8°♑08'23	-0°43'17
minimum elong	-9735 Mar 10 j 08:24	8°♑11'06	0°43'17
morning rise	-9735 Mar 19 j 11:22	4°♑06'03	
direct	-9735 Mar 21 j 17:33	3°♑53'22	
morning max el	-9735 Apr 01 j 07:28	8°♑52'20	20°14'42
	-9735 Apr 15 j 13:14	0°♒	
asc. node	-9735 Apr 18 j 00:56	4°♒52'17	
morning set	-9735 Apr 19 j 14:30	8°♒01'06	
superior conj	-9735 Apr 27 j 10:59	24°♒01'29	1°19'51
minimum elong	-9735 Apr 27 j 08:04	23°♒46'44	1°19'06
	-9735 Apr 30 j 11:07	0°♓	
max. Earth dist.	-9735 May 02 j 09:40	3°♓46'06	1.36384 AU
evening rise	-9735 May 06 j 13:35	11°♓36'09	
	-9735 May 17 j 05:04	0°♈	
desc. node	-9735 Jun 03 j 13:20	25°♈07'01	
	-9735 Jun 07 j 15:12	0°♉	
evening max el	-9735 Jun 11 j 08:56	3°♉58'43	25°59'46
retrograde	-9735 Jun 23 j 19:49	11°♉11'09	
evening set	-9735 Jun 30 j 02:55	8°♉28'08	
min. Earth dist.	-9735 Jul 04 j 07:00	3°♉52'14	0.66338 AU
inferior conj	-9735 Jul 05 j 13:45	2°♉14'27	-2°40'50
minimum elong	-9735 Jul 05 j 16:24	2°♉06'00	2°39'53
	-9735 Jul 07 j 09:07	30°℞♈	
morning rise	-9735 Jul 11 j 05:58	26°♈20'55	
direct	-9735 Jul 14 j 13:45	25°♈17'03	
asc. node	-9735 Jul 15 j 01:37	25°♈18'26	
morning max el	-9735 Jul 21 j 15:37	29°♈19'27	19°15'06
	-9735 Jul 22 j 06:58	0°♉	
	-9735 Aug 11 j 18:57	0°♊	
morning set	-9735 Aug 13 j 16:32	2°♊59'45	
max. Earth dist.	-9735 Aug 28 j 03:34	25°♊48'31	1.44497 AU
superior conj	-9735 Aug 30 j 01:00	28°♊48'34	0°02'33
minimum elong	-9735 Aug 30 j 01:22	28°♊50'04	0°03'04
behind sun begin	-9735 Aug 29 j 14:13	28°♊05'46	
behind sun end	-9735 Aug 30 j 12:32	29°♊34'24	
desc. node	-9735 Aug 30 j 11:00	29°♊28'16	
	-9735 Aug 30 j 18:59	0°♋	
evening rise	-9735 Sep 14 j 05:13	23°♋17'02	
	-9735 Sep 18 j 07:26	0°♌	
evening max el	-9735 Oct 04 j 01:28	23°♌10'10	18°36'37
retrograde	-9735 Oct 10 j 18:16	26°♌54'28	
asc. node	-9735 Oct 11 j 01:07	26°♌54'01	
evening set	-9735 Oct 13 j 16:34	26°♌06'41	
inferior conj	-9735 Oct 19 j 16:49	20°♌27'40	2°35'26
minimum elong	-9735 Oct 19 j 13:31	20°♌37'22	2°34'49
min. Earth dist.	-9735 Oct 21 j 13:09	18°♌17'15	0.64630 AU
morning rise	-9735 Oct 25 j 09:57	14°♌21'12	
direct	-9735 Nov 01 j 03:15	11°♌35'07	
morning max el	-9735 Nov 14 j 09:07	19°♌07'38	27°06'18
	-9735 Nov 23 j 18:11	0°♍	
desc. node	-9735 Nov 26 j 11:31	3°♍39'44	
	-9735 Dec 13 j 03:31	0°♎	
morning set	-9735 Dec 19 j 17:54	12°♎15'20	
max. Earth dist.	-9735 Dec 24 j 11:09	21°♎39'26	1.34301 AU
superior conj	-9735 Dec 27 j 21:42	28°♎47'32	-1°23'14
minimum elong	-9735 Dec 28 j 00:00	28°♎59'34	1°23'12
	-9735 Dec 28 j 11:29	0°♏	
evening rise	-9734 Jan 04 j 05:38	14°♏16'05	
asc. node	-9734 Jan 06 j 23:00	19°♏50'45	
	-9734 Jan 12 j 07:33	0°♐	
evening max el	-9734 Jan 25 j 01:35	17°♐27'23	21°51'24
retrograde	-9734 Feb 06 j 07:31	23°♐17'30	
evening set	-9734 Feb 09 j 05:49	22°♐58'20	
inferior conj	-9734 Feb 18 j 09:15	18°♐54'23	1°04'52
minimum elong	-9734 Feb 18 j 12:03	18°♐50'24	1°03'25
min. Earth dist.	-9734 Feb 18 j 08:03	18°♐56'05	0.55391 AU
desc. node	-9734 Feb 22 j 12:28	16°♐40'17	
morning rise	-9734 Feb 27 j 18:38	14°♐49'05	
direct	-9734 Mar 02 j 08:51	14°♐33'58	
morning max el	-9734 Mar 14 j 14:08	20°♐25'18	21°35'44
	-9734 Mar 22 j 10:23	0°♑	
morning set	-9734 Apr 03 j 23:04	22°♑48'50	
asc. node	-9734 Apr 04 j 21:52	24°♑46'53	
	-9734 Apr 07 j 09:43	0°♒	
superior conj	-9734 Apr 11 j 09:22	8°♒20'43	0°59'15
minimum elong	-9734 Apr 11 j 06:57	8°♒08'09	0°58'21
max. Earth dist.	-9734 Apr 14 j 23:24	15°♒41'48	1.34974 AU
evening rise	-9734 Apr 19 j 16:26	24°♒57'52	
	-9734 Apr 22 j 08:38	0°♓	
	-9734 May 10 j 16:25	0°♈	
desc. node	-9734 May 21 j 10:45	13°♈46'45	
evening max el	-9734 May 24 j 19:36	17°♈18'53	26°53'59
retrograde	-9734 Jun 06 j 23:24	24°♈46'21	
evening set	-9734 Jun 13 j 17:31	21°♈58'09	
min. Earth dist.	-9734 Jun 17 j 14:11	18°♈00'54	0.65326 AU
inferior conj	-9734 Jun 19 j 10:52	15°♈48'40	-3°12'28
minimum elong	-9734 Jun 19 j 13:21	15°♈41'16	3°11'54
morning rise	-9734 Jun 25 j 09:31	10°♈09'22	
direct	-9734 Jun 28 j 10:24	9°♈18'08	
asc. node	-9734 Jul 01 j 22:28	10°♈23'22	
morning max el	-9734 Jul 05 j 01:48	12°♈57'46	18°32'45
	-9734 Jul 17 j 03:22	0°♉	
morning set	-9734 Jul 25 j 00:25	12°♉51'20	
	-9734 Aug 04 j 14:41	0°♊	
superior conj	-9734 Aug 09 j 00:36	7°♊01'37	0°48'43
minimum elong	-9734 Aug 09 j 06:09	7°♊23'38	0°48'36
max. Earth dist.	-9734 Aug 10 j 20:28	9°♊55'25	1.44573 AU
desc. node	-9734 Aug 17 j 08:07	20°♊09'33	
	-9734 Aug 23 j 13:59	0°♋	
evening rise	-9734 Aug 25 j 12:57	3°♋05'10	
	-9734 Sep 12 j 02:07	0°♌	
evening max el	-9734 Sep 17 j 11:35	6°♌38'20	19°17'02

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9734 Sep 24 j 13:31	10°♌41'37	
evening set	-9734 Sep 27 j 19:23	9°♌40'43	
asc. node	-9734 Sep 27 j 22:19	9°♌36'03	
inferior conj	-9734 Oct 03 j 12:20	3°♌48'26	1°45'30
minimum elong	-9734 Oct 03 j 09:58	3°♌55'56	1°45'09
min. Earth dist.	-9734 Oct 04 j 20:06	2°♌07'52	0.65741 AU
	-9734 Oct 06 j 14:31	30°℞♋	
morning rise	-9734 Oct 09 j 00:11	27°♋34'04	
direct	-9734 Oct 15 j 05:20	24°♋55'01	
	-9734 Oct 25 j 09:18	0°♌	
morning max el	-9734 Oct 27 j 19:11	2°♌15'45	26°11'17
desc. node	-9734 Nov 13 j 08:13	23°♌05'42	
	-9734 Nov 17 j 22:13	0°♍	
morning set	-9734 Dec 02 j 20:10	25°♍23'00	
	-9734 Dec 05 j 06:57	0°♎	
max. Earth dist.	-9734 Dec 06 j 22:37	3°♎11'20	1.35636 AU
superior conj	-9734 Dec 11 j 20:23	12°♎58'16	-1°35'52
minimum elong	-9734 Dec 11 j 22:09	13°♎07'14	1°35'50
evening rise	-9734 Dec 19 j 13:19	28°♎51'26	
	-9734 Dec 20 j 02:44	0°♏	
asc. node	-9734 Dec 24 j 20:18	9°♏20'25	
evening max el	-9733 Jan 07 j 06:03	28°♏50'54	20°29'20
	-9733 Jan 08 j 13:21	0°♐	
retrograde	-9733 Jan 17 j 22:38	3°♐52'04	
evening set	-9733 Jan 20 j 12:46	3°♐35'40	
	-9733 Jan 28 j 15:50	30°℞♏	
inferior conj	-9733 Jan 29 j 07:30	29°♏36'50	2°43'34
minimum elong	-9733 Jan 29 j 13:08	29°♏28'28	2°41'38
min. Earth dist.	-9733 Jan 30 j 22:08	28°♏39'39	0.55741 AU
morning rise	-9733 Feb 07 j 11:50	25°♏12'51	
desc. node	-9733 Feb 09 j 09:25	24°♏51'19	
direct	-9733 Feb 11 j 00:41	24°♏45'20	
	-9733 Feb 22 j 22:15	0°♐	
morning max el	-9733 Feb 24 j 10:41	1°♐22'28	23°09'47
	-9733 Mar 15 j 14:22	0°♑	
morning set	-9733 Mar 19 j 10:34	7°♑48'59	
asc. node	-9733 Mar 22 j 18:51	14°♑53'56	
superior conj	-9733 Mar 26 j 14:14	23°♑02'29	0°36'31
minimum elong	-9733 Mar 26 j 12:41	22°♑54'15	0°35'39
max. Earth dist.	-9733 Mar 28 j 23:23	28°♑04'37	1.33921 AU
	-9733 Mar 29 j 21:28	0°♒	
evening rise	-9733 Apr 03 j 07:47	9°♒00'12	
	-9733 Apr 14 j 19:33	0°♓	
	-9733 May 06 j 19:41	0°♈	
evening max el	-9733 May 07 j 06:18	0°♈26'03	27°23'10
desc. node	-9733 May 08 j 08:07	1°♈27'09	
retrograde	-9733 May 20 j 21:26	7°♈58'16	
evening set	-9733 May 27 j 21:16	5°♈17'20	
min. Earth dist.	-9733 May 31 j 13:13	1°♈54'04	0.63925 AU
	-9733 Jun 02 j 07:43	30°℞♓	
inferior conj	-9733 Jun 03 j 00:23	29°♓14'44	-3°33'56
minimum elong	-9733 Jun 03 j 02:03	29°♓10'16	3°33'50
morning rise	-9733 Jun 09 j 07:34	23°♓52'06	
direct	-9733 Jun 12 j 03:14	23°♓11'19	
morning max el	-9733 Jun 18 j 15:06	26°♓37'26	18°07'42
asc. node	-9733 Jun 18 j 19:17	26°♓47'59	
	-9733 Jun 21 j 13:10	0°♈	
morning set	-9733 Jul 06 j 10:00	23°♈55'13	
	-9733 Jul 09 j 23:36	0°♉	
superior conj	-9733 Jul 19 j 12:26	15°♉52'16	1°24'39
minimum elong	-9733 Jul 19 j 18:37	16°♉17'28	1°24'30
max. Earth dist.	-9733 Jul 24 j 11:44	23°♉53'56	1.43953 AU
	-9733 Jul 28 j 07:50	0°♊	
desc. node	-9733 Aug 04 j 05:21	10°♊47'51	
evening rise	-9733 Aug 04 j 21:12	11°♊49'24	
	-9733 Aug 16 j 18:30	0°♋	
evening max el	-9733 Aug 31 j 16:39	20°♋06'02	20°12'55
retrograde	-9733 Sep 08 j 10:15	24°♋36'36	
evening set	-9733 Sep 12 j 02:01	23°♋19'15	
asc. node	-9733 Sep 14 j 19:26	20°♋45'29	
inferior conj	-9733 Sep 17 j 13:26	17°♋16'49	0°53'22
minimum elong	-9733 Sep 17 j 12:12	17°♋20'53	0°53'28
min. Earth dist.	-9733 Sep 18 j 09:41	16°♋09'20	0.66543 AU
morning rise	-9733 Sep 22 j 22:09	10°♋58'14	
direct	-9733 Sep 28 j 13:03	8°♋33'44	
morning max el	-9733 Oct 10 j 04:33	15°♋29'14	24°57'40
	-9733 Oct 22 j 04:35	0°♌	
desc. node	-9733 Oct 31 j 04:58	12°♌59'23	
	-9733 Nov 10 j 19:44	0°♍	
morning set	-9733 Nov 15 j 04:11	7°♍31'51	
max. Earth dist.	-9733 Nov 19 j 00:10	14°♍27'07	1.37375 AU
superior conj	-9733 Nov 25 j 09:28	26°♍35'35	-1°42'31
minimum elong	-9733 Nov 25 j 09:59	26°♍38'05	1°42'25
	-9733 Nov 27 j 03:01	0°♎	
evening rise	-9733 Dec 03 j 16:18	13°♎07'15	
asc. node	-9733 Dec 11 j 17:36	28°♎22'19	
	-9733 Dec 12 j 16:46	0°♏	
evening max el	-9733 Dec 20 j 20:39	10°♏48'15	19°24'06
retrograde	-9733 Dec 29 j 23:47	15°♏07'33	
evening set	-9732 Jan 01 j 12:08	14°♏49'23	
inferior conj	-9732 Jan 09 j 17:30	10°♏39'56	3°48'33
minimum elong	-9732 Jan 09 j 21:46	10°♏32'52	3°47'36
min. Earth dist.	-9732 Jan 12 j 12:01	8°♏50'15	0.56890 AU
morning rise	-9732 Jan 18 j 05:09	5°♏50'52	
direct	-9732 Jan 23 j 02:07	4°♏56'32	
desc. node	-9732 Jan 27 j 06:16	5°♏36'57	
morning max el	-9732 Feb 06 j 01:34	12°♏01'48	24°46'32
	-9732 Feb 19 j 19:30	0°♐	
morning set	-9732 Mar 02 j 23:03	22°♐53'54	
	-9732 Mar 06 j 07:00	0°♑	
asc. node	-9732 Mar 08 j 15:53	5°♑08'03	
superior conj	-9732 Mar 09 j 23:13	7°♑57'50	0°12'50
minimum elong	-9732 Mar 09 j 22:41	7°♑54'59	0°12'08
behind sun begin	-9732 Mar 09 j 19:26	7°♑37'19	
behind sun end	-9732 Mar 10 j 01:57	8°♑12'39	
max. Earth dist.	-9732 Mar 11 j 07:25	10°♑51'41	1.33214 AU
evening rise	-9732 Mar 17 j 07:46	23°♑29'39	
	-9732 Mar 20 j 14:22	0°♒	
	-9732 Apr 07 j 14:18	0°♓	
evening max el	-9732 Apr 18 j 14:46	13°♓07'17	27°21'43
desc. node	-9732 Apr 24 j 05:26	17°♓42'51	
retrograde	-9732 May 02 j 12:52	20°♓37'36	
evening set	-9732 May 09 j 10:39	18°♓17'25	
min. Earth dist.	-9732 May 13 j 02:57	15°♓18'41	0.62178 AU
inferior conj	-9732 May 16 j 03:15	12°♓25'35	-3°41'19
minimum elong	-9732 May 16 j 03:18	12°♓25'30	3°41'33
morning rise	-9732 May 22 j 21:19	7°♓21'51	
direct	-9732 May 25 j 13:02	6°♓49'50	
morning max el	-9732 Jun 01 j 05:03	10°♓12'31	18°00'54
asc. node	-9732 Jun 04 j 16:06	14°♓15'54	
	-9732 Jun 14 j 08:38	0°♈	
morning set	-9732 Jun 17 j 17:52	6°♈02'59	
superior conj	-9732 Jun 29 j 01:53	25°♈58'22	1°44'41
minimum elong	-9732 Jun 29 j 04:59	26°♈11'36	1°44'44
	-9732 Jul 01 j 10:57	0°♉	
max. Earth dist.	-9732 Jul 05 j 22:58	7°♉27'55	1.42719 AU
evening rise	-9732 Jul 13 j 22:26	20°♉14'44	
	-9732 Jul 20 j 05:46	0°♊	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9732 Jul 21 j 02:37	1°♊19'21	
	-9732 Aug 10 j 11:10	0°♋	
evening max el	-9732 Aug 13 j 15:07	3°♋30'50	21°22'00
retrograde	-9732 Aug 22 j 06:27	8°♋36'44	
evening set	-9732 Aug 26 j 10:20	7°♋00'00	
inferior conj	-9732 Aug 31 j 17:59	0°♋50'20	0°01'14
minimum elong	-9732 Aug 31 j 17:57	0°♋50'29	0°01'48
transit middle	-9732 Aug 31 j 17:57	0°♋50'29	0°01'48
transit begin	-9732 Aug 31 j 15:15	0°♋59'43	
transit end	-9732 Aug 31 j 20:38	0°♋41'14	
asc. node	-9732 Aug 31 j 16:28	0°♋55'32	
min. Earth dist.	-9732 Sep 01 j 03:33	0°♋17'32	0.67042 AU
	-9732 Sep 01 j 08:40	30°℞♊	
morning rise	-9732 Sep 06 j 01:24	24°♊31'10	
direct	-9732 Sep 11 j 01:40	22°♊25'08	
morning max el	-9732 Sep 21 j 14:26	28°♊44'12	23°34'41
	-9732 Sep 22 j 19:26	0°♋	
	-9732 Oct 14 j 23:41	0°♌	
desc. node	-9732 Oct 17 j 01:45	3°♌12'48	
morning set	-9732 Oct 26 j 12:26	18°♌28'10	
max. Earth dist.	-9732 Oct 30 j 22:12	26°♌01'18	1.39356 AU
	-9732 Nov 02 j 04:17	0°♍	
superior conj	-9732 Nov 07 j 08:52	9°♍28'08	-1°41'00
minimum elong	-9732 Nov 07 j 07:23	9°♍21'15	1°40'41
evening rise	-9732 Nov 16 j 12:12	26°♍57'36	
	-9732 Nov 18 j 02:01	0°♎	
asc. node	-9732 Nov 27 j 14:54	16°♎47'26	
evening max el	-9732 Dec 02 j 20:45	23°♎17'39	18°38'34
retrograde	-9732 Dec 10 j 18:36	27°♎08'43	
evening set	-9732 Dec 13 j 06:48	26°♎46'54	
inferior conj	-9732 Dec 20 j 22:15	22°♎17'58	4°14'20
minimum elong	-9732 Dec 20 j 23:00	22°♎16'31	4°14'10
min. Earth dist.	-9732 Dec 24 j 03:56	19°♎50'12	0.58565 AU
morning rise	-9732 Dec 28 j 13:20	17°♎05'28	
direct	-9731 Jan 03 j 15:14	15°♎33'58	
desc. node	-9731 Jan 13 j 03:04	19°♎02'39	
morning max el	-9731 Jan 17 j 17:47	22°♎53'10	26°11'17
	-9731 Jan 24 j 02:52	0°♏	
	-9731 Feb 11 j 13:04	0°♐	
morning set	-9731 Feb 15 j 10:48	7°♐57'13	
superior conj	-9731 Feb 22 j 10:27	23°♐00'14	-0°10'54
minimum elong	-9731 Feb 22 j 10:56	23°♐02'52	0°11'21
behind sun begin	-9731 Feb 22 j 07:27	22°♐43'48	
behind sun end	-9731 Feb 22 j 14:26	23°♐21'56	
max. Earth dist.	-9731 Feb 22 j 20:07	23°♐52'57	1.32834 AU
asc. node	-9731 Feb 23 j 12:59	25°♐24'57	
	-9731 Feb 25 j 15:44	0°♑	
evening rise	-9731 Mar 01 j 13:34	8°♑16'31	
	-9731 Mar 13 j 01:47	0°♒	
evening max el	-9731 Mar 31 j 18:32	25°♒12'12	26°47'23
	-9731 Apr 06 j 19:00	0°♓	
desc. node	-9731 Apr 11 j 02:41	2°♓01'34	
retrograde	-9731 Apr 14 j 20:29	2°♓37'03	
evening set	-9731 Apr 21 j 06:18	0°♓48'39	
	-9731 Apr 22 j 14:29	30°℞♒	
min. Earth dist.	-9731 Apr 25 j 07:39	28°♒00'38	0.60205 AU
inferior conj	-9731 Apr 28 j 15:55	25°♒13'00	-3°28'58
minimum elong	-9731 Apr 28 j 13:46	25°♒17'32	3°29'08
morning rise	-9731 May 05 j 23:32	20°♒29'47	
direct	-9731 May 08 j 11:45	20°♒05'21	
morning max el	-9731 May 15 j 17:02	23°♒36'30	18°13'04
	-9731 May 20 j 21:07	0°♓	
asc. node	-9731 May 22 j 12:55	2°♓33'15	
morning set	-9731 May 31 j 19:09	19°♓03'06	
	-9731 Jun 06 j 16:12	0°♈	
superior conj	-9731 Jun 10 j 17:53	7°♈24'19	1°49'53
minimum elong	-9731 Jun 10 j 17:41	7°♈23'23	1°49'53
max. Earth dist.	-9731 Jun 18 j 04:37	20°♈23'38	1.41042 AU
evening rise	-9731 Jun 23 j 14:39	29°♈23'20	
	-9731 Jun 23 j 23:41	0°♉	
desc. node	-9731 Jul 07 j 23:56	21°♉39'38	
	-9731 Jul 13 j 19:09	0°♊	
evening max el	-9731 Jul 27 j 06:57	16°♊52'01	22°40'24
retrograde	-9731 Aug 06 j 00:41	22°♊38'44	
evening set	-9731 Aug 10 j 18:22	20°♊40'57	
inferior conj	-9731 Aug 16 j 00:08	14°♊26'45	-0°49'15
minimum elong	-9731 Aug 16 j 01:11	14°♊23'09	0°48'19
min. Earth dist.	-9731 Aug 15 j 23:17	14°♊29'42	0.67249 AU
asc. node	-9731 Aug 18 j 13:28	11°♊02'39	
morning rise	-9731 Aug 21 j 07:55	8°♊10'25	
direct	-9731 Aug 25 j 18:26	6°♊23'49	
morning max el	-9731 Sep 04 j 03:28	12°♊01'05	22°10'44
	-9731 Sep 18 j 05:22	0°♋	
desc. node	-9731 Oct 03 j 22:35	23°♋39'06	
morning set	-9731 Oct 06 j 17:32	28°♋05'16	
	-9731 Oct 07 j 22:02	0°♌	
max. Earth dist.	-9731 Oct 12 j 23:11	8°♌17'59	1.41317 AU
superior conj	-9731 Oct 20 j 13:07	21°♌20'21	-1°28'41
minimum elong	-9731 Oct 20 j 09:21	21°♌03'39	1°27'58
	-9731 Oct 25 j 08:46	0°♍	
evening rise	-9731 Oct 30 j 21:49	10°♍13'59	
	-9731 Nov 11 j 05:37	0°♎	
asc. node	-9731 Nov 14 j 12:11	4°♎23'30	
evening max el	-9731 Nov 16 j 04:05	6°♎11'45	18°13'20
retrograde	-9731 Nov 23 j 06:49	9°♎47'40	
evening set	-9731 Nov 25 j 19:37	9°♎21'07	
inferior conj	-9731 Dec 02 j 22:14	4°♎30'29	4°08'42
minimum elong	-9731 Dec 02 j 20:06	4°♎35'12	4°08'31
min. Earth dist.	-9731 Dec 06 j 01:34	1°♎44'52	0.60444 AU
	-9731 Dec 08 j 06:35	30°℞♍	
morning rise	-9731 Dec 09 j 19:10	28°♍58'31	
direct	-9731 Dec 16 j 15:06	26°♍50'28	
	-9731 Dec 25 j 10:41	0°♎	
morning max el	-9731 Dec 30 j 15:50	4°♎18'07	27°10'17
desc. node	-9731 Dec 30 j 23:50	4°♎37'33	
	-9730 Jan 18 j 16:57	0°♏	
morning set	-9730 Jan 30 j 19:58	22°♏51'35	
	-9730 Feb 03 j 05:09	0°♐	
superior conj	-9730 Feb 06 j 22:15	8°♐03'16	-0°33'48
minimum elong	-9730 Feb 06 j 23:37	8°♐10'44	0°34'02
max. Earth dist.	-9730 Feb 06 j 09:38	6°♐54'24	1.32774 AU
asc. node	-9730 Feb 10 j 10:09	15°♐40'13	
evening rise	-9730 Feb 13 j 22:58	23°♐12'30	
	-9730 Feb 17 j 06:41	0°♑	
	-9730 Mar 07 j 16:13	0°♒	
evening max el	-9730 Mar 13 j 16:24	6°♒38'16	25°43'10
retrograde	-9730 Mar 27 j 18:49	13°♒52'53	
desc. node	-9730 Mar 28 j 23:52	13°♒49'19	
evening set	-9730 Apr 02 j 06:23	12°♒40'34	
min. Earth dist.	-9730 Apr 07 j 05:26	9°♒47'56	0.58234 AU
inferior conj	-9730 Apr 10 j 10:48	7°♒28'07	-2°49'50
minimum elong	-9730 Apr 10 j 06:51	7°♒35'19	2°49'32
morning rise	-9730 Apr 18 j 10:29	3°♒05'02	
direct	-9730 Apr 20 j 19:02	2°♒47'04	
morning max el	-9730 Apr 29 j 00:14	6°♒40'58	18°44'47
asc. node	-9730 May 09 j 09:47	21°♒28'42	
	-9730 May 13 j 23:18	0°♓	
morning set	-9730 May 15 j 09:27	2°♓45'03	
superior conj	-9730 May 24 j 07:36	19°♓57'29	1°43'51

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9730 May 24 j 05:23	19°♓47'00	1°43'35
	-9730 May 29 j 18:28	0°♈	
max. Earth dist.	-9730 May 31 j 05:27	2°♈36'06	1.39159 AU
evening rise	-9730 Jun 04 j 09:36	9°♈51'31	
	-9730 Jun 16 j 21:25	0°♉	
desc. node	-9730 Jun 24 j 21:18	11°♉43'37	
	-9730 Jul 09 j 13:01	0°♊	
evening max el	-9730 Jul 09 j 18:11	0°♊12'59	24°02'19
retrograde	-9730 Jul 20 j 15:49	6°♊40'03	
evening set	-9730 Jul 26 j 00:16	4°♊21'41	
	-9730 Jul 29 j 20:23	30°℞♉	
inferior conj	-9730 Jul 31 j 06:12	28°♉05'37	-1°36'31
minimum elong	-9730 Jul 31 j 08:07	27°♉59'04	1°35'23
min. Earth dist.	-9730 Jul 30 j 18:36	28°♉45'09	0.67157 AU
asc. node	-9730 Aug 05 j 10:25	22°♉06'07	
morning rise	-9730 Aug 05 j 15:56	21°♉55'26	
direct	-9730 Aug 09 j 14:25	20°♉27'07	
morning max el	-9730 Aug 17 j 22:05	25°♉23'13	20°53'00
	-9730 Aug 21 j 22:24	0°♊	
	-9730 Sep 11 j 16:43	0°♋	
morning set	-9730 Sep 16 j 00:44	6°♋42'30	
desc. node	-9730 Sep 20 j 19:31	14°♋14'07	
max. Earth dist.	-9730 Sep 25 j 06:03	21°♋21'33	1.42983 AU
	-9730 Sep 30 j 12:14	0°♌	
superior conj	-9730 Oct 01 j 16:33	1°♌58'24	-1°03'07
minimum elong	-9730 Oct 01 j 11:36	1°♌37'40	1°02'03
evening rise	-9730 Oct 13 j 17:09	22°♌47'12	
	-9730 Oct 17 j 19:04	0°♍	
evening max el	-9730 Oct 30 j 15:56	19°♍23'30	18°07'49
asc. node	-9730 Nov 01 j 09:27	20°♍56'27	
retrograde	-9730 Nov 06 j 08:40	22°♍55'14	
evening set	-9730 Nov 08 j 23:34	22°♍22'19	
inferior conj	-9730 Nov 15 j 14:45	17°♍11'04	3°41'52
minimum elong	-9730 Nov 15 j 11:15	17°♍19'51	3°41'23
min. Earth dist.	-9730 Nov 18 j 08:01	14°♍27'50	0.62265 AU
morning rise	-9730 Nov 21 j 21:55	11°♍23'23	
direct	-9730 Nov 28 j 23:58	8°♍49'12	
morning max el	-9730 Dec 12 j 20:02	16°♍22'34	27°35'29
desc. node	-9730 Dec 17 j 20:34	21°♍47'43	
	-9730 Dec 24 j 05:04	0°♎	
	-9729 Jan 11 j 05:41	0°♏	
morning set	-9729 Jan 15 j 00:25	7°♏29'22	
max. Earth dist.	-9729 Jan 20 j 20:12	19°♏42'31	1.33059 AU
superior conj	-9729 Jan 22 j 08:58	23°♏00'56	-0°55'06
minimum elong	-9729 Jan 22 j 10:59	23°♏11'53	0°55'10
	-9729 Jan 25 j 14:15	0°♐	
asc. node	-9729 Jan 28 j 07:21	5°♐49'34	
evening rise	-9729 Jan 29 j 10:06	8°♐10'57	
	-9729 Feb 09 j 22:44	0°♑	
evening max el	-9729 Feb 23 j 10:04	17°♑36'07	24°17'45
retrograde	-9729 Mar 09 j 05:30	24°♑29'05	
evening set	-9729 Mar 13 j 13:12	23°♑47'15	
desc. node	-9729 Mar 15 j 21:01	22°♑52'44	
min. Earth dist.	-9729 Mar 19 j 23:11	20°♑37'21	0.56588 AU
inferior conj	-9729 Mar 22 j 09:50	19°♑04'32	-1°38'18
minimum elong	-9729 Mar 22 j 06:16	19°♑10'13	1°37'50
morning rise	-9729 Mar 31 j 02:25	14°♑57'03	
direct	-9729 Apr 02 j 08:04	14°♑43'28	
morning max el	-9729 Apr 11 j 23:38	19°♑15'33	19°36'18
	-9729 Apr 20 j 05:29	0°♒	
asc. node	-9729 Apr 26 j 06:40	10°♒52'34	
morning set	-9729 Apr 29 j 09:03	16°♒58'44	
	-9729 May 05 j 20:43	0°♓	
superior conj	-9729 May 07 j 13:23	3°♓21'24	1°30'09
minimum elong	-9729 May 07 j 10:26	3°♓06'53	1°29'32
max. Earth dist.	-9729 May 13 j 06:40	14°♓20'32	1.37329 AU
evening rise	-9729 May 17 j 06:35	21°♓39'04	
	-9729 May 22 j 01:26	0°♈	
	-9729 Jun 10 j 17:39	0°♉	
desc. node	-9729 Jun 11 j 18:42	1°♉23'26	
evening max el	-9729 Jun 22 j 03:59	13°♉36'16	25°20'17
retrograde	-9729 Jul 04 j 02:57	20°♉35'37	
evening set	-9729 Jul 10 j 02:03	18°♉00'02	
min. Earth dist.	-9729 Jul 14 j 11:04	13°♉01'16	0.66736 AU
inferior conj	-9729 Jul 15 j 10:23	11°♉44'42	-2°19'06
minimum elong	-9729 Jul 15 j 12:53	11°♉36'28	2°18'01
morning rise	-9729 Jul 20 j 23:42	5°♉43'58	
asc. node	-9729 Jul 23 j 07:20	4°♉40'08	
direct	-9729 Jul 24 j 12:16	4°♉31'48	
morning max el	-9729 Jul 31 j 23:17	8°♉51'48	19°46'39
	-9729 Aug 16 j 08:05	0°♊	
morning set	-9729 Aug 26 j 03:19	15°♊09'47	
	-9729 Sep 04 j 14:21	0°♋	
desc. node	-9729 Sep 07 j 16:31	4°♋54'02	
max. Earth dist.	-9729 Sep 07 j 18:48	5°♋03'05	1.44133 AU
superior conj	-9729 Sep 11 j 16:15	11°♋16'57	-0°24'08
minimum elong	-9729 Sep 11 j 13:35	11°♋06'11	0°23'14
	-9729 Sep 23 j 01:55	0°♌	
evening rise	-9729 Sep 25 j 17:05	4°♌25'18	
	-9729 Oct 11 j 19:32	0°♍	
evening max el	-9729 Oct 14 j 05:22	2°♍46'15	18°21'04
asc. node	-9729 Oct 19 j 06:41	6°♍10'15	
retrograde	-9729 Oct 20 j 19:59	6°♍23'09	
evening set	-9729 Oct 23 j 15:01	5°♍41'33	
inferior conj	-9729 Oct 29 j 20:16	0°♍12'01	3°02'01
minimum elong	-9729 Oct 29 j 16:39	0°♍22'06	3°01'22
	-9729 Oct 30 j 00:34	30°℞♌	
min. Earth dist.	-9729 Nov 01 j 00:24	27°♌46'41	0.63856 AU
morning rise	-9729 Nov 04 j 17:37	24°♌11'46	
direct	-9729 Nov 11 j 16:15	21°♌25'58	
morning max el	-9729 Nov 25 j 04:19	29°♌00'33	27°26'00
	-9729 Nov 26 j 04:05	0°♍	
desc. node	-9729 Dec 04 j 17:18	10°♍05'44	
	-9729 Dec 18 j 00:02	0°♎	
morning set	-9729 Dec 29 j 21:35	21°♎41'40	
	-9728 Jan 02 j 23:58	0°♏	
max. Earth dist.	-9728 Jan 04 j 00:09	2°♏05'44	1.33726 AU
superior conj	-9728 Jan 06 j 16:48	7°♏47'01	-1°13'55
minimum elong	-9728 Jan 06 j 19:07	7°♏59'24	1°13'55
evening rise	-9728 Jan 13 j 21:17	23°♏05'55	
asc. node	-9728 Jan 15 j 04:35	25°♏48'29	
	-9728 Jan 17 j 06:12	0°♐	
evening max el	-9728 Feb 05 j 04:03	28°♐27'47	22°44'00
	-9728 Feb 06 j 21:47	0°♑	
retrograde	-9728 Feb 18 j 03:27	4°♑43'36	
evening set	-9728 Feb 21 j 11:04	4°♑19'34	
min. Earth dist.	-9728 Feb 29 j 14:47	0°♑41'01	0.55592 AU
inferior conj	-9728 Mar 01 j 15:24	0°♑05'27	0°01'46
minimum elong	-9728 Mar 01 j 15:27	0°♑05'23	0°01'10
transit middle	-9728 Mar 01 j 15:27	0°♑05'23	0°01'10
transit begin	-9728 Mar 01 j 11:23	0°♑11'15	
transit end	-9728 Mar 01 j 19:31	29°♐59'30	
desc. node	-9728 Mar 01 j 18:05	0°♑01'34	
	-9728 Mar 01 j 19:10	30°℞♐	
morning rise	-9728 Mar 10 j 21:19	26°♐03'27	
direct	-9728 Mar 13 j 05:27	25°♐50'29	
	-9728 Mar 23 j 04:16	0°♑	
morning max el	-9728 Mar 24 j 12:42	1°♑12'08	20°47'06
	-9728 Apr 11 j 20:08	0°♒	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9728 Apr 12 j 03:37	0°♒38'00	
morning set	-9728 Apr 12 j 15:05	1°♒36'27	
superior conj	-9728 Apr 20 j 06:45	17°♒23'33	1°11'28
minimum elong	-9728 Apr 20 j 03:58	17°♒09'22	1°10'37
max. Earth dist.	-9728 Apr 24 j 15:04	26°♒06'49	1.35745 AU
	-9728 Apr 26 j 15:00	0°♓	
evening rise	-9728 Apr 29 j 00:12	4°♓31'27	
	-9728 May 13 j 21:59	0°♈	
desc. node	-9728 May 28 j 16:06	20°♈28'53	
evening max el	-9728 Jun 03 j 14:27	27°♈00'12	26°25'33
	-9728 Jun 06 j 22:06	0°♉	
retrograde	-9728 Jun 16 j 09:16	4°♉19'55	
evening set	-9728 Jun 22 j 21:28	1°♉33'44	
	-9728 Jun 24 j 12:34	30°℞♈	
min. Earth dist.	-9728 Jun 26 j 22:18	27°♈14'15	0.65955 AU
inferior conj	-9728 Jun 28 j 10:42	25°♈21'36	-2°55'21
minimum elong	-9728 Jun 28 j 13:22	25°♈13'22	2°54'31
morning rise	-9728 Jul 04 j 05:23	19°♈33'31	
direct	-9728 Jul 07 j 10:04	18°♈35'09	
asc. node	-9728 Jul 09 j 04:13	18°♈52'11	
morning max el	-9728 Jul 14 j 06:34	22°♈26'45	18°55'01
	-9728 Jul 20 j 06:47	0°♉	
morning set	-9728 Aug 04 j 21:18	24°♉22'22	
	-9728 Aug 08 j 09:55	0°♊	
superior conj	-9728 Aug 20 j 19:09	19°♊37'50	0°22'41
minimum elong	-9728 Aug 20 j 22:02	19°♊49'14	0°22'53
max. Earth dist.	-9728 Aug 20 j 11:28	19°♊07'27	1.44621 AU
desc. node	-9728 Aug 24 j 13:36	25°♊35'42	
	-9728 Aug 27 j 08:15	0°♋	
evening rise	-9728 Sep 05 j 16:22	14°♋55'55	
	-9728 Sep 15 j 01:46	0°♌	
evening max el	-9728 Sep 26 j 17:32	16°♌14'04	18°51'51
retrograde	-9728 Oct 03 j 13:12	20°♌04'59	
asc. node	-9728 Oct 05 j 03:53	19°♌50'11	
evening set	-9728 Oct 06 j 14:33	19°♌11'52	
inferior conj	-9728 Oct 12 j 11:29	13°♌26'53	2°14'39
minimum elong	-9728 Oct 12 j 08:32	13°♌35'50	2°14'08
min. Earth dist.	-9728 Oct 14 j 02:19	11°♌28'48	0.65147 AU
morning rise	-9728 Oct 18 j 02:07	7°♌16'57	
direct	-9728 Oct 24 j 14:47	4°♌32'43	
morning max el	-9728 Nov 06 j 14:16	12°♌00'51	26°45'44
desc. node	-9728 Nov 20 j 13:59	29°♌11'06	
	-9728 Nov 21 j 03:43	0°♍	
	-9728 Dec 09 j 12:23	0°♎	
morning set	-9728 Dec 12 j 07:56	5°♎16'22	
max. Earth dist.	-9728 Dec 16 j 18:14	13°♎56'14	1.34820 AU
superior conj	-9728 Dec 20 j 19:32	22°♎12'58	-1°29'13
minimum elong	-9728 Dec 20 j 21:41	22°♎24'07	1°29'11
	-9728 Dec 24 j 12:49	0°♏	
evening rise	-9728 Dec 28 j 06:46	7°♏50'17	
asc. node	-9727 Jan 01 j 01:51	15°♏30'41	
	-9727 Jan 09 j 08:18	0°♐	
evening max el	-9727 Jan 17 j 03:24	9°♐34'24	21°14'42
retrograde	-9727 Jan 28 j 17:42	15°♐03'04	
evening set	-9727 Jan 31 j 11:41	14°♐45'41	
inferior conj	-9727 Feb 09 j 12:21	10°♐46'13	1°49'40
minimum elong	-9727 Feb 09 j 16:50	10°♐39'49	1°47'47
min. Earth dist.	-9727 Feb 10 j 04:53	10°♐22'36	0.55440 AU
desc. node	-9727 Feb 16 j 15:04	7°♐13'33	
morning rise	-9727 Feb 18 j 21:23	6°♐34'50	
direct	-9727 Feb 21 j 19:46	6°♐15'52	
morning max el	-9727 Mar 06 j 14:36	12°♐27'44	22°14'34
	-9727 Mar 19 j 12:02	0°♑	
morning set	-9727 Mar 28 j 01:08	16°♑30'12	

asc. node	-9727 Mar 30 j 00:35	20°♑38'26	
	-9727 Apr 03 j 10:44	0°♒	
superior conj	-9727 Apr 04 j 08:11	1°♒52'54	0°49'47
minimum elong	-9727 Apr 04 j 06:06	1°♒41'59	0°48'53
max. Earth dist.	-9727 Apr 07 j 09:32	8°♒14'26	1.34488 AU
evening rise	-9727 Apr 12 j 08:54	18°♒11'43	
	-9727 Apr 18 j 16:48	0°♓	
	-9727 May 08 j 02:37	0°♈	
desc. node	-9727 May 15 j 13:30	8°♈45'36	
evening max el	-9727 May 17 j 01:27	10°♈16'15	27°09'52
retrograde	-9727 May 30 j 10:19	17°♈45'55	
evening set	-9727 Jun 06 j 07:48	14°♈59'15	
min. Earth dist.	-9727 Jun 10 j 02:06	11°♈17'23	0.64779 AU
inferior conj	-9727 Jun 12 j 04:55	8°♈52'38	-3°23'03
minimum elong	-9727 Jun 12 j 07:09	8°♈46'16	3°22'40
morning rise	-9727 Jun 18 j 06:55	3°♈20'11	
direct	-9727 Jun 21 j 05:31	2°♈33'28	
asc. node	-9727 Jun 26 j 01:04	4°♈32'41	
morning max el	-9727 Jun 27 j 18:20	6°♈05'47	18°19'58
	-9727 Jul 13 j 19:53	0°♉	
morning set	-9727 Jul 16 j 16:17	4°♉45'15	
superior conj	-9727 Jul 30 j 21:21	27°♉59'13	1°05'46
minimum elong	-9727 Jul 31 j 03:50	28°♉25'08	1°05'32
	-9727 Aug 01 j 03:35	0°♊	
max. Earth dist.	-9727 Aug 03 j 04:37	3°♊15'09	1.44391 AU
desc. node	-9727 Aug 11 j 10:46	16°♊16'08	
evening rise	-9727 Aug 16 j 13:06	24°♊14'30	
	-9727 Aug 20 j 05:47	0°♋	
greatest brilliancy	-9727 Aug 27 j 21:51	11°♋49'40	-0.7m
evening max el	-9727 Sep 10 j 01:46	29°♋42'41	19°38'59
	-9727 Sep 10 j 08:35	0°♌	
retrograde	-9727 Sep 17 j 09:26	3°♌56'26	
evening set	-9727 Sep 20 j 19:18	2°♌48'45	
asc. node	-9727 Sep 22 j 01:01	1°♌51'21	
	-9727 Sep 23 j 20:50	30°℞♋	
inferior conj	-9727 Sep 26 j 09:40	26°♋51'32	1°23'33
minimum elong	-9727 Sep 26 j 07:46	26°♋57'42	1°23'22
min. Earth dist.	-9727 Sep 27 j 12:17	25°♋25'08	0.66118 AU
morning rise	-9727 Oct 01 j 19:57	20°♋35'04	
direct	-9727 Oct 07 j 19:06	18°♋01'51	
morning max el	-9727 Oct 20 j 00:10	25°♋12'56	25°41'51
	-9727 Oct 24 j 09:46	0°♌	
desc. node	-9727 Nov 07 j 10:42	18°♌50'14	
	-9727 Nov 14 j 15:20	0°♍	
morning set	-9727 Nov 25 j 03:07	18°♍00'57	
max. Earth dist.	-9727 Nov 29 j 01:31	25°♍20'21	1.36341 AU
	-9727 Dec 01 j 11:35	0°♎	
superior conj	-9727 Dec 04 j 14:34	6°♎10'46	-1°39'32
minimum elong	-9727 Dec 04 j 15:54	6°♎17'25	1°39'29
evening rise	-9727 Dec 12 j 12:44	22°♎18'25	
	-9727 Dec 16 j 09:32	0°♏	
asc. node	-9727 Dec 18 j 23:07	4°♏49'32	
evening max el	-9727 Dec 30 j 11:57	21°♏11'18	19°59'08
retrograde	-9726 Jan 09 j 12:02	25°♏53'41	
evening set	-9726 Jan 12 j 01:00	25°♏36'50	
inferior conj	-9726 Jan 20 j 14:15	21°♏34'33	3°16'01
minimum elong	-9726 Jan 20 j 19:46	21°♏26'00	3°14'25
min. Earth dist.	-9726 Jan 22 j 18:28	20°♏14'05	0.56152 AU
morning rise	-9726 Jan 29 j 12:35	17°♏00'12	
direct	-9726 Feb 02 j 14:25	16°♏23'21	
desc. node	-9726 Feb 03 j 11:58	16°♏25'11	
morning max el	-9726 Feb 16 j 08:01	23°♏14'05	23°51'27
	-9726 Feb 22 j 08:10	0°♐	
	-9726 Mar 11 j 19:24	0°♑	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9726 Mar 12 j 13:15	1°♉33'02	
asc. node	-9726 Mar 16 j 21:35	10°♉48'53	
superior conj	-9726 Mar 19 j 15:02	16°♉41'03	0°26'30
minimum elong	-9726 Mar 19 j 13:55	16°♉35'02	0°25'42
max. Earth dist.	-9726 Mar 21 j 13:19	20°♉48'13	1.33580 AU
	-9726 Mar 25 j 23:17	0°♒	
evening rise	-9726 Mar 27 j 04:16	2°♒26'17	
	-9726 Apr 11 j 13:48	0°♓	
evening max el	-9726 Apr 29 j 11:15	23°♓12'37	27°26'26
desc. node	-9726 May 02 j 10:51	25°♓53'02	
	-9726 May 09 j 05:48	0°♈	
retrograde	-9726 May 13 j 05:36	0°♈44'50	
	-9726 May 17 j 00:48	30°♓℞	
evening set	-9726 May 20 j 05:50	28°♓10'43	
min. Earth dist.	-9726 May 23 j 20:59	24°♓59'45	0.63218 AU
inferior conj	-9726 May 26 j 14:15	22°♓12'21	-3°39'06
minimum elong	-9726 May 26 j 15:19	22°♓09'36	3°39'11
morning rise	-9726 Jun 02 j 01:47	16°♓57'51	
direct	-9726 Jun 04 j 19:40	16°♓21'01	
morning max el	-9726 Jun 11 j 08:16	19°♓44'07	18°02'36
asc. node	-9726 Jun 12 j 21:54	21°♓25'47	
	-9726 Jun 18 j 23:04	0°♈	
morning set	-9726 Jun 28 j 11:49	16°♈16'48	
	-9726 Jul 06 j 10:35	0°♉	
superior conj	-9726 Jul 10 j 19:14	7°♉19'11	1°35'10
minimum elong	-9726 Jul 11 j 00:20	7°♉40'19	1°35'06
max. Earth dist.	-9726 Jul 16 j 18:30	17°♉05'04	1.43486 AU
	-9726 Jul 24 j 21:53	0°♊	
evening rise	-9726 Jul 26 j 15:31	2°♊42'11	
desc. node	-9726 Jul 29 j 08:01	6°♊51'40	
	-9726 Aug 13 j 19:45	0°♋	
evening max el	-9726 Aug 24 j 03:59	13°♋08'18	20°40'52
retrograde	-9726 Sep 01 j 06:16	17°♋53'32	
evening set	-9726 Sep 05 j 02:54	16°♋28'14	
asc. node	-9726 Sep 08 j 22:06	12°♋29'29	
inferior conj	-9726 Sep 10 j 12:27	10°♋22'06	0°31'11
minimum elong	-9726 Sep 10 j 11:44	10°♋24'31	0°31'28
min. Earth dist.	-9726 Sep 11 j 04:02	9°♋29'21	0.66783 AU
morning rise	-9726 Sep 15 j 20:23	4°♋02'39	
direct	-9726 Sep 21 j 04:52	1°♋45'54	
morning max el	-9726 Oct 02 j 09:42	8°♋27'40	24°23'04
	-9726 Oct 19 j 08:27	0°♌	
desc. node	-9726 Oct 25 j 07:26	8°♌52'50	
morning set	-9726 Nov 07 j 01:42	29°♌40'36	
	-9726 Nov 07 j 06:11	0°♍	
max. Earth dist.	-9726 Nov 11 j 00:40	6°♍39'40	1.38200 AU
superior conj	-9726 Nov 17 j 22:21	19°♍30'10	-1°43'02
minimum elong	-9726 Nov 17 j 22:06	19°♍28'58	1°42'51
	-9726 Nov 23 j 07:24	0°♎	
evening rise	-9726 Nov 26 j 13:01	6°♎24'05	
asc. node	-9726 Dec 05 j 20:24	23°♎37'03	
	-9726 Dec 10 j 05:44	0°♏	
evening max el	-9726 Dec 13 j 06:44	3°♏22'47	19°02'13
retrograde	-9726 Dec 21 j 20:29	7°♏28'38	
evening set	-9726 Dec 24 j 08:28	7°♏09'15	
inferior conj	-9725 Jan 01 j 07:52	2°♏52'15	4°04'00
minimum elong	-9725 Jan 01 j 10:42	2°♏47'14	4°03'28
min. Earth dist.	-9725 Jan 04 j 09:07	0°♏43'54	0.57554 AU
	-9725 Jan 05 j 11:46	30°♐℞	
morning rise	-9725 Jan 09 j 10:43	27°♎52'16	
direct	-9725 Jan 14 j 20:48	26°♎42'50	
desc. node	-9725 Jan 21 j 08:48	28°♎21'12	
	-9725 Jan 24 j 04:05	0°♏	
morning max el	-9725 Jan 28 j 22:54	3°♏56'04	25°24'57
	-9725 Feb 16 j 13:58	0°♐	
morning set	-9725 Feb 25 j 01:40	16°♐38'35	
	-9725 Mar 03 j 06:42	0°♎	
asc. node	-9725 Mar 03 j 18:38	1°♎04'59	
superior conj	-9725 Mar 04 j 01:14	1°♎40'54	0°02'44
minimum elong	-9725 Mar 04 j 01:09	1°♎40'22	0°02'08
behind sun begin	-9725 Mar 03 j 20:09	1°♎13'11	
behind sun end	-9725 Mar 04 j 06:09	2°♎07'33	
max. Earth dist.	-9725 Mar 04 j 23:38	3°♎42'31	1.33008 AU
evening rise	-9725 Mar 11 j 07:03	17°♎04'38	
	-9725 Mar 17 j 21:52	0°♒	
	-9725 Apr 06 j 12:13	0°♓	
evening max el	-9725 Apr 11 j 17:49	5°♓39'16	27°11'04
desc. node	-9725 Apr 19 j 08:08	11°♓23'45	
retrograde	-9725 Apr 25 j 18:14	13°♓08'39	
evening set	-9725 May 02 j 12:08	11°♓00'45	
min. Earth dist.	-9725 May 06 j 06:51	8°♓08'26	0.61350 AU
inferior conj	-9725 May 09 j 11:33	5°♓14'42	-3°38'55
minimum elong	-9725 May 09 j 10:42	5°♓16'38	3°39'11
morning rise	-9725 May 16 j 11:05	0°♓19'48	
	-9725 May 17 j 15:09	30°♓℞	
direct	-9725 May 19 j 01:09	29°♒51'19	
	-9725 May 20 j 10:48	0°♓	
morning max el	-9725 May 25 j 21:49	3°♓16'15	18°03'44
asc. node	-9725 May 30 j 18:44	9°♓16'50	
morning set	-9725 Jun 11 j 03:43	28°♓48'23	
	-9725 Jun 11 j 19:24	0°♈	
superior conj	-9725 Jun 21 j 20:28	18°♈00'44	1°48'30
minimum elong	-9725 Jun 21 j 22:03	18°♈07'38	1°48'35
	-9725 Jun 28 j 21:34	0°♉	
max. Earth dist.	-9725 Jun 29 j 02:49	0°♉21'49	1.42042 AU
evening rise	-9725 Jul 05 j 20:45	11°♉18'56	
desc. node	-9725 Jul 16 j 05:18	27°♉18'52	
	-9725 Jul 18 j 00:27	0°♊	
evening max el	-9725 Aug 06 j 23:26	26°♊30'57	21°54'32
	-9725 Aug 10 j 23:53	0°♋	
retrograde	-9725 Aug 16 j 01:51	1°♋54'20	
evening set	-9725 Aug 20 j 11:18	0°♋08'58	
	-9725 Aug 20 j 15:39	30°♊℞	
inferior conj	-9725 Aug 25 j 17:55	23°♊56'59	-0°20'28
minimum elong	-9725 Aug 25 j 18:21	23°♊55'29	0°19'44
min. Earth dist.	-9725 Aug 25 j 23:07	23°♊39'03	0.67161 AU
asc. node	-9725 Aug 26 j 19:09	22°♊30'20	
morning rise	-9725 Aug 31 j 01:16	17°♊38'19	
direct	-9725 Sep 04 j 19:29	15°♊40'27	
morning max el	-9725 Sep 14 j 20:29	21°♊42'38	22°58'32
	-9725 Sep 21 j 22:43	0°♋	
desc. node	-9725 Oct 12 j 04:14	29°♋12'00	
	-9725 Oct 12 j 16:29	0°♌	
morning set	-9725 Oct 18 j 22:28	10°♌02'47	
max. Earth dist.	-9725 Oct 23 j 22:37	18°♌26'57	1.40203 AU
	-9725 Oct 30 j 12:09	0°♍	
superior conj	-9725 Oct 31 j 14:19	1°♍58'44	-1°37'16
minimum elong	-9725 Oct 31 j 11:50	1°♍47'29	1°36'48
evening rise	-9725 Nov 10 j 04:57	20°♍00'36	
	-9725 Nov 15 j 12:58	0°♎	
asc. node	-9725 Nov 22 j 17:41	11°♎42'59	
evening max el	-9725 Nov 26 j 10:19	16°♎04'08	18°25'27
retrograde	-9725 Dec 03 j 22:47	19°♎46'56	
evening set	-9725 Dec 06 j 11:08	19°♎23'17	
inferior conj	-9725 Dec 13 j 21:00	14°♎45'32	4°15'10
minimum elong	-9725 Dec 13 j 20:22	14°♎46'50	4°15'04
min. Earth dist.	-9725 Dec 17 j 03:14	12°♎07'15	0.59356 AU
morning rise	-9725 Dec 21 j 03:52	9°♎24'20	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9725 Dec 27 j 15:10	7°♎36'05	
desc. node	-9724 Jan 08 j 05:35	12°♎46'08	
morning max el	-9724 Jan 10 j 17:09	14°♎59'43	26°40'06
	-9724 Jan 22 j 21:12	0°♏	
	-9724 Feb 08 j 17:27	0°♐	
morning set	-9724 Feb 09 j 12:33	1°♐39'08	
superior conj	-9724 Feb 16 j 12:56	16°♐44'48	-0°20'44
minimum elong	-9724 Feb 16 j 13:49	16°♐49'36	0°21'06
max. Earth dist.	-9724 Feb 16 j 13:01	16°♐45'14	1.32766 AU
asc. node	-9724 Feb 18 j 15:45	21°♐21'58	
	-9724 Feb 22 j 16:20	0°♑	
evening rise	-9724 Feb 23 j 14:39	1°♑56'46	
	-9724 Mar 09 j 23:55	0°♒	
evening max el	-9724 Mar 23 j 19:16	17°♒28'19	26°23'26
desc. node	-9724 Apr 05 j 05:23	24°♒42'19	
retrograde	-9724 Apr 06 j 22:22	24°♒49'37	
evening set	-9724 Apr 12 j 23:32	23°♒16'58	
min. Earth dist.	-9724 Apr 17 j 08:35	20°♒28'24	0.59349 AU
inferior conj	-9724 Apr 20 j 17:06	17°♒50'02	-3°16'07
minimum elong	-9724 Apr 20 j 14:03	17°♒56'06	3°16'07
morning rise	-9724 Apr 28 j 07:16	13°♒15'17	
direct	-9724 Apr 30 j 17:51	12°♒53'49	
morning max el	-9724 May 08 j 08:07	16°♒33'13	18°24'04
asc. node	-9724 May 16 j 15:36	27°♒51'53	
	-9724 May 17 j 21:26	0°♓	
morning set	-9724 May 24 j 11:06	12°♓07'49	
superior conj	-9724 Jun 02 j 22:24	29°♓57'01	1°48'28
minimum elong	-9724 Jun 02 j 21:10	29°♓51'19	1°48'22
	-9724 Jun 02 j 23:03	0°♈	
max. Earth dist.	-9724 Jun 10 j 05:54	12°♈57'57	1.40257 AU
evening rise	-9724 Jun 14 j 23:53	21°♈00'00	
	-9724 Jun 20 j 13:03	0°♉	
desc. node	-9724 Jul 02 j 02:39	17°♉32'56	
	-9724 Jul 11 j 03:15	0°♊	
evening max el	-9724 Jul 19 j 13:08	9°♊52'14	23°15'20
retrograde	-9724 Jul 29 j 18:48	15°♊56'15	
evening set	-9724 Aug 03 j 18:39	13°♊49'45	
inferior conj	-9724 Aug 09 j 00:16	7°♊34'40	-1°09'47
minimum elong	-9724 Aug 09 j 01:43	7°♊29'41	1°08'44
min. Earth dist.	-9724 Aug 08 j 19:00	7°♊52'47	0.67248 AU
asc. node	-9724 Aug 12 j 16:09	2°♊55'18	
morning rise	-9724 Aug 14 j 08:40	1°♊20'28	
	-9724 Aug 16 j 17:40	30°♉	
direct	-9724 Aug 18 j 13:56	29°♉41'36	
	-9724 Aug 20 j 12:05	0°♊	
morning max el	-9724 Aug 27 j 11:31	5°♊00'44	21°36'30
	-9724 Sep 15 j 04:47	0°♋	
morning set	-9724 Sep 27 j 16:51	19°♋09'51	
desc. node	-9724 Sep 28 j 01:07	19°♋42'30	
	-9724 Oct 04 j 10:21	0°♌	
max. Earth dist.	-9724 Oct 05 j 01:56	1°♌04'09	1.42074 AU
superior conj	-9724 Oct 12 j 08:45	13°♌21'38	-1°19'33
minimum elong	-9724 Oct 12 j 04:12	13°♌02'00	1°18'41
	-9724 Oct 21 j 17:28	0°♍	
evening rise	-9724 Oct 23 j 09:03	2°♍59'59	
asc. node	-9724 Nov 08 j 14:58	28°♍54'36	
evening max el	-9724 Nov 08 j 20:03	29°♍07'26	18°08'43
	-9724 Nov 09 j 18:30	0°♎	
retrograde	-9724 Nov 15 j 17:16	2°♎40'01	
evening set	-9724 Nov 18 j 06:56	2°♎10'49	
	-9724 Nov 21 j 23:18	30°♏	
inferior conj	-9724 Nov 25 j 04:28	27°♍11'10	3°59'22
minimum elong	-9724 Nov 25 j 01:35	27°♍17'56	3°59'04
min. Earth dist.	-9724 Nov 28 j 04:08	24°♍24'31	0.61238 AU
morning rise	-9724 Dec 01 j 19:03	21°♍32'30	
direct	-9724 Dec 08 j 19:07	19°♍11'45	
morning max el	-9724 Dec 22 j 17:48	26°♍41'22	27°25'21
desc. node	-9724 Dec 25 j 02:20	29°♍05'41	
	-9724 Dec 25 j 22:14	0°♎	
	-9723 Jan 15 j 07:35	0°♏	
morning set	-9723 Jan 23 j 20:01	16°♏27'47	
max. Earth dist.	-9723 Jan 30 j 01:53	29°♏43'41	1.32858 AU
	-9723 Jan 30 j 04:53	0°♐	
superior conj	-9723 Jan 31 j 00:31	1°♐46'45	-0°43'03
minimum elong	-9723 Jan 31 j 02:11	1°♐55'54	0°43'13
asc. node	-9723 Feb 04 j 12:55	11°♐35'35	
evening rise	-9723 Feb 07 j 01:03	16°♐55'21	
	-9723 Feb 13 j 14:33	0°♑	
evening max el	-9723 Mar 05 j 15:14	28°♑41'22	25°08'42
	-9723 Mar 07 j 01:41	0°♒	
retrograde	-9723 Mar 19 j 15:33	5°♒47'28	
desc. node	-9723 Mar 23 j 02:35	5°♒19'27	
evening set	-9723 Mar 24 j 15:36	4°♒49'28	
min. Earth dist.	-9723 Mar 30 j 04:17	1°♒50'57	0.57486 AU
	-9723 Apr 01 j 21:34	30°♑	
inferior conj	-9723 Apr 02 j 03:40	29°♑49'32	-2°23'36
minimum elong	-9723 Apr 01 j 23:30	29°♑56'41	2°23'06
morning rise	-9723 Apr 10 j 10:34	25°♑33'37	
direct	-9723 Apr 12 j 17:50	25°♑17'41	
morning max el	-9723 Apr 21 j 12:15	29°♑25'48	19°04'11
	-9723 Apr 22 j 02:19	0°♒	
asc. node	-9723 May 03 j 12:27	17°♒00'29	
morning set	-9723 May 08 j 05:46	26°♒04'39	
	-9723 May 10 j 05:30	0°♓	
superior conj	-9723 May 16 j 19:34	12°♓53'27	1°38'48
minimum elong	-9723 May 16 j 16:54	12°♓40'38	1°38'22
max. Earth dist.	-9723 May 23 j 06:40	24°♓57'50	1.38370 AU
	-9723 May 26 j 02:17	0°♈	
evening rise	-9723 May 27 j 06:26	2°♈03'15	
	-9723 Jun 13 j 17:51	0°♉	
desc. node	-9723 Jun 19 j 00:04	7°♉27'43	
evening max el	-9723 Jul 01 j 23:31	23°♉14'27	24°36'30
retrograde	-9723 Jul 13 j 08:09	29°♉55'45	
evening set	-9723 Jul 18 j 23:03	27°♉29'24	
min. Earth dist.	-9723 Jul 23 j 13:18	22°♉08'51	0.67025 AU
inferior conj	-9723 Jul 24 j 05:45	21°♉13'36	-1°55'17
minimum elong	-9723 Jul 24 j 07:57	21°♉06'10	1°54'07
morning rise	-9723 Jul 29 j 16:49	15°♉07'16	
asc. node	-9723 Jul 30 j 13:07	14°♉34'37	
direct	-9723 Aug 02 j 10:54	13°♉46'02	
morning max el	-9723 Aug 10 j 08:54	18°♉25'25	20°23'10
	-9723 Aug 19 j 12:01	0°♊	
morning set	-9723 Sep 06 j 19:26	27°♊35'22	
	-9723 Sep 08 j 08:36	0°♋	
desc. node	-9723 Sep 14 j 22:03	10°♋19'50	
max. Earth dist.	-9723 Sep 17 j 12:05	14°♋27'49	1.43547 AU
superior conj	-9723 Sep 23 j 00:18	23°♋25'06	-0°48'04
minimum elong	-9723 Sep 22 j 19:48	23°♋06'32	0°46'59
	-9723 Sep 26 j 23:25	0°♌	
evening rise	-9723 Oct 05 j 20:47	15°♌11'21	
	-9723 Oct 14 j 12:16	0°♍	
evening max el	-9723 Oct 23 j 08:54	12°♍24'11	18°11'13
asc. node	-9723 Oct 26 j 12:15	14°♍55'53	
retrograde	-9723 Oct 29 j 23:46	15°♍57'09	
evening set	-9723 Nov 01 j 16:13	15°♍20'45	
inferior conj	-9723 Nov 08 j 02:56	10°♍01'03	3°26'10
minimum elong	-9723 Nov 07 j 23:15	10°♍10'43	3°25'36
min. Earth dist.	-9723 Nov 10 j 14:36	7°♍24'16	0.62972 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning rise	-9723 Nov 14 j 05:29	4°♍07'42	
direct	-9723 Nov 21 j 06:58	1°♍27'13	
morning max el	-9723 Dec 05 j 00:08	9°♍01'16	27°35'42
desc. node	-9723 Dec 11 j 23:02	16°♍47'11	
	-9723 Dec 21 j 10:42	0°♎	
	-9722 Jan 07 j 10:36	0°♏	
morning set	-9722 Jan 07 j 21:43	0°♏55'44	
max. Earth dist.	-9722 Jan 13 j 10:17	12°♏23'19	1.33298 AU
superior conj	-9722 Jan 15 j 10:12	16°♏39'56	-1°03'26
minimum elong	-9722 Jan 15 j 12:24	16°♏51'48	1°03'28
	-9722 Jan 21 j 14:59	0°♐	
asc. node	-9722 Jan 22 j 10:08	1°♐41'03	
evening rise	-9722 Jan 22 j 12:24	1°♐52'59	
	-9722 Feb 07 j 05:58	0°♑	
evening max el	-9722 Feb 15 j 08:13	9°♑32'57	23°37'59
retrograde	-9722 Feb 28 j 20:35	16°♑12'07	
evening set	-9722 Mar 04 j 17:20	15°♑39'13	
desc. node	-9722 Mar 09 j 23:41	13°♑23'33	
min. Earth dist.	-9722 Mar 11 j 20:35	12°♑18'53	0.56075 AU
inferior conj	-9722 Mar 13 j 18:35	11°♑09'31	-0°58'32
minimum elong	-9722 Mar 13 j 16:11	11°♑13'07	0°58'22
morning rise	-9722 Mar 22 j 17:41	7°♑06'24	
direct	-9722 Mar 24 j 23:30	6°♑53'38	
morning max el	-9722 Apr 04 j 07:31	11°♑45'11	20°04'10
	-9722 Apr 16 j 23:17	0°♒	
asc. node	-9722 Apr 20 j 09:22	6°♒34'32	
morning set	-9722 Apr 22 j 08:26	10°♒29'56	
superior conj	-9722 Apr 30 j 06:48	26°♒35'41	1°22'43
minimum elong	-9722 Apr 30 j 03:51	26°♒20'52	1°21'58
	-9722 May 01 j 23:55	0°♓	
max. Earth dist.	-9722 May 05 j 10:23	6°♓40'31	1.36617 AU
evening rise	-9722 May 09 j 12:54	14°♓20'33	
	-9722 May 18 j 13:32	0°♈	
desc. node	-9722 Jun 05 j 21:30	26°♈54'54	
	-9722 Jun 08 j 09:10	0°♉	
evening max el	-9722 Jun 14 j 09:19	6°♉38'28	25°50'00
retrograde	-9722 Jun 26 j 17:19	13°♉48'08	
evening set	-9722 Jul 02 j 22:27	11°♉06'40	
min. Earth dist.	-9722 Jul 07 j 03:43	6°♉24'54	0.66452 AU
inferior conj	-9722 Jul 08 j 08:32	4°♉52'25	-2°35'24
minimum elong	-9722 Jul 08 j 11:09	4°♉43'58	2°34'23
	-9722 Jul 12 j 15:13	30°♓℞	
morning rise	-9722 Jul 13 j 23:56	28°♈56'59	
direct	-9722 Jul 17 j 08:52	27°♈51'08	
asc. node	-9722 Jul 17 j 10:00	27°♈51'09	
	-9722 Jul 22 j 09:34	0°♉	
morning max el	-9722 Jul 24 j 12:58	1°♉57'54	19°22'48
	-9722 Aug 13 j 02:32	0°♊	
morning set	-9722 Aug 17 j 02:37	6°♊17'13	
max. Earth dist.	-9722 Aug 31 j 03:02	28°♊22'08	1.44426 AU
	-9722 Sep 01 j 03:43	0°♋	
desc. node	-9722 Sep 01 j 19:07	1°♋01'07	
superior conj	-9722 Sep 02 j 13:25	2°♋13'57	-0°04'40
minimum elong	-9722 Sep 02 j 12:55	2°♋11'57	0°04'00
behind sun begin	-9722 Sep 02 j 01:58	1°♋28'23	
behind sun end	-9722 Sep 02 j 23:52	2°♋55'33	
evening rise	-9722 Sep 17 j 10:53	26°♋22'34	
	-9722 Sep 19 j 15:31	0°♌	
evening max el	-9722 Oct 06 j 22:01	25°♌49'03	18°32'00
asc. node	-9722 Oct 13 j 09:29	29°♌31'04	
retrograde	-9722 Oct 13 j 14:05	29°♌31'16	
evening set	-9722 Oct 16 j 11:26	28°♌45'14	
inferior conj	-9722 Oct 22 j 12:56	23°♌08'35	2°42'35
minimum elong	-9722 Oct 22 j 09:32	23°♌18'27	2°41'57
min. Earth dist.	-9722 Oct 24 j 11:18	20°♌53'57	0.64441 AU
morning rise	-9722 Oct 28 j 07:03	17°♌03'31	
direct	-9722 Nov 04 j 01:52	14°♌17'03	
morning max el	-9722 Nov 17 j 09:38	21°♌50'42	27°12'17
	-9722 Nov 24 j 15:46	0°♍	
desc. node	-9722 Nov 28 j 19:43	5°♍26'56	
	-9722 Dec 14 j 13:28	0°♎	
morning set	-9722 Dec 22 j 14:44	14°♎53'16	
max. Earth dist.	-9722 Dec 27 j 10:23	24°♎32'41	1.34134 AU
	-9722 Dec 30 j 01:20	0°♏	
superior conj	-9722 Dec 30 j 16:06	1°♏17'47	-1°20'56
minimum elong	-9722 Dec 30 j 18:26	1°♏30'01	1°20'54
evening rise	-9721 Jan 06 j 23:02	16°♏43'33	
asc. node	-9721 Jan 09 j 07:23	21°♏33'16	
	-9721 Jan 13 j 15:57	0°♐	
evening max el	-9721 Jan 28 j 03:40	20°♐27'36	22°04'48
retrograde	-9721 Feb 09 j 14:42	26°♐24'49	
evening set	-9721 Feb 12 j 14:54	26°♐04'47	
inferior conj	-9721 Feb 21 j 18:55	21°♐58'42	0°48'23
minimum elong	-9721 Feb 21 j 21:01	21°♐55'42	0°47'08
min. Earth dist.	-9721 Feb 21 j 11:32	22°♐09'12	0.55410 AU
desc. node	-9721 Feb 24 j 20:42	20°♐16'40	
morning rise	-9721 Mar 03 j 03:48	17°♐54'45	
direct	-9721 Mar 05 j 15:54	17°♐40'29	
morning max el	-9721 Mar 17 j 15:53	23°♐24'28	21°22'40
	-9721 Mar 23 j 09:05	0°♑	
morning set	-9721 Apr 06 j 16:24	25°♑15'17	
asc. node	-9721 Apr 07 j 06:17	26°♑26'58	
	-9721 Apr 08 j 23:15	0°♒	
superior conj	-9721 Apr 14 j 03:58	10°♒50'53	1°02'33
minimum elong	-9721 Apr 14 j 01:26	10°♒37'49	1°01'40
max. Earth dist.	-9721 Apr 17 j 22:34	18°♒32'54	1.35161 AU
evening rise	-9721 Apr 22 j 13:31	27°♒35'17	
	-9721 Apr 23 j 20:10	0°♓	
	-9721 May 11 j 19:56	0°♈	
desc. node	-9721 May 23 j 18:54	15°♈42'02	
evening max el	-9721 May 27 j 19:55	19°♈59'49	26°47'22
retrograde	-9721 Jun 09 j 21:41	27°♈25'50	
evening set	-9721 Jun 16 j 14:21	24°♈37'49	
min. Earth dist.	-9721 Jun 20 j 12:02	20°♈34'49	0.65501 AU
inferior conj	-9721 Jun 22 j 06:32	18°♈27'27	-3°08'18
minimum elong	-9721 Jun 22 j 09:05	18°♈19'47	3°07'41
morning rise	-9721 Jun 28 j 04:05	12°♈45'44	
direct	-9721 Jul 01 j 05:52	11°♈52'46	
asc. node	-9721 Jul 04 j 06:51	12°♈42'28	
morning max el	-9721 Jul 07 j 22:26	15°♈35'22	18°37'57
	-9721 Jul 18 j 09:35	0°♉	
morning set	-9721 Jul 28 j 06:41	15°♉58'04	
	-9721 Aug 05 j 23:27	0°♊	
superior conj	-9721 Aug 12 j 13:06	10°♊26'58	0°42'10
minimum elong	-9721 Aug 12 j 18:05	10°♊46'43	0°42'05
max. Earth dist.	-9721 Aug 13 j 19:44	12°♊28'08	1.44609 AU
desc. node	-9721 Aug 19 j 16:15	21°♊42'50	
	-9721 Aug 24 j 22:10	0°♋	
evening rise	-9721 Aug 28 j 22:36	6°♋21'37	
	-9721 Sep 13 j 03:06	0°♌	
evening max el	-9721 Sep 20 j 08:45	9°♌17'33	19°10'01
retrograde	-9721 Sep 27 j 08:53	13°♌17'18	
asc. node	-9721 Sep 30 j 06:37	12°♌28'34	
evening set	-9721 Sep 30 j 13:28	12°♌18'35	
inferior conj	-9721 Oct 06 j 07:25	6°♌28'11	1°53'17
minimum elong	-9721 Oct 06 j 04:53	6°♌36'07	1°52'52
min. Earth dist.	-9721 Oct 07 j 17:00	4°♌42'52	0.65597 AU
morning rise	-9721 Oct 11 j 19:54	0°♌14'53	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9721 Oct 12 j 02:58	30°℞♋	
direct	-9721 Oct 18 j 03:09	27°♋34'05	
	-9721 Oct 24 j 22:02	0°♌	
morning max el	-9721 Oct 30 j 19:39	4°♌57'15	26°20'53
desc. node	-9721 Nov 15 j 16:26	24°♌48'16	
	-9721 Nov 19 j 04:20	0°♍	
morning set	-9721 Dec 05 j 19:17	28°♍08'51	
	-9721 Dec 06 j 18:54	0°♎	
max. Earth dist.	-9721 Dec 09 j 23:28	6°♎08'57	1.35407 AU
superior conj	-9721 Dec 14 j 15:57	15°♎33'15	-1°34'19
minimum elong	-9721 Dec 14 j 17:51	15°♎42'54	1°34'17
	-9721 Dec 21 j 15:22	0°♏	
evening rise	-9721 Dec 22 j 07:15	1°♏21'49	
asc. node	-9721 Dec 27 j 04:38	11°♏06'36	
	-9720 Jan 08 j 12:27	0°♐	
evening max el	-9720 Jan 10 j 06:47	1°♐47'01	20°40'38
retrograde	-9720 Jan 21 j 05:03	6°♐55'00	
evening set	-9720 Jan 23 j 19:56	6°♐38'31	
inferior conj	-9720 Feb 01 j 16:25	2°♐40'14	2°30'21
minimum elong	-9720 Feb 01 j 21:54	2°♐32'12	2°28'23
min. Earth dist.	-9720 Feb 03 j 01:43	1°♐51'34	0.55635 AU
	-9720 Feb 06 j 11:43	30°℞♏	
morning rise	-9720 Feb 10 j 22:24	28°♏19'47	
desc. node	-9720 Feb 11 j 17:37	28°♏09'27	
direct	-9720 Feb 14 j 07:08	27°♏54'53	
	-9720 Feb 21 j 17:20	0°♐	
morning max el	-9720 Feb 27 j 13:39	4°♐26'06	22°55'13
	-9720 Mar 16 j 01:22	0°♑	
morning set	-9720 Mar 21 j 03:34	10°♑14'06	
asc. node	-9720 Mar 24 j 03:16	16°♑32'39	
superior conj	-9720 Mar 28 j 08:00	25°♑29'48	0°40'02
minimum elong	-9720 Mar 28 j 06:19	25°♑20'49	0°39'11
	-9720 Mar 30 j 11:14	0°♒	
max. Earth dist.	-9720 Mar 30 j 21:11	0°♒51'59	1.34060 AU
evening rise	-9720 Apr 05 j 03:16	11°♒32'33	
	-9720 Apr 15 j 04:03	0°♓	
	-9720 May 06 j 05:36	0°♈	
evening max el	-9720 May 09 j 06:48	3°♈09'54	27°20'38
desc. node	-9720 May 09 j 16:15	3°♈32'40	
retrograde	-9720 May 22 j 20:28	10°♈41'28	
evening set	-9720 May 29 j 19:53	7°♈58'44	
min. Earth dist.	-9720 Jun 02 j 12:23	4°♈30'47	0.64162 AU
inferior conj	-9720 Jun 04 j 21:21	1°♈54'59	-3°31'31
minimum elong	-9720 Jun 04 j 23:11	1°♈49'58	3°31'22
	-9720 Jun 06 j 16:26	30°℞♓	
morning rise	-9720 Jun 11 j 03:06	26°♓29'36	
direct	-9720 Jun 13 j 23:30	25°♓47'19	
asc. node	-9720 Jun 20 j 03:41	28°♓55'56	
morning max el	-9720 Jun 20 j 11:20	29°♓14'42	18°10'14
	-9720 Jun 21 j 04:43	0°♈	
morning set	-9720 Jul 08 j 12:31	26°♈51'17	
	-9720 Jul 10 j 09:01	0°♉	
superior conj	-9720 Jul 21 j 21:47	19°♉07'57	1°20'14
minimum elong	-9720 Jul 22 j 04:12	19°♉33'57	1°20'02
max. Earth dist.	-9720 Jul 26 j 11:30	26°♉29'16	1.44088 AU
	-9720 Jul 28 j 16:29	0°♊	
desc. node	-9720 Aug 05 j 13:27	12°♊21'49	
evening rise	-9720 Aug 07 j 09:34	15°♊13'17	
	-9720 Aug 17 j 00:16	0°♋	
greatest brilliancy	-9720 Aug 20 j 09:00	5°♋04'13	-0.7m
evening max el	-9720 Sep 02 j 14:42	22°♋45'39	20°03'46
retrograde	-9720 Sep 10 j 05:28	27°♋11'28	
evening set	-9720 Sep 13 j 19:41	25°♋56'41	
asc. node	-9720 Sep 16 j 03:44	23°♋50'45	
inferior conj	-9720 Sep 19 j 07:48	19°♋55'35	1°01'22
minimum elong	-9720 Sep 19 j 06:24	20°♋00'14	1°01'21
min. Earth dist.	-9720 Sep 20 j 05:40	18°♋43'11	0.66442 AU
morning rise	-9720 Sep 24 j 16:52	13°♋37'34	
direct	-9720 Sep 30 j 09:57	11°♋10'37	
morning max el	-9720 Oct 12 j 05:02	18°♋10'18	25°09'32
	-9720 Oct 22 j 05:20	0°♌	
desc. node	-9720 Nov 01 j 13:08	14°♌38'34	
	-9720 Nov 11 j 05:02	0°♍	
morning set	-9720 Nov 17 j 06:20	10°♍27'25	
max. Earth dist.	-9720 Nov 21 j 02:22	17°♍26'17	1.37098 AU
superior conj	-9720 Nov 27 j 06:42	29°♍16'24	-1°42'01
minimum elong	-9720 Nov 27 j 07:27	29°♍20'06	1°41'55
	-9720 Nov 27 j 15:32	0°♎	
evening rise	-9720 Dec 05 j 11:04	15°♎41'09	
	-9720 Dec 12 j 22:53	0°♏	
asc. node	-9720 Dec 13 j 01:55	0°♏13'16	
evening max el	-9720 Dec 22 j 19:50	13°♏39'08	19°32'34
retrograde	-9719 Jan 01 j 04:03	18°♏03'56	
evening set	-9719 Jan 03 j 16:35	17°♏46'07	
inferior conj	-9719 Jan 12 j 00:01	13°♏38'50	3°41'18
minimum elong	-9719 Jan 12 j 04:42	13°♏31'11	3°40'10
min. Earth dist.	-9719 Jan 14 j 15:20	11°♏56'24	0.56681 AU
morning rise	-9719 Jan 20 j 14:39	8°♏53'40	
direct	-9719 Jan 25 j 06:43	8°♏04'20	
desc. node	-9719 Jan 28 j 14:28	8°♏29'51	
morning max el	-9719 Feb 08 j 04:55	15°♏06'05	24°32'30
	-9719 Feb 19 j 23:32	0°♐	
morning set	-9719 Mar 05 j 16:01	25°♐18'43	
	-9719 Mar 07 j 21:03	0°♑	
asc. node	-9719 Mar 11 j 00:18	6°♑45'54	
superior conj	-9719 Mar 12 j 16:30	10°♑23'26	0°16'25
minimum elong	-9719 Mar 12 j 15:49	10°♑19'43	0°15'43
behind sun begin	-9719 Mar 12 j 15:36	10°♑18'29	
behind sun end	-9719 Mar 12 j 16:03	10°♑20'56	
max. Earth dist.	-9719 Mar 14 j 04:18	13°♑36'12	1.33301 AU
evening rise	-9719 Mar 20 j 02:09	25°♑58'28	
	-9719 Mar 22 j 02:31	0°♒	
	-9719 Apr 08 j 15:29	0°♓	
evening max el	-9719 Apr 21 j 15:46	15°♓55'48	27°23'58
desc. node	-9719 Apr 26 j 13:34	20°♓03'08	
retrograde	-9719 May 05 j 12:53	23°♓26'25	
evening set	-9719 May 12 j 11:39	21°♓02'15	
min. Earth dist.	-9719 May 16 j 03:25	18°♓00'49	0.62459 AU
inferior conj	-9719 May 19 j 02:01	15°♓08'42	-3°41'22
minimum elong	-9719 May 19 j 02:21	15°♓07'53	3°41'35
morning rise	-9719 May 25 j 18:19	10°♓02'07	
direct	-9719 May 28 j 10:37	9°♓28'50	
morning max el	-9719 Jun 04 j 01:23	12°♓51'09	18°00'44
asc. node	-9719 Jun 07 j 00:33	16°♓15'35	
	-9719 Jun 15 j 17:29	0°♈	
morning set	-9719 Jun 20 j 17:25	8°♈50'41	
superior conj	-9719 Jul 02 j 07:11	29°♈02'21	1°42'41
minimum elong	-9719 Jul 02 j 10:50	29°♈17'48	1°42'44
	-9719 Jul 02 j 20:49	0°♉	
max. Earth dist.	-9719 Jul 08 j 23:49	10°♉09'25	1.42936 AU
evening rise	-9719 Jul 17 j 10:26	23°♉37'45	
	-9719 Jul 21 j 13:03	0°♊	
desc. node	-9719 Jul 23 j 10:43	2°♊54'46	
	-9719 Aug 11 j 06:47	0°♋	
evening max el	-9719 Aug 16 j 14:10	6°♋10'54	21°11'00
retrograde	-9719 Aug 25 j 01:54	11°♋11'09	
evening set	-9719 Aug 29 j 03:52	9°♋37'23	
inferior conj	-9719 Sep 03 j 11:57	3°♋28'29	0°09'05

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9719 Sep 03 j 11:44	3°♋29'13	0°09'33
transit middle	-9719 Sep 03 j 11:44	3°♋29'13	0°09'33
transit begin	-9719 Sep 03 j 09:32	3°♋36'45	
transit end	-9719 Sep 03 j 13:57	3°♋21'40	
asc. node	-9719 Sep 03 j 00:49	4°♋06'31	
min. Earth dist.	-9719 Sep 03 j 23:01	2°♋50'36	0.66985 AU
	-9719 Sep 06 j 02:54	30°℞♊	
morning rise	-9719 Sep 08 j 19:28	27°♊09'13	
direct	-9719 Sep 13 j 21:49	25°♊00'28	
	-9719 Sep 23 j 03:44	0°♋	
morning max el	-9719 Sep 24 j 14:48	1°♋25'30	23°47'19
	-9719 Oct 16 j 06:09	0°♌	
desc. node	-9719 Oct 19 j 09:55	4°♌49'26	
morning set	-9719 Oct 29 j 18:25	21°♌35'04	
max. Earth dist.	-9719 Nov 03 j 00:38	28°♌56'19	1.39057 AU
	-9719 Nov 03 j 15:03	0°♍	
superior conj	-9719 Nov 10 j 08:23	12°♍16'09	-1°41'52
minimum elong	-9719 Nov 10 j 07:15	12°♍10'48	1°41'36
evening rise	-9719 Nov 19 j 08:11	29°♍35'42	
	-9719 Nov 19 j 13:11	0°♎	
asc. node	-9719 Nov 29 j 23:11	18°♎44'28	
evening max el	-9719 Dec 05 j 18:34	26°♎03'45	18°44'01
retrograde	-9719 Dec 13 j 20:14	29°♎58'19	
evening set	-9719 Dec 16 j 08:20	29°♎37'11	
inferior conj	-9719 Dec 24 j 01:48	25°♎11'18	4°12'45
minimum elong	-9719 Dec 24 j 03:06	25°♎08'52	4°12'29
min. Earth dist.	-9719 Dec 27 j 06:44	22°♎48'00	0.58296 AU
morning rise	-9719 Dec 31 j 19:53	20°♎01'50	
direct	-9718 Jan 06 j 17:56	18°♎36'14	
desc. node	-9718 Jan 15 j 11:18	21°♎32'43	
morning max el	-9718 Jan 20 j 20:38	25°♎54'03	26°00'04
	-9718 Jan 24 j 17:41	0°♏	
	-9718 Feb 13 j 00:33	0°♐	
morning set	-9718 Feb 18 j 04:00	10°♐22'42	
superior conj	-9718 Feb 25 j 03:32	25°♐25'10	-0°07'21
minimum elong	-9718 Feb 25 j 03:52	25°♐26'59	0°07'50
behind sun begin	-9718 Feb 24 j 23:29	25°♐03'06	
behind sun end	-9718 Feb 25 j 08:14	25°♐50'51	
max. Earth dist.	-9718 Feb 25 j 16:31	26°♐35'55	1.32868 AU
asc. node	-9718 Feb 25 j 21:23	27°♐02'29	
	-9718 Feb 27 j 06:04	0°♑	
evening rise	-9718 Mar 04 j 07:15	10°♑43'09	
	-9718 Mar 14 j 09:41	0°♒	
evening max el	-9718 Apr 03 j 20:14	28°♒06'07	26°54'30
	-9718 Apr 05 j 22:23	0°♓	
desc. node	-9718 Apr 13 j 10:51	4°♓41'56	
retrograde	-9718 Apr 17 j 21:49	5°♓32'26	
evening set	-9718 Apr 24 j 10:08	3°♓38'39	
min. Earth dist.	-9718 Apr 28 j 09:19	0°♓50'09	0.60502 AU
	-9718 Apr 29 j 09:23	30°℞♒	
inferior conj	-9718 May 01 j 17:01	28°♒00'09	-3°32'29
minimum elong	-9718 May 01 j 15:13	28°♒04'03	3°32'41
morning rise	-9718 May 08 j 22:29	23°♒14'02	
direct	-9718 May 11 j 11:11	22°♒48'37	
morning max el	-9718 May 18 j 13:54	26°♒17'38	18°10'06
	-9718 May 21 j 19:40	0°♓	
asc. node	-9718 May 24 j 21:24	4°♓26'32	
morning set	-9718 Jun 03 j 16:28	21°♓43'55	
	-9718 Jun 08 j 03:24	0°♈	
superior conj	-9718 Jun 13 j 19:34	10°♈17'36	1°49'54
minimum elong	-9718 Jun 13 j 19:48	10°♈18'35	1°49'57
max. Earth dist.	-9718 Jun 21 j 06:12	23°♈11'08	1.41309 AU
	-9718 Jun 25 j 08:46	0°♉	
evening rise	-9718 Jun 26 j 23:22	2°♉36'50	
desc. node	-9718 Jul 10 j 08:03	23°♉17'19	
	-9718 Jul 14 j 22:45	0°♊	
evening max el	-9718 Jul 30 j 06:51	19°♊32'22	22°28'17
retrograde	-9718 Aug 08 j 20:35	25°♊13'13	
evening set	-9718 Aug 13 j 12:05	23°♊18'37	
inferior conj	-9718 Aug 18 j 18:01	17°♊04'48	-0°41'48
minimum elong	-9718 Aug 18 j 18:54	17°♊01'44	0°40'54
min. Earth dist.	-9718 Aug 18 j 18:42	17°♊02'24	0.67237 AU
asc. node	-9718 Aug 20 j 21:52	14°♊10'10	
morning rise	-9718 Aug 24 j 01:38	10°♊47'43	
direct	-9718 Aug 28 j 14:02	8°♊58'19	
morning max el	-9718 Sep 07 j 03:15	14°♊42'11	22°22'56
	-9718 Sep 19 j 08:36	0°♋	
desc. node	-9718 Oct 06 j 06:45	25°♋14'03	
	-9718 Oct 09 j 06:44	0°♌	
morning set	-9718 Oct 10 j 03:31	1°♌23'38	
max. Earth dist.	-9718 Oct 16 j 00:35	11°♌04'35	1.41035 AU
superior conj	-9718 Oct 23 j 15:51	24°♌18'06	-1°31'20
minimum elong	-9718 Oct 23 j 12:24	24°♌02'42	1°30'43
	-9718 Oct 26 j 19:43	0°♍	
evening rise	-9718 Nov 02 j 19:33	12°♍57'31	
	-9718 Nov 12 j 08:12	0°♎	
asc. node	-9718 Nov 16 j 20:29	6°♎28'54	
evening max el	-9718 Nov 19 j 01:00	8°♎54'46	18°15'52
retrograde	-9718 Nov 26 j 06:02	12°♎32'12	
evening set	-9718 Nov 28 j 18:38	12°♎06'30	
inferior conj	-9718 Dec 05 j 23:04	7°♎19'16	4°11'09
minimum elong	-9718 Dec 05 j 21:17	7°♎23'08	4°11'00
min. Earth dist.	-9718 Dec 09 j 03:29	4°♎34'44	0.60159 AU
morning rise	-9718 Dec 12 j 22:25	1°♎49'51	
	-9718 Dec 17 j 10:58	30°℞♍	
direct	-9718 Dec 19 j 16:27	29°♍46'34	
	-9718 Dec 21 j 22:50	0°♎	
desc. node	-9717 Jan 02 j 08:05	6°♎50'36	
morning max el	-9717 Jan 02 j 17:44	7°♎13'37	27°03'33
	-9717 Jan 19 j 23:33	0°♏	
morning set	-9717 Feb 02 j 13:43	25°♏19'24	
	-9717 Feb 04 j 19:05	0°♐	
superior conj	-9717 Feb 09 j 15:23	10°♐29'07	-0°30'23
minimum elong	-9717 Feb 09 j 16:38	10°♐35'55	0°30'40
max. Earth dist.	-9717 Feb 09 j 06:06	9°♐38'23	1.32757 AU
asc. node	-9717 Feb 12 j 18:31	17°♐18'31	
evening rise	-9717 Feb 16 j 16:16	25°♐38'44	
	-9717 Feb 18 j 18:58	0°♑	
	-9717 Mar 08 j 11:02	0°♒	
evening max el	-9717 Mar 16 j 19:00	9°♒38'16	25°54'24
retrograde	-9717 Mar 30 j 21:55	16°♒55'14	
desc. node	-9717 Mar 31 j 08:05	16°♒54'47	
evening set	-9717 Apr 05 j 13:12	15°♒37'45	
min. Earth dist.	-9717 Apr 10 j 08:08	12°♒46'33	0.58512 AU
inferior conj	-9717 Apr 13 j 14:48	10°♒21'09	-2°57'52
minimum elong	-9717 Apr 13 j 11:02	10°♒28'11	2°57'37
morning rise	-9717 Apr 21 j 11:58	5°♒55'13	
direct	-9717 Apr 23 j 20:59	5°♒36'26	
morning max el	-9717 May 01 j 22:04	9°♒26'11	18°38'49
asc. node	-9717 May 11 j 18:16	23°♒17'11	
	-9717 May 15 j 10:06	0°♓	
morning set	-9717 May 18 j 05:06	5°♓20'35	
superior conj	-9717 May 27 j 06:27	22°♓42'01	1°45'21
minimum elong	-9717 May 27 j 04:26	22°♓32'36	1°45'07
	-9717 May 31 j 05:36	0°♈	
max. Earth dist.	-9717 Jun 03 j 07:17	5°♈28'49	1.39443 AU
evening rise	-9717 Jun 07 j 14:13	12°♈52'57	
	-9717 Jun 18 j 04:23	0°♉	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9717 Jun 27 j 05:26	13°♉24'25	
	-9717 Jul 10 j 01:28	0°♊	
evening max el	-9717 Jul 12 j 18:39	2°♊53'32	23°50'10
retrograde	-9717 Jul 23 j 12:18	9°♊14'57	
evening set	-9717 Jul 28 j 18:27	6°♊59'41	
min. Earth dist.	-9717 Aug 02 j 14:19	1°♊17'39	0.67192 AU
inferior conj	-9717 Aug 03 j 00:14	0°♊43'44	-1°29'40
minimum elong	-9717 Aug 03 j 02:02	0°♊37'32	1°28'31
	-9717 Aug 03 j 13:03	30°℞♉	
asc. node	-9717 Aug 07 j 18:52	25°♉02'23	
morning rise	-9717 Aug 08 j 09:34	24°♉32'17	
direct	-9717 Aug 12 j 09:44	23°♉01'18	
morning max el	-9717 Aug 20 j 20:53	28°♉03'21	21°03'51
	-9717 Aug 22 j 15:50	0°♊	
	-9717 Sep 12 j 23:51	0°♋	
morning set	-9717 Sep 19 j 13:08	10°♋07'12	
desc. node	-9717 Sep 23 j 03:39	15°♋48'02	
max. Earth dist.	-9717 Sep 28 j 06:19	24°♋00'52	1.42764 AU
	-9717 Oct 01 j 21:43	0°♌	
superior conj	-9717 Oct 04 j 23:20	5°♌08'14	-1°07'53
minimum elong	-9717 Oct 04 j 18:23	4°♌47'22	1°06'52
evening rise	-9717 Oct 16 j 17:19	25°♌37'51	
	-9717 Oct 19 j 04:06	0°♍	
evening max el	-9717 Nov 02 j 12:25	22°♍04'43	18°07'30
asc. node	-9717 Nov 03 j 17:47	23°♍12'43	
retrograde	-9717 Nov 09 j 06:02	25°♍36'17	
evening set	-9717 Nov 11 j 20:34	25°♍04'24	
inferior conj	-9717 Nov 18 j 13:21	19°♍56'13	3°46'53
minimum elong	-9717 Nov 18 j 09:58	20°♍04'34	3°46'28
min. Earth dist.	-9717 Nov 21 j 08:28	17°♍11'27	0.62004 AU
morning rise	-9717 Nov 24 j 22:18	14°♍10'50	
direct	-9717 Dec 02 j 00:15	11°♍39'32	
morning max el	-9717 Dec 15 j 21:01	19°♍12'12	27°34'01
desc. node	-9717 Dec 20 j 04:47	23°♍48'26	
	-9717 Dec 25 j 04:07	0°♎	
	-9716 Jan 12 j 17:04	0°♏	
morning set	-9716 Jan 17 j 19:00	10°♏00'22	
max. Earth dist.	-9716 Jan 23 j 17:19	22°♏29'31	1.32991 AU
superior conj	-9716 Jan 25 j 02:22	25°♏28'17	-0°51'59
minimum elong	-9716 Jan 25 j 04:18	25°♏38'49	0°52'06
	-9716 Jan 27 j 04:23	0°♐	
asc. node	-9716 Jan 30 j 15:40	7°♐29'16	
evening rise	-9716 Feb 01 j 03:14	10°♐37'34	
	-9716 Feb 11 j 04:48	0°♑	
evening max el	-9716 Feb 26 j 13:13	20°♑39'55	24°31'25
retrograde	-9716 Mar 11 j 10:25	27°♑36'41	
evening set	-9716 Mar 15 j 22:12	26°♑51'08	
desc. node	-9716 Mar 17 j 05:15	26°♑22'07	
min. Earth dist.	-9716 Mar 22 j 02:25	23°♑44'30	0.56802 AU
inferior conj	-9716 Mar 24 j 16:51	22°♑03'55	-1°51'16
minimum elong	-9716 Mar 24 j 13:01	22°♑10'09	1°50'46
morning rise	-9716 Apr 02 j 06:57	17°♑54'22	
direct	-9716 Apr 04 j 12:54	17°♑40'16	
morning max el	-9716 Apr 13 j 22:46	22°♑05'51	19°27'18
	-9716 Apr 20 j 08:29	0°♒	
asc. node	-9716 Apr 27 j 15:07	12°♒37'19	
morning set	-9716 May 01 j 03:30	19°♒30'09	
	-9716 May 06 j 09:26	0°♓	
superior conj	-9716 May 09 j 10:07	5°♓59'09	1°32'37
minimum elong	-9716 May 09 j 07:13	5°♓44'55	1°32'02
max. Earth dist.	-9716 May 15 j 08:10	17°♓16'22	1.37594 AU
evening rise	-9716 May 19 j 07:36	24°♓29'32	
	-9716 May 22 j 11:13	0°♈	
	-9716 Jun 10 j 19:22	0°♉	

desc. node	-9716 Jun 13 j 02:52	3°♉08'35	
evening max el	-9716 Jun 24 j 04:35	16°♉16'56	25°09'18
retrograde	-9716 Jul 05 j 24:00	23°♉11'49	
evening set	-9716 Jul 11 j 20:59	20°♉38'34	
min. Earth dist.	-9716 Jul 16 j 07:22	15°♉34'02	0.66822 AU
inferior conj	-9716 Jul 17 j 04:49	14°♉23'06	-2°13'04
minimum elong	-9716 Jul 17 j 07:15	14°♉15'02	2°11'56
morning rise	-9716 Jul 22 j 17:29	8°♉20'45	
asc. node	-9716 Jul 24 j 15:47	7°♉21'55	
direct	-9716 Jul 26 j 07:26	7°♉06'14	
morning max el	-9716 Aug 02 j 21:04	11°♉31'01	19°55'40
	-9716 Aug 16 j 13:35	0°♊	
morning set	-9716 Aug 28 j 15:05	18°♊32'47	
	-9716 Sep 04 j 22:42	0°♋	
desc. node	-9716 Sep 09 j 00:39	6°♋27'48	
max. Earth dist.	-9716 Sep 09 j 18:35	7°♋39'13	1.44003 AU
superior conj	-9716 Sep 14 j 03:09	14°♋38'59	-0°30'47
minimum elong	-9716 Sep 13 j 23:51	14°♋25'39	0°29'47
	-9716 Sep 23 j 10:54	0°♌	
evening rise	-9716 Sep 27 j 20:33	7°♌25'40	
	-9716 Oct 11 j 16:21	0°♍	
evening max el	-9716 Oct 16 j 01:50	5°♍26'48	18°17'55
asc. node	-9716 Oct 20 j 15:02	8°♍40'06	
retrograde	-9716 Oct 22 j 16:12	9°♍02'14	
evening set	-9716 Oct 25 j 10:33	8°♍22'00	
inferior conj	-9716 Oct 31 j 17:09	2°♍54'56	3°08'37
minimum elong	-9716 Oct 31 j 13:30	3°♍04'59	3°07'59
min. Earth dist.	-9716 Nov 02 j 23:15	0°♍26'22	0.63641 AU
	-9716 Nov 03 j 09:11	30°℞♌	
morning rise	-9716 Nov 06 j 15:46	26°♌56'28	
direct	-9716 Nov 13 j 15:26	24°♌11'39	
	-9716 Nov 25 j 07:23	0°♍	
morning max el	-9716 Nov 27 j 04:50	1°♍45'58	27°29'31
desc. node	-9716 Dec 06 j 01:27	11°♍57'41	
	-9716 Dec 18 j 07:30	0°♎	
morning set	-9716 Dec 31 j 17:24	24°♎16'55	
	-9715 Jan 03 j 13:18	0°♏	
max. Earth dist.	-9715 Jan 05 j 22:30	4°♏57'13	1.33605 AU
superior conj	-9715 Jan 08 j 10:43	10°♏16'24	-1°11'16
minimum elong	-9715 Jan 08 j 13:01	10°♏28'44	1°11'16
evening rise	-9715 Jan 15 j 14:30	25°♏33'26	
asc. node	-9715 Jan 16 j 12:53	27°♏30'05	
	-9715 Jan 17 j 18:05	0°♐	
	-9715 Feb 05 j 18:12	0°♑	
evening max el	-9715 Feb 07 j 06:44	1°♑30'32	22°57'55
retrograde	-9715 Feb 20 j 09:47	7°♑52'35	
evening set	-9715 Feb 23 j 20:35	7°♑26'37	
min. Earth dist.	-9715 Mar 03 j 18:03	3°♑53'20	0.55694 AU
desc. node	-9715 Mar 04 j 02:17	3°♑41'23	
inferior conj	-9715 Mar 05 j 00:31	3°♑08'57	-0°14'33
minimum elong	-9715 Mar 04 j 23:52	3°♑09'54	0°14'55
transit middle	-9715 Mar 04 j 23:52	3°♑09'54	0°14'55
transit begin	-9715 Mar 04 j 22:32	3°♑11'51	
transit end	-9715 Mar 05 j 01:12	3°♑07'58	
	-9715 Mar 11 j 03:42	30°℞♐	
morning rise	-9715 Mar 14 j 04:56	29°♐07'07	
direct	-9715 Mar 16 j 12:14	28°♐54'20	
	-9715 Mar 21 j 14:01	0°♑	
morning max el	-9715 Mar 27 j 13:22	4°♑07'52	20°35'23
	-9715 Apr 13 j 08:10	0°♒	
asc. node	-9715 Apr 14 j 12:00	2°♒19'41	
morning set	-9715 Apr 15 j 08:41	4°♒04'37	
superior conj	-9715 Apr 23 j 01:57	19°♒56'01	1°14'32
minimum elong	-9715 Apr 22 j 23:06	19°♒41'34	1°13'43

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9715 Apr 27 j 15:15	29°♒01'03	1.35962 AU
	-9715 Apr 28 j 03:22	0°♓	
evening rise	-9715 May 01 j 22:27	7°♓12'55	
	-9715 May 15 j 04:44	0°♈	
desc. node	-9715 May 31 j 00:18	22°♈20'04	
evening max el	-9715 Jun 06 j 14:52	29°♈40'59	26°16'59
	-9715 Jun 06 j 22:39	0°♉	
retrograde	-9715 Jun 19 j 06:58	6°♉58'12	
evening set	-9715 Jun 25 j 17:28	4°♉12'57	
	-9715 Jun 29 j 15:27	30°℞♈	
min. Earth dist.	-9715 Jun 29 j 19:25	29°♈47'47	0.66095 AU
inferior conj	-9715 Jul 01 j 05:49	28°♈00'19	-2°50'22
minimum elong	-9715 Jul 01 j 08:29	27°♈51'58	2°49'31
morning rise	-9715 Jul 06 j 23:35	22°♈10'17	
direct	-9715 Jul 10 j 05:21	21°♈10'00	
asc. node	-9715 Jul 11 j 12:39	21°♈19'28	
morning max el	-9715 Jul 17 j 03:32	25°♈05'07	19°01'44
	-9715 Jul 21 j 06:15	0°♉	
morning set	-9715 Aug 08 j 05:51	27°♉36'18	
	-9715 Aug 09 j 18:00	0°♊	
max. Earth dist.	-9715 Aug 23 j 11:05	21°♊42'15	1.44593 AU
superior conj	-9715 Aug 24 j 08:03	23°♊05'13	0°15'33
minimum elong	-9715 Aug 24 j 10:04	23°♊13'10	0°15'51
behind sun begin	-9715 Aug 24 j 07:15	23°♊02'00	
behind sun end	-9715 Aug 24 j 12:53	23°♊24'20	
desc. node	-9715 Aug 26 j 21:45	27°♊09'33	
	-9715 Aug 28 j 16:41	0°♋	
evening rise	-9715 Sep 08 j 23:47	18°♋07'14	
	-9715 Sep 16 j 07:57	0°♌	
evening max el	-9715 Sep 29 j 14:19	18°♌54'01	18°46'07
retrograde	-9715 Oct 06 j 08:48	22°♌42'25	
asc. node	-9715 Oct 07 j 12:14	22°♌35'00	
evening set	-9715 Oct 09 j 09:03	21°♌51'11	
inferior conj	-9715 Oct 15 j 07:06	16°♌08'08	2°22'10
minimum elong	-9715 Oct 15 j 04:01	16°♌17'24	2°21'35
min. Earth dist.	-9715 Oct 16 j 23:49	14°♌05'43	0.64976 AU
morning rise	-9715 Oct 20 j 22:33	9°♌59'24	
direct	-9715 Oct 27 j 12:55	7°♌14'22	
morning max el	-9715 Nov 09 j 14:44	14°♌44'02	26°53'26
	-9715 Nov 22 j 05:52	0°♍	
desc. node	-9715 Nov 22 j 22:07	0°♍56'49	
	-9715 Dec 10 j 23:12	0°♎	
morning set	-9715 Dec 15 j 05:36	7°♎57'55	
max. Earth dist.	-9715 Dec 19 j 18:19	16°♎53'04	1.34633 AU
superior conj	-9715 Dec 23 j 14:21	24°♎45'35	-1°27'13
minimum elong	-9715 Dec 23 j 16:33	24°♎57'08	1°27'09
	-9715 Dec 26 j 02:19	0°♏	
evening rise	-9715 Dec 31 j 00:20	10°♏19'38	
asc. node	-9714 Jan 03 j 10:08	17°♏15'06	
	-9714 Jan 10 j 10:57	0°♐	
evening max el	-9714 Jan 20 j 04:50	12°♐33'03	21°27'12
retrograde	-9714 Feb 01 j 00:44	18°♐09'20	
evening set	-9714 Feb 03 j 20:01	17°♐51'28	
inferior conj	-9714 Feb 12 j 21:51	13°♐50'46	1°34'06
minimum elong	-9714 Feb 13 j 01:47	13°♐45'09	1°32'21
min. Earth dist.	-9714 Feb 13 j 08:12	13°♐36'02	0.55404 AU
desc. node	-9714 Feb 18 j 23:13	10°♐43'54	
morning rise	-9714 Feb 22 j 07:19	9°♐41'58	
direct	-9714 Feb 25 j 02:33	9°♐24'35	
morning max el	-9714 Mar 09 j 16:53	15°♐29'23	22°00'49
	-9714 Mar 20 j 18:11	0°♑	
morning set	-9714 Mar 30 j 18:16	18°♑56'37	
asc. node	-9714 Apr 01 j 08:57	22°♑18'21	
	-9714 Apr 05 j 00:29	0°♒	
superior conj	-9714 Apr 07 j 02:21	4°♒22'14	0°53'11
minimum elong	-9714 Apr 07 j 00:09	4°♒10'42	0°52'18
max. Earth dist.	-9714 Apr 10 j 08:08	11°♒04'45	1.34648 AU
evening rise	-9714 Apr 15 j 05:10	20°♒47'05	
	-9714 Apr 20 j 03:12	0°♓	
	-9714 May 09 j 01:45	0°♈	
desc. node	-9714 May 17 j 21:40	10°♈45'27	
evening max el	-9714 May 20 j 01:44	12°♈58'43	27°04'52
retrograde	-9714 Jun 02 j 08:51	20°♈27'45	
evening set	-9714 Jun 09 j 05:20	17°♈40'11	
min. Earth dist.	-9714 Jun 13 j 00:22	13°♈53'09	0.64978 AU
inferior conj	-9714 Jun 15 j 01:04	11°♈32'34	-3°19'33
minimum elong	-9714 Jun 15 j 03:24	11°♈25'47	3°19'07
morning rise	-9714 Jun 21 j 01:51	5°♈57'44	
direct	-9714 Jun 24 j 01:14	5°♈09'29	
asc. node	-9714 Jun 28 j 09:30	6°♈47'44	
morning max el	-9714 Jun 30 j 14:48	8°♈44'07	18°24'07
	-9714 Jul 15 j 03:52	0°♉	
morning set	-9714 Jul 19 j 20:54	7°♉48'06	
	-9714 Aug 02 j 12:14	0°♊	
superior conj	-9714 Aug 03 j 08:49	1°♊22'06	0°59'59
minimum elong	-9714 Aug 03 j 15:05	1°♊47'05	0°59'46
max. Earth dist.	-9714 Aug 06 j 04:15	5°♊50'12	1.44468 AU
desc. node	-9714 Aug 13 j 18:56	17°♊50'29	
evening rise	-9714 Aug 20 j 00:13	27°♊35'45	
	-9714 Aug 21 j 13:05	0°♋	
greatest brilliancy	-9714 Aug 30 j 14:12	14°♋03'25	-0.7m
	-9714 Sep 10 j 20:14	0°♌	
evening max el	-9714 Sep 12 j 23:13	2°♌22'23	19°30'58
retrograde	-9714 Sep 20 j 04:46	6°♌32'24	
evening set	-9714 Sep 23 j 13:11	5°♌27'09	
asc. node	-9714 Sep 24 j 09:23	4°♌50'33	
	-9714 Sep 28 j 19:33	30°℞♋	
inferior conj	-9714 Sep 29 j 04:24	29°♋31'32	1°31'27
minimum elong	-9714 Sep 29 j 02:20	29°♋38'12	1°31'11
min. Earth dist.	-9714 Sep 30 j 08:46	28°♋00'11	0.65992 AU
morning rise	-9714 Oct 04 j 15:11	23°♋15'41	
direct	-9714 Oct 10 j 16:26	20°♋40'20	
morning max el	-9714 Oct 23 j 00:47	27°♋55'11	25°52'29
	-9714 Oct 25 j 00:47	0°♌	
desc. node	-9714 Nov 09 j 18:51	20°♌31'32	
	-9714 Nov 15 j 22:56	0°♍	
morning set	-9714 Nov 28 j 03:24	20°♍51'04	
max. Earth dist.	-9714 Dec 02 j 03:03	28°♍19'47	1.36088 AU
	-9714 Dec 02 j 23:51	0°♎	
superior conj	-9714 Dec 07 j 10:43	8°♎48'11	-1°38'24
minimum elong	-9714 Dec 07 j 12:13	8°♎55'45	1°38'20
evening rise	-9714 Dec 15 j 06:57	24°♎50'33	
	-9714 Dec 17 j 20:27	0°♏	
asc. node	-9714 Dec 21 j 07:25	6°♏38'05	
evening max el	-9713 Jan 02 j 11:55	24°♏05'13	20°09'15
retrograde	-9713 Jan 12 j 17:47	28°♏54'03	
evening set	-9713 Jan 15 j 06:59	28°♏37'28	
inferior conj	-9713 Jan 23 j 22:13	24°♏36'39	3°05'17
minimum elong	-9713 Jan 24 j 03:53	24°♏28'02	3°03'33
min. Earth dist.	-9713 Jan 25 j 21:59	23°♏24'09	0.55992 AU
morning rise	-9713 Feb 01 j 22:52	20°♏05'58	
direct	-9713 Feb 05 j 19:57	19°♏32'44	
desc. node	-9713 Feb 05 j 20:07	19°♏32'44	
morning max el	-9713 Feb 19 j 11:20	26°♏19'13	23°36'56
	-9713 Feb 22 j 22:52	0°♐	
	-9713 Mar 13 j 08:01	0°♑	
morning set	-9713 Mar 15 j 06:11	3°♑58'38	
asc. node	-9713 Mar 19 j 05:56	12°♑27'39	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9713 Mar 22 j 08:34	19°♉08'21	0°30'05
minimum elong	-9713 Mar 22 j 07:17	19°♉01'32	0°29'17
max. Earth dist.	-9713 Mar 24 j 10:34	23°♉34'30	1.33689 AU
	-9713 Mar 27 j 12:27	0°♒	
evening rise	-9713 Mar 29 j 23:12	4°♒57'34	
	-9713 Apr 12 j 19:52	0°♓	
evening max el	-9713 May 02 j 11:48	25°♓58'49	27°25'57
desc. node	-9713 May 04 j 19:00	28°♓05'04	
	-9713 May 07 j 05:09	0°♈	
retrograde	-9713 May 16 j 05:10	3°♈31'24	
evening set	-9713 May 23 j 05:27	0°♈54'32	
	-9713 May 24 j 08:50	30°℞♓	
min. Earth dist.	-9713 May 26 j 20:44	27°♓39'31	0.63471 AU
inferior conj	-9713 May 29 j 11:55	24°♓54'33	-3°37'39
minimum elong	-9713 May 29 j 13:13	24°♓51'09	3°37'41
morning rise	-9713 Jun 04 j 21:53	19°♓37'14	
direct	-9713 Jun 07 j 16:21	18°♓59'05	
morning max el	-9713 Jun 14 j 04:34	22°♓23'04	18°04'00
asc. node	-9713 Jun 15 j 06:20	23°♓31'03	
	-9713 Jun 20 j 02:43	0°♈	
morning set	-9713 Jul 01 j 13:01	19°♈09'56	
	-9713 Jul 07 j 20:13	0°♉	
superior conj	-9713 Jul 14 j 02:57	10°♉31'04	1°31'47
minimum elong	-9713 Jul 14 j 08:29	10°♉53'53	1°31'41
max. Earth dist.	-9713 Jul 19 j 18:27	19°♉42'35	1.43660 AU
	-9713 Jul 26 j 05:57	0°♊	
evening rise	-9713 Jul 30 j 04:11	6°♊07'40	
desc. node	-9713 Jul 31 j 16:11	8°♊27'02	
	-9713 Aug 14 j 22:54	0°♋	
evening max el	-9713 Aug 27 j 02:26	15°♋48'36	20°30'54
retrograde	-9713 Sep 04 j 01:38	20°♋28'43	
evening set	-9713 Sep 07 j 20:30	19°♋06'18	
asc. node	-9713 Sep 11 j 06:30	15°♋38'59	
inferior conj	-9713 Sep 13 j 06:40	13°♋01'23	0°39'07
minimum elong	-9713 Sep 13 j 05:46	13°♋04'25	0°39'19
min. Earth dist.	-9713 Sep 13 j 23:52	12°♋03'25	0.66701 AU
morning rise	-9713 Sep 18 j 14:49	6°♋42'09	
direct	-9713 Sep 24 j 01:32	4°♋22'33	
morning max el	-9713 Oct 05 j 10:14	11°♋09'34	24°35'22
	-9713 Oct 20 j 12:13	0°♌	
desc. node	-9713 Oct 27 j 15:39	10°♌31'24	
	-9713 Nov 08 j 16:05	0°♍	
morning set	-9713 Nov 10 j 05:28	2°♍41'48	
max. Earth dist.	-9713 Nov 14 j 02:53	9°♍37'20	1.37903 AU
superior conj	-9713 Nov 20 j 20:30	22°♍14'36	-1°43'03
minimum elong	-9713 Nov 20 j 20:32	22°♍14'47	1°42'55
	-9713 Nov 24 j 19:34	0°♎	
evening rise	-9713 Nov 29 j 08:17	9°♎00'23	
asc. node	-9713 Dec 08 j 04:43	25°♎31'21	
	-9713 Dec 11 j 01:46	0°♏	
evening max el	-9713 Dec 16 j 05:22	6°♏12'42	19°09'30
retrograde	-9713 Dec 24 j 23:37	10°♏22'56	
evening set	-9713 Dec 27 j 11:42	10°♏04'01	
inferior conj	-9712 Jan 04 j 13:12	5°♏49'53	3°59'17
minimum elong	-9712 Jan 04 j 16:34	5°♏44'04	3°58'36
min. Earth dist.	-9712 Jan 07 j 12:30	3°♏47'40	0.57313 AU
morning rise	-9712 Jan 12 j 19:11	0°♏53'34	
	-9712 Jan 15 j 22:30	30°℞♎	
direct	-9712 Jan 18 j 00:47	29°♎49'34	
	-9712 Jan 20 j 03:08	0°♏	
desc. node	-9712 Jan 23 j 16:58	1°♏04'33	
morning max el	-9712 Feb 01 j 02:09	7°♏00'24	25°11'44
	-9712 Feb 17 j 22:02	0°♐	
morning set	-9712 Feb 27 j 18:42	19°♐04'21	
	-9712 Mar 03 j 20:58	0°♑	
asc. node	-9712 Mar 05 j 03:00	2°♑43'18	
superior conj	-9712 Mar 05 j 18:26	4°♑07'06	0°06'21
minimum elong	-9712 Mar 05 j 18:11	4°♑05'45	0°05'43
behind sun begin	-9712 Mar 05 j 13:27	3°♑40'02	
behind sun end	-9712 Mar 05 j 22:55	4°♑31'28	
max. Earth dist.	-9712 Mar 06 j 20:09	6°♑26'31	1.33076 AU
evening rise	-9712 Mar 13 j 01:07	19°♑33'21	
	-9712 Mar 18 j 08:31	0°♒	
	-9712 Apr 06 j 05:50	0°♓	
evening max el	-9712 Apr 13 j 19:08	8°♓30'52	27°15'26
desc. node	-9712 Apr 20 j 16:17	13°♓52'22	
retrograde	-9712 Apr 27 j 18:53	16°♓00'40	
evening set	-9712 May 04 j 14:18	13°♓48'18	
min. Earth dist.	-9712 May 08 j 07:59	10°♓53'59	0.61645 AU
inferior conj	-9712 May 11 j 11:15	8°♓00'03	-3°40'20
minimum elong	-9712 May 11 j 10:44	8°♓01'16	3°40'35
morning rise	-9712 May 18 j 08:49	3°♓01'59	
direct	-9712 May 20 j 23:26	2°♓32'19	
morning max el	-9712 May 27 j 18:19	5°♓56'18	18°02'19
asc. node	-9712 Jun 01 j 03:11	11°♓14'09	
	-9712 Jun 12 j 05:39	0°♈	
morning set	-9712 Jun 13 j 02:14	1°♈33'22	
superior conj	-9712 Jun 24 j 00:06	21°♈00'08	1°47'26
minimum elong	-9712 Jun 24 j 02:13	21°♈09'15	1°47'31
	-9712 Jun 29 j 07:08	0°♉	
max. Earth dist.	-9712 Jul 01 j 03:46	3°♉05'15	1.42288 AU
evening rise	-9712 Jul 08 j 07:34	14°♉39'00	
desc. node	-9712 Jul 17 j 13:29	28°♉55'44	
	-9712 Jul 18 j 06:34	0°♊	
evening max el	-9712 Aug 08 j 22:58	29°♊11'53	21°43'04
	-9712 Aug 09 j 18:24	0°♋	
retrograde	-9712 Aug 17 j 21:26	4°♋29'00	
evening set	-9712 Aug 22 j 04:54	2°♋46'45	
	-9712 Aug 24 j 22:02	30°℞♊	
inferior conj	-9712 Aug 27 j 11:51	26°♊35'35	-0°12'47
minimum elong	-9712 Aug 27 j 12:07	26°♊34'40	0°12'06
transit middle	-9712 Aug 27 j 12:07	26°♊34'40	0°12'06
transit begin	-9712 Aug 27 j 10:18	26°♊40'57	
transit end	-9712 Aug 27 j 13:56	26°♊28'23	
min. Earth dist.	-9712 Aug 27 j 18:35	26°♊12'22	0.67123 AU
asc. node	-9712 Aug 28 j 03:35	25°♊41'26	
morning rise	-9712 Sep 01 j 19:11	20°♊16'40	
direct	-9712 Sep 06 j 15:31	18°♊15'52	
morning max el	-9712 Sep 16 j 20:35	24°♊24'00	23°11'09
	-9712 Sep 21 j 19:39	0°♋	
	-9712 Oct 13 j 00:02	0°♌	
desc. node	-9712 Oct 13 j 12:27	0°♌48'25	
morning set	-9712 Oct 21 j 06:16	13°♌15'30	
max. Earth dist.	-9712 Oct 26 j 00:38	21°♌18'54	1.39905 AU
	-9712 Oct 30 j 23:00	0°♍	
superior conj	-9712 Nov 02 j 15:09	4°♍51'36	-1°38'51
minimum elong	-9712 Nov 02 j 13:03	4°♍41'54	1°38'28
evening rise	-9712 Nov 12 j 01:39	22°♍41'33	
	-9712 Nov 15 j 22:09	0°♎	
asc. node	-9712 Nov 24 j 02:03	13°♎44'18	
evening max el	-9712 Nov 28 j 07:49	18°♎49'59	18°29'41
retrograde	-9712 Dec 05 j 23:18	22°♎35'18	
evening set	-9712 Dec 08 j 11:38	22°♎12'17	
inferior conj	-9712 Dec 15 j 23:25	17°♎37'41	4°15'26
minimum elong	-9712 Dec 15 j 23:15	17°♎38'00	4°15'20
min. Earth dist.	-9712 Dec 19 j 05:43	15°♎02'41	0.59077 AU
morning rise	-9712 Dec 23 j 09:06	12°♎19'30	
direct	-9712 Dec 29 j 17:26	10°♎37'03	
desc. node	-9711 Jan 09 j 13:46	15°♎08'55	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9711 Jan 12 j 19:34	17°♎59'06	26°30'33
	-9711 Jan 22 j 21:21	0°♏	
	-9711 Feb 09 j 06:13	0°♐	
morning set	-9711 Feb 11 j 05:57	4°♐05'58	
superior conj	-9711 Feb 18 j 06:02	19°♐10'37	-0°17'13
minimum elong	-9711 Feb 18 j 06:46	19°♐14'39	0°17'38
max. Earth dist.	-9711 Feb 18 j 09:26	19°♐29'14	1.32789 AU
asc. node	-9711 Feb 20 j 00:07	23°♐00'12	
	-9711 Feb 23 j 06:00	0°♑	
evening rise	-9711 Feb 25 j 08:11	4°♑23'55	
	-9711 Mar 11 j 04:15	0°♒	
evening max el	-9711 Mar 26 j 21:30	20°♒25'38	26°32'20
desc. node	-9711 Apr 07 j 13:32	27°♒33'00	
retrograde	-9711 Apr 10 j 00:13	27°♒48'02	
evening set	-9711 Apr 16 j 04:37	26°♒09'54	
min. Earth dist.	-9711 Apr 20 j 10:45	23°♒21'47	0.59649 AU
inferior conj	-9711 Apr 23 j 19:23	20°♒39'50	-3°21'25
minimum elong	-9711 Apr 23 j 16:38	20°♒45'24	3°21'27
morning rise	-9711 May 01 j 07:12	16°♒02'03	
direct	-9711 May 03 j 18:23	15°♒39'33	
morning max el	-9711 May 11 j 05:16	19°♒15'47	18°19'49
asc. node	-9711 May 19 j 00:02	29°♒43'06	
	-9711 May 19 j 04:06	0°♓	
morning set	-9711 May 27 j 07:37	14°♓46'32	
	-9711 Jun 04 j 10:22	0°♈	
superior conj	-9711 Jun 05 j 22:44	2°♈46'19	1°49'11
minimum elong	-9711 Jun 05 j 21:50	2°♈42'13	1°49'08
max. Earth dist.	-9711 Jun 13 j 07:53	15°♈49'01	1.40535 AU
evening rise	-9711 Jun 18 j 06:49	24°♈08'37	
	-9711 Jun 21 j 21:20	0°♉	
desc. node	-9711 Jul 04 j 10:50	19°♉12'18	
	-9711 Jul 12 j 03:24	0°♊	
evening max el	-9711 Jul 22 j 13:24	12°♊33'25	23°03'04
retrograde	-9711 Aug 01 j 14:50	18°♊31'15	
evening set	-9711 Aug 06 j 12:32	16°♊27'46	
inferior conj	-9711 Aug 11 j 18:10	10°♊12'59	-1°02'34
minimum elong	-9711 Aug 11 j 19:28	10°♊08'29	1°01'32
min. Earth dist.	-9711 Aug 11 j 14:27	10°♊25'47	0.67256 AU
asc. node	-9711 Aug 15 j 00:36	5°♊59'06	
morning rise	-9711 Aug 17 j 02:19	3°♊58'02	
direct	-9711 Aug 21 j 09:25	2°♊16'28	
morning max el	-9711 Aug 30 j 10:52	7°♊41'44	21°48'19
	-9711 Sep 16 j 10:02	0°♋	
desc. node	-9711 Sep 30 j 09:20	21°♋17'30	
morning set	-9711 Oct 01 j 04:13	22°♋32'18	
	-9711 Oct 05 j 19:27	0°♌	
max. Earth dist.	-9711 Oct 08 j 03:10	3°♌49'04	1.41818 AU
superior conj	-9711 Oct 15 j 13:09	16°♌24'51	-1°23'06
minimum elong	-9711 Oct 15 j 08:50	16°♌06'05	1°22'18
	-9711 Oct 23 j 03:54	0°♍	
evening rise	-9711 Oct 26 j 07:45	5°♍46'49	
	-9711 Nov 10 j 00:34	0°♎	
asc. node	-9711 Nov 10 j 23:20	1°♎04'38	
evening max el	-9711 Nov 11 j 16:44	1°♎49'45	18°09'56
retrograde	-9711 Nov 18 j 15:41	5°♎23'18	
evening set	-9711 Nov 21 j 05:02	4°♎55'01	
inferior conj	-9711 Nov 28 j 04:17	29°♍58'24	4°03'03
minimum elong	-9711 Nov 28 j 01:38	0°♎04'29	4°02'48
	-9711 Nov 28 j 03:35	30°℞♍	
min. Earth dist.	-9711 Dec 01 j 05:20	27°♍11'47	0.60962 AU
morning rise	-9711 Dec 04 j 21:00	24°♍22'02	
direct	-9711 Dec 11 j 19:51	22°♍05'33	
morning max el	-9711 Dec 25 j 19:17	29°♍34'21	27°20'51
	-9711 Dec 26 j 05:48	0°♎	

desc. node	-9711 Dec 27 j 10:32	1°♎12'52	
	-9710 Jan 16 j 16:40	0°♏	
morning set	-9710 Jan 26 j 14:03	18°♏56'36	
	-9710 Jan 31 j 19:12	0°♐	
max. Earth dist.	-9710 Feb 01 j 22:39	2°♐29'03	1.32823 AU
superior conj	-9710 Feb 02 j 17:42	4°♐12'49	-0°39'46
minimum elong	-9710 Feb 02 j 19:16	4°♐21'24	0°39'58
asc. node	-9710 Feb 06 j 21:16	13°♐14'16	
evening rise	-9710 Feb 09 j 18:15	19°♐21'33	
	-9710 Feb 15 j 01:00	0°♑	
	-9710 Mar 07 j 00:53	0°♒	
evening max el	-9710 Mar 08 j 18:03	1°♒42'50	25°21'05
retrograde	-9710 Mar 22 j 19:10	8°♒52'06	
desc. node	-9710 Mar 25 j 10:43	8°♒35'25	
evening set	-9710 Mar 27 j 23:25	7°♒49'12	
min. Earth dist.	-9710 Apr 02 j 07:02	4°♒53'03	0.57742 AU
inferior conj	-9710 Apr 05 j 08:54	2°♒44'50	-2°33'41
minimum elong	-9710 Apr 05 j 04:44	2°♒52'06	2°33'15
	-9710 Apr 09 j 15:50	30°℞♑	
morning rise	-9710 Apr 13 j 13:16	28°♑26'34	
direct	-9710 Apr 15 j 21:01	28°♑09'56	
	-9710 Apr 21 j 15:37	0°♒	
morning max el	-9710 Apr 24 j 10:31	2°♒12'38	18°57'00
asc. node	-9710 May 05 j 20:52	18°♒46'58	
morning set	-9710 May 11 j 00:48	28°♒38'10	
	-9710 May 11 j 17:30	0°♓	
superior conj	-9710 May 19 j 17:23	15°♓34'46	1°40'45
minimum elong	-9710 May 19 j 14:51	15°♓22'40	1°40'22
max. Earth dist.	-9710 May 26 j 08:34	27°♓52'52	1.38643 AU
	-9710 May 27 j 13:01	0°♈	
evening rise	-9710 May 30 j 09:19	4°♈59'25	
	-9710 Jun 14 j 23:08	0°♉	
desc. node	-9710 Jun 21 j 08:14	9°♉10'27	
evening max el	-9710 Jul 04 j 23:59	25°♉54'52	24°24'39
	-9710 Jul 09 j 17:17	0°♊	
retrograde	-9710 Jul 16 j 04:48	2°♊31'24	
evening set	-9710 Jul 21 j 17:29	0°♊07'42	
	-9710 Jul 21 j 20:56	30°℞♉	
inferior conj	-9710 Jul 26 j 23:51	23°♉51'46	-1°48'43
minimum elong	-9710 Jul 27 j 01:59	23°♉44'36	1°47'34
min. Earth dist.	-9710 Jul 26 j 09:07	24°♉41'35	0.67078 AU
morning rise	-9710 Aug 01 j 10:26	17°♉44'04	
asc. node	-9710 Aug 01 j 21:32	17°♉24'56	
direct	-9710 Aug 05 j 06:01	16°♉20'28	
morning max el	-9710 Aug 13 j 07:17	21°♉05'30	20°33'21
	-9710 Aug 20 j 13:19	0°♊	
	-9710 Sep 09 j 16:21	0°♋	
morning set	-9710 Sep 10 j 07:59	1°♋00'40	
desc. node	-9710 Sep 17 j 06:17	11°♋54'04	
max. Earth dist.	-9710 Sep 20 j 12:16	17°♋06'09	1.43363 AU
superior conj	-9710 Sep 26 j 08:52	26°♋40'13	-0°53'42
minimum elong	-9710 Sep 26 j 04:07	26°♋20'32	0°52'36
	-9710 Sep 28 j 08:53	0°♌	
evening rise	-9710 Oct 08 j 22:14	18°♌05'55	
	-9710 Oct 15 j 18:51	0°♍	
evening max el	-9710 Oct 26 j 05:14	15°♍04'28	18°09'38
asc. node	-9710 Oct 28 j 20:36	17°♍17'16	
retrograde	-9710 Nov 01 j 20:38	18°♍36'55	
evening set	-9710 Nov 04 j 12:29	18°♍01'48	
inferior conj	-9710 Nov 11 j 00:42	12°♍44'58	3°32'00
minimum elong	-9710 Nov 10 j 21:05	12°♍54'23	3°31'27
min. Earth dist.	-9710 Nov 13 j 14:23	10°♍05'34	0.62727 AU
morning rise	-9710 Nov 17 j 04:47	6°♍53'27	
direct	-9710 Nov 24 j 06:36	4°♍14'54	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9710 Dec 08 j 00:58	11°♍49'00	27°36'26
desc. node	-9710 Dec 14 j 07:14	18°♍43'31	
	-9710 Dec 22 j 14:32	0°♎	
	-9709 Jan 08 j 23:02	0°♏	
morning set	-9709 Jan 10 j 16:47	3°♏28'17	
max. Earth dist.	-9709 Jan 16 j 07:54	15°♏12'05	1.33200 AU
superior conj	-9709 Jan 18 j 03:46	19°♏07'42	-1°00'31
minimum elong	-9709 Jan 18 j 05:55	19°♏19'17	1°00'34
	-9709 Jan 23 j 04:37	0°♐	
asc. node	-9709 Jan 24 j 18:27	3°♐21'14	
evening rise	-9709 Jan 25 j 05:32	4°♐19'35	
	-9709 Feb 08 j 05:48	0°♑	
evening max el	-9709 Feb 18 j 11:10	12°♑36'26	23°52'04
retrograde	-9709 Mar 04 j 02:21	19°♑21'00	
evening set	-9709 Mar 08 j 02:49	18°♑45'13	
desc. node	-9709 Mar 12 j 07:49	16°♑59'57	
min. Earth dist.	-9709 Mar 14 j 23:49	15°♑28'50	0.56240 AU
inferior conj	-9709 Mar 17 j 02:39	14°♑10'56	-1°13'18
minimum elong	-9709 Mar 16 j 23:46	14°♑15'22	1°13'00
morning rise	-9709 Mar 25 j 23:34	10°♑06'38	
direct	-9709 Mar 28 j 05:10	9°♑53'41	
morning max el	-9709 Apr 07 j 07:20	14°♑38'06	19°53'58
	-9709 Apr 18 j 07:56	0°♒	
asc. node	-9709 Apr 22 j 17:44	8°♒17'39	
morning set	-9709 Apr 25 j 02:26	12°♒59'47	
superior conj	-9709 May 03 j 02:48	29°♒11'11	1°25'28
minimum elong	-9709 May 02 j 23:50	28°♒56'23	1°24'46
	-9709 May 03 j 12:38	0°♓	
max. Earth dist.	-9709 May 08 j 11:16	9°♓35'38	1.36863 AU
evening rise	-9709 May 12 j 12:36	17°♓06'50	
	-9709 May 19 j 22:20	0°♈	
desc. node	-9709 Jun 08 j 05:37	28°♈42'17	
	-9709 Jun 09 j 05:57	0°♉	
evening max el	-9709 Jun 17 j 09:42	9°♉18'26	25°39'52
retrograde	-9709 Jun 29 j 14:43	16°♉24'53	
evening set	-9709 Jul 05 j 17:45	13°♉45'16	
min. Earth dist.	-9709 Jul 10 j 00:17	8°♉57'32	0.66561 AU
inferior conj	-9709 Jul 11 j 03:09	7°♉30'32	-2°29'45
minimum elong	-9709 Jul 11 j 05:45	7°♉22'07	2°28'43
morning rise	-9709 Jul 16 j 17:49	1°♉33'11	
asc. node	-9709 Jul 19 j 18:24	0°♉26'07	
direct	-9709 Jul 20 j 03:56	0°♉25'13	
morning max el	-9709 Jul 27 j 10:21	4°♉36'33	19°30'47
	-9709 Aug 14 j 09:37	0°♊	
morning set	-9709 Aug 20 j 13:05	9°♊36'00	
	-9709 Sep 02 j 12:17	0°♋	
max. Earth dist.	-9709 Sep 03 j 02:21	0°♋55'46	1.44337 AU
desc. node	-9709 Sep 04 j 03:18	2°♋34'51	
superior conj	-9709 Sep 06 j 01:26	5°♋38'36	-0°11'41
minimum elong	-9709 Sep 06 j 00:06	5°♋33'17	0°10'56
behind sun begin	-9709 Sep 05 j 15:45	4°♋59'57	
behind sun end	-9709 Sep 06 j 08:27	6°♋06'39	
evening rise	-9709 Sep 20 j 15:51	29°♋26'39	
	-9709 Sep 20 j 23:53	0°♌	
evening max el	-9709 Oct 09 j 18:30	28°♌28'35	18°27'49
	-9709 Oct 11 j 10:02	0°♍	
asc. node	-9709 Oct 15 j 17:49	2°♍06'21	
retrograde	-9709 Oct 16 j 09:57	2°♍08'48	
evening set	-9709 Oct 19 j 06:25	1°♍24'25	
	-9709 Oct 21 j 08:12	30°℞♌	
inferior conj	-9709 Oct 25 j 09:11	25°♌50'15	2°49'40
minimum elong	-9709 Oct 25 j 05:42	26°♌00'14	2°49'00
min. Earth dist.	-9709 Oct 27 j 09:36	23°♌31'36	0.64242 AU
morning rise	-9709 Oct 31 j 04:22	19°♌46'45	
direct	-9709 Nov 07 j 00:39	17°♌00'09	
morning max el	-9709 Nov 20 j 10:05	24°♌34'34	27°17'43
	-9709 Nov 25 j 10:14	0°♍	
desc. node	-9709 Dec 01 j 03:55	7°♍15'50	
	-9709 Dec 15 j 22:43	0°♎	
morning set	-9709 Dec 25 j 11:17	17°♎30'58	
max. Earth dist.	-9709 Dec 30 j 09:17	27°♎25'42	1.33978 AU
	-9709 Dec 31 j 14:57	0°♏	
superior conj	-9708 Jan 02 j 10:22	3°♏48'19	-1°18'33
minimum elong	-9708 Jan 02 j 12:42	4°♏00'40	1°18'30
evening rise	-9708 Jan 09 j 16:21	19°♏11'29	
asc. node	-9708 Jan 11 j 15:42	23°♏15'48	
	-9708 Jan 15 j 01:31	0°♐	
evening max el	-9708 Jan 31 j 05:58	23°♐29'20	22°18'27
retrograde	-9708 Feb 12 j 21:44	29°♐33'21	
evening set	-9708 Feb 16 j 00:11	29°♐12'11	
min. Earth dist.	-9708 Feb 24 j 15:03	25°♐22'56	0.55451 AU
inferior conj	-9708 Feb 25 j 04:34	25°♐03'38	0°31'42
minimum elong	-9708 Feb 25 j 05:56	25°♐01'40	0°30'41
desc. node	-9708 Feb 27 j 04:49	23°♐55'36	
morning rise	-9708 Mar 05 j 12:38	21°♐00'39	
direct	-9708 Mar 07 j 23:01	20°♐47'01	
morning max el	-9708 Mar 19 j 17:21	26°♐23'21	21°09'52
	-9708 Mar 23 j 02:13	0°♑	
morning set	-9708 Apr 08 j 09:46	27°♑42'33	
asc. node	-9708 Apr 08 j 14:39	28°♑07'34	
	-9708 Apr 09 j 12:26	0°♒	
superior conj	-9708 Apr 15 j 22:42	13°♒22'01	1°05'48
minimum elong	-9708 Apr 15 j 20:05	13°♒08'30	1°04'56
max. Earth dist.	-9708 Apr 19 j 22:00	21°♒25'16	1.35360 AU
evening rise	-9708 Apr 24 j 10:53	0°♓14'12	
	-9708 Apr 24 j 07:53	0°♓	
	-9708 May 12 j 00:30	0°♈	
desc. node	-9708 May 25 j 03:01	17°♈36'15	
evening max el	-9708 May 29 j 20:16	22°♈40'57	26°40'10
	-9708 Jun 10 j 14:44	0°♉	
retrograde	-9708 Jun 11 j 19:47	0°♉05'01	
	-9708 Jun 13 j 00:11	30°℞♈	
evening set	-9708 Jun 18 j 10:57	27°♈17'29	
min. Earth dist.	-9708 Jun 22 j 09:43	23°♈08'39	0.65669 AU
inferior conj	-9708 Jun 24 j 02:02	21°♈06'23	-3°03'55
minimum elong	-9708 Jun 24 j 04:39	20°♈58'28	3°03'13
morning rise	-9708 Jun 29 j 22:33	15°♈22'18	
direct	-9708 Jul 03 j 01:17	14°♈27'31	
asc. node	-9708 Jul 05 j 15:16	15°♈03'44	
morning max el	-9708 Jul 09 j 19:05	18°♈13'08	18°43'31
	-9708 Jul 18 j 14:34	0°♉	
morning set	-9708 Jul 30 j 13:30	19°♉06'42	
	-9708 Aug 06 j 08:03	0°♊	
superior conj	-9708 Aug 15 j 01:48	13°♊53'16	0°35'24
minimum elong	-9708 Aug 15 j 06:07	14°♊10'21	0°35'24
max. Earth dist.	-9708 Aug 15 j 18:59	15°♊01'12	1.44627 AU
desc. node	-9708 Aug 21 j 00:26	23°♊16'46	
	-9708 Aug 25 j 06:23	0°♋	
evening rise	-9708 Aug 31 j 07:40	9°♋36'58	
	-9708 Sep 13 j 06:04	0°♌	
evening max el	-9708 Sep 22 j 05:49	11°♌57'21	19°03'21
retrograde	-9708 Sep 29 j 04:14	15°♌53'46	
asc. node	-9708 Oct 01 j 15:00	15°♌19'18	
evening set	-9708 Oct 02 j 07:39	14°♌57'04	
inferior conj	-9708 Oct 08 j 02:36	9°♌08'36	2°01'00
minimum elong	-9708 Oct 07 j 23:55	9°♌16'56	2°00'32
min. Earth dist.	-9708 Oct 09 j 14:02	7°♌18'42	0.65447 AU
morning rise	-9708 Oct 13 j 15:47	2°♌56'27	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9708 Oct 20 j 01:02	0°♌14'11	
morning max el	-9708 Nov 01 j 20:03	7°♌39'16	26°30'01
desc. node	-9708 Nov 17 j 00:38	26°♌32'03	
	-9708 Nov 19 j 09:26	0°♍	
	-9708 Dec 07 j 06:33	0°♎	
morning set	-9708 Dec 07 j 17:57	0°♎53'35	
max. Earth dist.	-9708 Dec 12 j 00:07	9°♎06'43	1.35195 AU
superior conj	-9708 Dec 16 j 11:18	18°♎07'45	-1°32'38
minimum elong	-9708 Dec 16 j 13:18	18°♎18'01	1°32'35
	-9708 Dec 22 j 04:18	0°♏	
evening rise	-9708 Dec 24 j 01:04	3°♏52'01	
asc. node	-9708 Dec 28 j 12:58	12°♏52'23	
	-9707 Jan 08 j 01:14	0°♐	
evening max el	-9707 Jan 12 j 07:42	4°♐43'46	20°52'12
retrograde	-9707 Jan 23 j 11:34	9°♐58'44	
evening set	-9707 Jan 26 j 03:23	9°♐42'03	
inferior conj	-9707 Feb 04 j 01:30	5°♐43'48	2°16'30
minimum elong	-9707 Feb 04 j 06:43	5°♐36'14	2°14'30
min. Earth dist.	-9707 Feb 05 j 05:11	5°♐03'45	0.55550 AU
morning rise	-9707 Feb 13 j 08:50	1°♐26'43	
desc. node	-9707 Feb 13 j 01:45	1°♐30'58	
direct	-9707 Feb 16 j 13:45	1°♐04'08	
morning max el	-9707 Mar 01 j 16:25	7°♐28'54	22°40'53
	-9707 Mar 17 j 11:24	0°♑	
morning set	-9707 Mar 23 j 20:36	12°♑39'22	
asc. node	-9707 Mar 26 j 11:38	18°♑11'07	
superior conj	-9707 Mar 31 j 01:53	27°♑57'23	0°43'33
minimum elong	-9707 Mar 31 j 00:03	27°♑47'41	0°42'41
	-9707 Apr 01 j 01:08	0°♒	
max. Earth dist.	-9707 Apr 02 j 19:12	3°♒39'58	1.34203 AU
evening rise	-9707 Apr 07 j 22:57	14°♒05'29	
	-9707 Apr 16 j 13:12	0°♓	
	-9707 May 06 j 20:58	0°♈	
desc. node	-9707 May 12 j 00:22	5°♈36'33	
evening max el	-9707 May 12 j 07:18	5°♈53'33	27°17'29
retrograde	-9707 May 25 j 19:22	13°♈24'21	
evening set	-9707 Jun 01 j 18:15	10°♈40'02	
min. Earth dist.	-9707 Jun 05 j 11:19	7°♈07'21	0.64387 AU
inferior conj	-9707 Jun 07 j 18:07	4°♈35'17	-3°28'50
minimum elong	-9707 Jun 07 j 20:06	4°♈29'44	3°28'36
	-9707 Jun 12 j 12:04	30°℞♓	
morning rise	-9707 Jun 13 j 22:30	29°♓07'18	
direct	-9707 Jun 16 j 19:40	28°♓23'27	
	-9707 Jun 21 j 03:45	0°♈	
asc. node	-9707 Jun 22 j 12:07	1°♈05'44	
morning max el	-9707 Jun 23 j 07:40	1°♈52'21	18°13'15
morning set	-9707 Jul 11 j 15:38	29°♈49'28	
	-9707 Jul 11 j 18:08	0°♉	
superior conj	-9707 Jul 25 j 07:48	22°♉26'00	1°15'25
minimum elong	-9707 Jul 25 j 14:21	22°♉52'23	1°15'13
max. Earth dist.	-9707 Jul 29 j 11:27	29°♉05'24	1.44210 AU
	-9707 Jul 30 j 01:10	0°♊	
desc. node	-9707 Aug 07 j 21:38	13°♊56'12	
evening rise	-9707 Aug 10 j 21:47	18°♊37'09	
	-9707 Aug 18 j 06:33	0°♋	
greatest brilliancy	-9707 Aug 23 j 12:16	7°♋57'42	-0.7m
evening max el	-9707 Sep 05 j 12:38	25°♋25'30	19°54'49
retrograde	-9707 Sep 13 j 00:44	29°♋46'49	
evening set	-9707 Sep 16 j 13:25	28°♋34'32	
asc. node	-9707 Sep 18 j 12:09	26°♋54'34	
inferior conj	-9707 Sep 22 j 02:17	22°♋34'45	1°09'16
minimum elong	-9707 Sep 22 j 00:42	22°♋39'57	1°09'13
min. Earth dist.	-9707 Sep 23 j 01:46	21°♋17'29	0.66336 AU
morning rise	-9707 Sep 27 j 11:44	16°♋17'17	
direct	-9707 Oct 03 j 06:59	13°♋48'04	
morning max el	-9707 Oct 15 j 05:36	20°♋51'49	25°21'06
	-9707 Oct 23 j 04:20	0°♌	
desc. node	-9707 Nov 03 j 21:23	16°♌18'30	
	-9707 Nov 12 j 13:57	0°♍	
morning set	-9707 Nov 20 j 07:58	13°♍21'19	
max. Earth dist.	-9707 Nov 24 j 04:32	20°♍25'59	1.36829 AU
	-9707 Nov 29 j 04:05	0°♎	
superior conj	-9707 Nov 30 j 03:37	1°♎56'06	-1°41'18
minimum elong	-9707 Nov 30 j 04:36	2°♎00'56	1°41'14
evening rise	-9707 Dec 08 j 05:42	18°♎14'29	
	-9707 Dec 14 j 06:53	0°♏	
asc. node	-9707 Dec 15 j 10:16	2°♏03'30	
evening max el	-9707 Dec 25 j 19:11	16°♏30'22	19°41'25
retrograde	-9706 Jan 04 j 08:44	21°♏01'02	
evening set	-9706 Jan 06 j 21:25	20°♏43'35	
inferior conj	-9706 Jan 15 j 06:54	16°♏38'11	3°33'10
minimum elong	-9706 Jan 15 j 11:57	16°♏30'07	3°31'52
min. Earth dist.	-9706 Jan 17 j 18:39	15°♏03'15	0.56484 AU
morning rise	-9706 Jan 24 j 00:23	11°♏56'52	
direct	-9706 Jan 28 j 11:29	11°♏12'13	
desc. node	-9706 Jan 30 j 22:39	11°♏26'11	
morning max el	-9706 Feb 11 j 08:18	18°♏10'17	24°18'22
	-9706 Feb 21 j 01:18	0°♐	
morning set	-9706 Mar 08 j 09:00	27°♐43'31	
	-9706 Mar 09 j 10:53	0°♑	
asc. node	-9706 Mar 13 j 08:41	8°♑23'25	
superior conj	-9706 Mar 15 j 09:52	12°♑49'10	0°20'03
minimum elong	-9706 Mar 15 j 09:02	12°♑44'37	0°19'18
max. Earth dist.	-9706 Mar 17 j 01:18	16°♑20'59	1.33389 AU
evening rise	-9706 Mar 22 j 20:42	28°♑27'38	
	-9706 Mar 23 j 15:06	0°♒	
	-9706 Apr 09 j 18:24	0°♓	
evening max el	-9706 Apr 24 j 16:40	18°♓43'34	27°25'33
desc. node	-9706 Apr 28 j 21:41	22°♓20'59	
retrograde	-9706 May 08 j 12:45	26°♓14'43	
evening set	-9706 May 15 j 12:20	23°♓46'44	
min. Earth dist.	-9706 May 19 j 03:43	20°♓42'20	0.62730 AU
inferior conj	-9706 May 22 j 00:32	17°♓51'31	-3°41'03
minimum elong	-9706 May 22 j 01:08	17°♓50'00	3°41'12
morning rise	-9706 May 28 j 15:06	12°♓42'10	
direct	-9706 May 31 j 07:58	12°♓07'38	
morning max el	-9706 Jun 06 j 21:46	15°♓29'53	18°01'02
asc. node	-9706 Jun 09 j 08:58	18°♓16'26	
	-9706 Jun 17 j 01:29	0°♈	
morning set	-9706 Jun 23 j 17:27	11°♈39'51	
	-9706 Jul 04 j 06:42	0°♉	
superior conj	-9706 Jul 05 j 13:11	2°♉08'35	1°40'21
minimum elong	-9706 Jul 05 j 17:22	2°♉26'09	1°40'21
max. Earth dist.	-9706 Jul 12 j 00:34	12°♉50'12	1.43141 AU
evening rise	-9706 Jul 20 j 22:48	27°♉01'51	
	-9706 Jul 22 j 20:40	0°♊	
desc. node	-9706 Jul 25 j 18:54	4°♊30'16	
	-9706 Aug 12 j 05:31	0°♋	
evening max el	-9706 Aug 19 j 13:05	8°♋50'52	21°00'12
retrograde	-9706 Aug 27 j 21:23	13°♋45'45	
evening set	-9706 Aug 31 j 21:28	12°♋14'56	
asc. node	-9706 Sep 05 j 09:16	7°♋17'15	
inferior conj	-9706 Sep 06 j 06:02	6°♋06'51	0°16'55
minimum elong	-9706 Sep 06 j 05:38	6°♋08'12	0°17'21
min. Earth dist.	-9706 Sep 06 j 18:38	5°♋23'52	0.66923 AU
	-9706 Sep 11 j 07:58	30°℞♊	
morning rise	-9706 Sep 11 j 13:39	29°♊47'29	
direct	-9706 Sep 16 j 18:07	27°♊35'59	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9706 Sep 22 j 22:12	0°♋	
morning max el	-9706 Sep 27 j 15:19	4°♋06'58	23°59'51
	-9706 Oct 17 j 12:08	0°♌	
desc. node	-9706 Oct 21 j 18:11	6°♌26'27	
morning set	-9706 Nov 01 j 23:49	24°♌40'10	
	-9706 Nov 05 j 01:43	0°♍	
max. Earth dist.	-9706 Nov 06 j 03:00	1°♍51'32	1.38756 AU
superior conj	-9706 Nov 13 j 07:32	15°♍02'44	-1°42'31
minimum elong	-9706 Nov 13 j 06:44	14°♍58'54	1°42'17
	-9706 Nov 21 j 00:50	0°♎	
evening rise	-9706 Nov 22 j 03:59	2°♎12'57	
asc. node	-9706 Dec 02 j 07:35	20°♎40'46	
evening max el	-9706 Dec 08 j 16:34	28°♎50'25	18°49'58
	-9706 Dec 09 j 23:58	0°♏	
retrograde	-9706 Dec 16 j 22:20	2°♏48'45	
evening set	-9706 Dec 19 j 10:19	2°♏28'16	
	-9706 Dec 24 j 12:47	30°℞♎	
inferior conj	-9706 Dec 27 j 05:50	28°♎05'31	4°10'19
minimum elong	-9706 Dec 27 j 07:40	28°♎02'08	4°10'00
min. Earth dist.	-9706 Dec 30 j 09:46	25°♎47'03	0.58028 AU
morning rise	-9705 Jan 04 j 02:57	22°♎59'13	
direct	-9705 Jan 09 j 20:57	21°♎39'23	
desc. node	-9705 Jan 17 j 19:30	24°♎05'50	
morning max el	-9705 Jan 23 j 23:40	28°♎55'51	25°48'16
	-9705 Jan 25 j 01:39	0°♏	
	-9705 Feb 14 j 11:20	0°♐	
morning set	-9705 Feb 20 j 21:10	12°♐48'07	
superior conj	-9705 Feb 27 j 20:38	27°♐50'16	-0°03'45
minimum elong	-9705 Feb 27 j 20:49	27°♐51'17	0°04'18
behind sun begin	-9705 Feb 27 j 15:58	27°♐24'51	
behind sun end	-9705 Feb 28 j 01:40	28°♐17'43	
asc. node	-9705 Feb 28 j 05:45	28°♐39'53	
max. Earth dist.	-9705 Feb 28 j 12:55	29°♐18'54	1.32909 AU
	-9705 Feb 28 j 20:28	0°♑	
evening rise	-9705 Mar 07 j 01:01	13°♑10'04	
	-9705 Mar 15 j 18:34	0°♒	
	-9705 Apr 05 j 21:48	0°♓	
evening max el	-9705 Apr 06 j 21:49	0°♓59'15	27°00'58
desc. node	-9705 Apr 15 j 19:00	7°♓18'53	
retrograde	-9705 Apr 20 j 23:06	8°♓26'57	
evening set	-9705 Apr 27 j 13:37	6°♓27'57	
min. Earth dist.	-9705 May 01 j 10:55	3°♓38'31	0.60798 AU
inferior conj	-9705 May 04 j 17:48	0°♓46'40	-3°35'23
minimum elong	-9705 May 04 j 16:20	0°♓49'53	3°35'37
	-9705 May 05 j 15:17	30°℞♒	
morning rise	-9705 May 11 j 21:08	25°♒57'35	
direct	-9705 May 14 j 10:18	25°♒31'07	
morning max el	-9705 May 21 j 10:43	28°♒58'26	18°07'30
	-9705 May 22 j 10:48	0°♓	
asc. node	-9705 May 27 j 05:48	6°♓20'16	
morning set	-9705 Jun 06 j 14:04	24°♓25'32	
	-9705 Jun 09 j 14:31	0°♈	
superior conj	-9705 Jun 16 j 21:46	13°♈12'15	1°49'40
minimum elong	-9705 Jun 16 j 22:27	13°♈15'16	1°49'43
max. Earth dist.	-9705 Jun 24 j 07:33	25°♈56'57	1.41570 AU
	-9705 Jun 26 j 18:06	0°♉	
evening rise	-9705 Jun 30 j 08:41	5°♉51'59	
desc. node	-9705 Jul 12 j 16:13	24°♉54'34	
	-9705 Jul 16 j 03:18	0°♊	
evening max el	-9705 Aug 02 j 06:41	22°♊12'39	22°16'20
retrograde	-9705 Aug 11 j 16:27	27°♊47'30	
evening set	-9705 Aug 16 j 05:48	25°♊56'10	
inferior conj	-9705 Aug 21 j 11:55	19°♊42'51	-0°34'14
minimum elong	-9705 Aug 21 j 12:39	19°♊40'20	0°33'24
min. Earth dist.	-9705 Aug 21 j 14:11	19°♊35'01	0.67216 AU
asc. node	-9705 Aug 23 j 06:17	17°♊18'48	
morning rise	-9705 Aug 26 j 19:25	13°♊25'05	
direct	-9705 Aug 31 j 09:47	11°♊32'45	
morning max el	-9705 Sep 10 j 03:10	17°♊23'12	22°35'16
	-9705 Sep 20 j 10:40	0°♋	
desc. node	-9705 Oct 08 j 15:01	26°♋49'24	
	-9705 Oct 10 j 15:14	0°♌	
morning set	-9705 Oct 13 j 13:03	4°♌40'41	
max. Earth dist.	-9705 Oct 19 j 02:06	13°♌52'08	1.40745 AU
superior conj	-9705 Oct 26 j 18:07	27°♌14'30	-1°33'44
minimum elong	-9705 Oct 26 j 15:00	27°♌00'30	1°33'11
	-9705 Oct 28 j 06:45	0°♍	
evening rise	-9705 Nov 05 j 17:03	15°♍40'17	
	-9705 Nov 13 j 13:31	0°♎	
asc. node	-9705 Nov 19 j 04:52	8°♎33'22	
evening max el	-9705 Nov 21 j 22:05	11°♎38'30	18°18'50
retrograde	-9705 Nov 29 j 05:34	15°♎17'37	
evening set	-9705 Dec 01 j 18:02	14°♎52'41	
inferior conj	-9705 Dec 09 j 00:21	10°♎08'52	4°13'03
minimum elong	-9705 Dec 08 j 22:56	10°♎11'51	4°12'57
min. Earth dist.	-9705 Dec 12 j 05:38	7°♎25'59	0.59875 AU
morning rise	-9705 Dec 16 j 02:14	4°♎42'11	
direct	-9705 Dec 22 j 18:07	2°♎43'58	
desc. node	-9704 Jan 04 j 16:17	9°♎05'54	
morning max el	-9704 Jan 05 j 19:47	10°♎10'08	26°55'59
	-9704 Jan 21 j 04:49	0°♏	
morning set	-9704 Feb 05 j 07:19	27°♏46'37	
	-9704 Feb 06 j 08:49	0°♐	
superior conj	-9704 Feb 12 j 08:29	12°♐54'39	-0°26'58
minimum elong	-9704 Feb 12 j 09:36	13°♐00'45	0°27'16
max. Earth dist.	-9704 Feb 12 j 02:30	12°♐21'57	1.32755 AU
asc. node	-9704 Feb 15 j 02:52	18°♐56'35	
evening rise	-9704 Feb 19 j 09:35	28°♐04'51	
	-9704 Feb 20 j 07:47	0°♑	
	-9704 Mar 08 j 09:33	0°♒	
evening max el	-9704 Mar 18 j 21:30	12°♒37'08	26°05'02
desc. node	-9704 Apr 01 j 16:11	19°♒55'34	
retrograde	-9704 Apr 02 j 00:40	19°♒55'52	
evening set	-9704 Apr 07 j 19:33	18°♒33'08	
min. Earth dist.	-9704 Apr 12 j 10:44	15°♒43'04	0.58803 AU
inferior conj	-9704 Apr 15 j 18:20	13°♒12'40	-3°05'05
minimum elong	-9704 Apr 15 j 14:47	13°♒19'26	3°04'56
morning rise	-9704 Apr 23 j 13:00	8°♒43'39	
direct	-9704 Apr 25 j 22:31	8°♒24'00	
morning max el	-9704 May 03 j 19:39	12°♒09'53	18°33'13
asc. node	-9704 May 13 j 02:38	25°♒05'19	
	-9704 May 15 j 20:16	0°♓	
morning set	-9704 May 20 j 00:54	7°♓55'54	
superior conj	-9704 May 29 j 05:35	25°♓26'42	1°46'38
minimum elong	-9704 May 29 j 03:49	25°♓18'29	1°46'28
	-9704 May 31 j 17:00	0°♈	
max. Earth dist.	-9704 Jun 05 j 09:04	8°♈19'57	1.39728 AU
evening rise	-9704 Jun 09 j 19:20	15°♈55'15	
	-9704 Jun 18 j 11:57	0°♉	
desc. node	-9704 Jun 28 j 13:35	15°♉04'01	
	-9704 Jul 09 j 19:01	0°♊	
evening max el	-9704 Jul 14 j 19:04	5°♊33'37	23°38'03
retrograde	-9704 Jul 25 j 08:37	11°♊49'07	
evening set	-9704 Jul 30 j 12:31	9°♊36'58	
inferior conj	-9704 Aug 04 j 18:12	3°♊21'14	-1°22'39
minimum elong	-9704 Aug 04 j 19:53	3°♊15'28	1°21'33
min. Earth dist.	-9704 Aug 04 j 09:57	3°♊49'33	0.67216 AU
	-9704 Aug 07 j 07:19	30°℞♉	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9704 Aug 09 j 03:15	28°♉00'16	
morning rise	-9704 Aug 10 j 03:09	27°♉08'42	
direct	-9704 Aug 14 j 05:05	25°♉34'57	
	-9704 Aug 22 j 02:40	0°♊	
morning max el	-9704 Aug 22 j 19:48	0°♊42'59	21°15'04
	-9704 Sep 13 j 06:39	0°♋	
morning set	-9704 Sep 22 j 01:25	13°♋31'30	
desc. node	-9704 Sep 24 j 11:54	17°♋22'13	
max. Earth dist.	-9704 Sep 30 j 06:52	26°♋41'27	1.42531 AU
	-9704 Oct 02 j 07:11	0°♌	
superior conj	-9704 Oct 07 j 05:32	8°♌16'23	-1°12'22
minimum elong	-9704 Oct 07 j 00:41	7°♌55'43	1°11'23
evening rise	-9704 Oct 18 j 17:06	28°♌27'22	
	-9704 Oct 19 j 13:43	0°♍	
evening max el	-9704 Nov 04 j 08:58	24°♍46'12	18°07'32
asc. node	-9704 Nov 05 j 02:09	25°♍27'18	
retrograde	-9704 Nov 11 j 03:38	28°♍17'47	
evening set	-9704 Nov 13 j 17:50	27°♍46'52	
inferior conj	-9704 Nov 20 j 12:15	22°♍41'43	3°51'39
minimum elong	-9704 Nov 20 j 09:01	22°♍49'33	3°51'16
min. Earth dist.	-9704 Nov 23 j 09:05	19°♍55'53	0.61740 AU
morning rise	-9704 Nov 26 j 23:06	16°♍58'41	
direct	-9704 Dec 04 j 00:41	14°♍30'43	
morning max el	-9704 Dec 17 j 22:05	22°♍02'22	27°31'43
desc. node	-9704 Dec 21 j 13:00	25°♍50'29	
	-9704 Dec 25 j 00:33	0°♎	
	-9703 Jan 13 j 03:59	0°♏	
morning set	-9703 Jan 19 j 13:24	12°♏30'15	
max. Earth dist.	-9703 Jan 25 j 14:18	25°♏15'33	1.32938 AU
superior conj	-9703 Jan 26 j 19:41	27°♏54'51	-0°48'51
minimum elong	-9703 Jan 26 j 21:32	28°♏04'55	0°48'58
	-9703 Jan 27 j 18:42	0°♐	
asc. node	-9703 Feb 01 j 00:02	9°♐08'28	
evening rise	-9703 Feb 02 j 20:22	13°♐03'37	
	-9703 Feb 11 j 12:30	0°♑	
evening max el	-9703 Feb 28 j 16:15	23°♑42'29	24°44'42
	-9703 Mar 10 j 07:26	0°♒	
retrograde	-9703 Mar 14 j 14:46	0°♒42'39	
	-9703 Mar 18 j 22:32	30°♑℞	
evening set	-9703 Mar 19 j 06:50	29°♑53'02	
desc. node	-9703 Mar 19 j 13:19	29°♑47'16	
min. Earth dist.	-9703 Mar 25 j 05:28	26°♑49'26	0.57034 AU
inferior conj	-9703 Mar 27 j 23:21	25°♑01'22	-2°03'32
minimum elong	-9703 Mar 27 j 19:18	25°♑08'02	2°03'00
morning rise	-9703 Apr 05 j 10:56	20°♑49'38	
direct	-9703 Apr 07 j 17:19	20°♑34'56	
morning max el	-9703 Apr 16 j 21:34	24°♑54'08	19°18'46
	-9703 Apr 21 j 07:45	0°♒	
asc. node	-9703 Apr 29 j 23:29	14°♒21'34	
morning set	-9703 May 03 j 22:02	22°♒01'10	
	-9703 May 07 j 22:11	0°♓	
superior conj	-9703 May 12 j 07:02	8°♓36'44	1°34'56
minimum elong	-9703 May 12 j 04:12	8°♓22'54	1°34'25
max. Earth dist.	-9703 May 18 j 09:45	20°♓11'19	1.37863 AU
evening rise	-9703 May 22 j 09:00	27°♓20'26	
	-9703 May 23 j 21:27	0°♈	
	-9703 Jun 11 j 22:32	0°♉	
desc. node	-9703 Jun 15 j 10:57	4°♉52'01	
evening max el	-9703 Jun 27 j 05:08	18°♉56'47	24°58'04
retrograde	-9703 Jul 08 j 20:50	25°♉47'00	
evening set	-9703 Jul 14 j 15:44	23°♉16'07	
min. Earth dist.	-9703 Jul 19 j 03:28	18°♉05'55	0.66898 AU
inferior conj	-9703 Jul 19 j 23:06	17°♉00'35	-2°06'50
minimum elong	-9703 Jul 20 j 01:28	16°♉52'41	2°05'42
morning rise	-9703 Jul 25 j 11:11	10°♉56'44	
asc. node	-9703 Jul 27 j 00:09	10°♉05'15	
direct	-9703 Jul 29 j 02:34	9°♉39'52	
morning max el	-9703 Aug 05 j 18:57	14°♉09'31	20°05'02
	-9703 Aug 17 j 18:27	0°♊	
morning set	-9703 Sep 01 j 03:08	21°♊55'53	
	-9703 Sep 06 j 07:06	0°♋	
desc. node	-9703 Sep 11 j 08:53	8°♋01'16	
max. Earth dist.	-9703 Sep 12 j 18:30	10°♋15'21	1.43857 AU
superior conj	-9703 Sep 17 j 13:26	17°♋58'35	-0°37'10
minimum elong	-9703 Sep 17 j 09:36	17°♋43'02	0°36'08
	-9703 Sep 24 j 20:12	0°♌	
evening rise	-9703 Sep 30 j 23:25	10°♌23'45	
	-9703 Oct 12 j 17:38	0°♍	
evening max el	-9703 Oct 18 j 22:14	8°♍06'33	18°15'10
asc. node	-9703 Oct 22 j 23:23	11°♍07'04	
retrograde	-9703 Oct 25 j 12:34	11°♍40'52	
evening set	-9703 Oct 28 j 06:15	11°♍01'59	
inferior conj	-9703 Nov 03 j 14:14	5°♍37'22	3°15'04
minimum elong	-9703 Nov 03 j 10:34	5°♍47'20	3°14'26
min. Earth dist.	-9703 Nov 05 j 22:17	3°♍05'47	0.63416 AU
	-9703 Nov 09 j 04:29	30°℞♌	
morning rise	-9703 Nov 09 j 14:11	29°♌40'42	
direct	-9703 Nov 16 j 14:38	26°♌57'08	
	-9703 Nov 24 j 19:58	0°♍	
morning max el	-9703 Nov 30 j 05:23	4°♍31'13	27°32'21
desc. node	-9703 Dec 08 j 09:43	13°♍50'17	
	-9703 Dec 19 j 14:16	0°♎	
morning set	-9702 Jan 03 j 13:00	26°♎50'42	
	-9702 Jan 05 j 02:34	0°♏	
max. Earth dist.	-9702 Jan 08 j 20:41	7°♏47'29	1.33490 AU
superior conj	-9702 Jan 11 j 04:31	12°♏44'35	-1°08'34
minimum elong	-9702 Jan 11 j 06:48	12°♏56'49	1°08'34
evening rise	-9702 Jan 18 j 07:41	28°♏00'03	
asc. node	-9702 Jan 18 j 21:15	29°♏10'56	
	-9702 Jan 19 j 06:41	0°♐	
	-9702 Feb 06 j 03:53	0°♑	
evening max el	-9702 Feb 10 j 09:28	4°♑32'47	23°11'54
retrograde	-9702 Feb 23 j 16:00	11°♑01'03	
evening set	-9702 Feb 27 j 06:08	10°♑32'54	
desc. node	-9702 Mar 06 j 10:23	7°♑20'14	
min. Earth dist.	-9702 Mar 06 j 21:12	7°♑04'31	0.55812 AU
inferior conj	-9702 Mar 08 j 09:23	6°♑11'17	-0°30'37
minimum elong	-9702 Mar 08 j 08:04	6°♑13'14	0°30'45
morning rise	-9702 Mar 17 j 12:07	2°♑09'23	
direct	-9702 Mar 19 j 18:45	1°♑56'41	
morning max el	-9702 Mar 30 j 13:49	7°♑02'16	20°24'05
	-9702 Apr 14 j 19:37	0°♒	
asc. node	-9702 Apr 16 j 20:22	4°♒01'12	
morning set	-9702 Apr 18 j 02:22	6°♒32'40	
superior conj	-9702 Apr 25 j 21:19	22°♒28'43	1°17'31
minimum elong	-9702 Apr 25 j 18:25	22°♒14'04	1°16'44
	-9702 Apr 29 j 16:00	0°♓	
max. Earth dist.	-9702 Apr 30 j 15:41	1°♓55'17	1.36185 AU
evening rise	-9702 May 04 j 21:01	9°♓54'56	
	-9702 May 16 j 12:16	0°♈	
desc. node	-9702 Jun 02 j 08:20	24°♈09'10	
	-9702 Jun 07 j 08:47	0°♉	
evening max el	-9702 Jun 09 j 15:13	2°♉20'47	26°07'56
retrograde	-9702 Jun 22 j 04:32	9°♉35'27	
evening set	-9702 Jun 28 j 13:15	6°♉51'18	
min. Earth dist.	-9702 Jul 02 j 16:20	2°♉20'24	0.66229 AU
inferior conj	-9702 Jul 04 j 00:45	0°♉38'07	-2°45'14
minimum elong	-9702 Jul 04 j 03:25	0°♉29'41	2°44'19

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9702 Jul 04 j 12:52	30℞♈	
morning rise	-9702 Jul 09 j 17:41	24°♈46'13	
direct	-9702 Jul 13 j 00:31	23°♈44'02	
asc. node	-9702 Jul 13 j 21:01	23°♈48'07	
morning max el	-9702 Jul 20 j 00:36	27°♈42'57	19°08'46
	-9702 Jul 22 j 01:42	0°♉	
	-9702 Aug 11 j 02:04	0°♊	
morning set	-9702 Aug 11 j 14:53	0°♊50'43	
max. Earth dist.	-9702 Aug 26 j 10:39	24°♊16'05	1.44548 AU
superior conj	-9702 Aug 27 j 20:46	26°♊31'11	0°08'23
minimum elong	-9702 Aug 27 j 21:53	26°♊35'37	0°08'49
behind sun begin	-9702 Aug 27 j 12:13	25°♊57'16	
behind sun end	-9702 Aug 28 j 07:34	27°♊13'59	
desc. node	-9702 Aug 29 j 05:56	28°♊42'42	
	-9702 Aug 30 j 01:24	0°♋	
evening rise	-9702 Sep 12 j 06:30	21°♋15'43	
	-9702 Sep 17 j 15:05	0°♌	
evening max el	-9702 Oct 02 j 10:59	21°♌32'59	18°40'50
retrograde	-9702 Oct 09 j 04:29	25°♌19'05	
asc. node	-9702 Oct 09 j 20:36	25°♌16'33	
evening set	-9702 Oct 12 j 03:41	24°♌29'43	
inferior conj	-9702 Oct 18 j 02:53	18°♌48'46	2°29'33
minimum elong	-9702 Oct 17 j 23:41	18°♌58'17	2°28'57
min. Earth dist.	-9702 Oct 19 j 21:32	16°♌42'00	0.64794 AU
morning rise	-9702 Oct 23 j 19:13	12°♌41'12	
direct	-9702 Oct 30 j 11:12	9°♌55'32	
morning max el	-9702 Nov 12 j 15:16	17°♌26'50	27°00'37
	-9702 Nov 23 j 06:43	0°♍	
desc. node	-9702 Nov 25 j 06:26	2°♍43'03	
	-9702 Dec 12 j 09:45	0°♎	
morning set	-9702 Dec 18 j 03:00	10°♎38'02	
max. Earth dist.	-9702 Dec 22 j 18:09	19°♎48'42	1.34448 AU
superior conj	-9702 Dec 26 j 09:01	27°♎17'12	-1°25'04
minimum elong	-9702 Dec 26 j 11:17	27°♎29'05	1°25'02
	-9702 Dec 27 j 16:01	0°♏	
evening rise	-9701 Jan 02 j 17:52	12°♏48'15	
asc. node	-9701 Jan 05 j 18:31	18°♏58'55	
	-9701 Jan 11 j 16:18	0°♐	
evening max el	-9701 Jan 23 j 06:34	15°♐32'29	21°40'08
retrograde	-9701 Feb 04 j 08:00	21°♐16'22	
evening set	-9701 Feb 07 j 04:46	20°♐57'54	
inferior conj	-9701 Feb 16 j 07:33	16°♐55'37	1°18'06
minimum elong	-9701 Feb 16 j 10:54	16°♐50'52	1°16'29
min. Earth dist.	-9701 Feb 16 j 11:39	16°♐49'47	0.55384 AU
desc. node	-9701 Feb 21 j 07:24	14°♐17'03	
morning rise	-9701 Feb 25 j 17:07	12°♐48'56	
direct	-9701 Feb 28 j 09:28	12°♐32'54	
morning max el	-9701 Mar 12 j 19:05	18°♐30'30	21°47'13
	-9701 Mar 21 j 22:12	0°♑	
morning set	-9701 Apr 02 j 11:30	21°♑23'05	
asc. node	-9701 Apr 03 j 17:20	23°♑58'10	
	-9701 Apr 06 j 14:14	0°♒	
superior conj	-9701 Apr 09 j 20:44	6°♒51'57	0°56'36
minimum elong	-9701 Apr 09 j 18:24	6°♒39'50	0°55'42
max. Earth dist.	-9701 Apr 13 j 06:59	13°♒55'30	1.34821 AU
evening rise	-9701 Apr 18 j 01:46	23°♒23'12	
	-9701 Apr 21 j 14:08	0°♓	
	-9701 May 10 j 02:53	0°♈	
desc. node	-9701 May 20 j 05:43	12°♈42'57	
evening max el	-9701 May 23 j 01:59	15°♈40'09	26°59'11
retrograde	-9701 Jun 05 j 07:20	23°♈08'26	
evening set	-9701 Jun 12 j 02:38	20°♈20'20	
min. Earth dist.	-9701 Jun 15 j 22:31	16°♈27'52	0.65174 AU
inferior conj	-9701 Jun 17 j 21:03	14°♈11'41	-3°15'50
minimum elong	-9701 Jun 17 j 23:29	14°♈04'33	3°15'19
morning rise	-9701 Jun 23 j 20:41	8°♈34'26	
direct	-9701 Jun 26 j 20:50	7°♈44'38	
asc. node	-9701 Jun 30 j 17:53	9°♈03'49	
morning max el	-9701 Jul 03 j 11:20	11°♈21'51	18°28'33
	-9701 Jul 16 j 11:28	0°♉	
morning set	-9701 Jul 23 j 02:02	10°♉51'29	
	-9701 Aug 03 j 21:05	0°♊	
superior conj	-9701 Aug 06 j 20:38	4°♊45'13	0°53'54
minimum elong	-9701 Aug 07 j 02:34	5°♊08'46	0°53'45
max. Earth dist.	-9701 Aug 09 j 03:36	8°♊23'13	1.44532 AU
desc. node	-9701 Aug 16 j 03:04	19°♊23'46	
	-9701 Aug 22 j 20:55	0°♋	
evening rise	-9701 Aug 23 j 10:47	0°♋54'31	
greatest brilliancy	-9701 Sep 02 j 03:26	16°♋04'21	-0.8m
	-9701 Sep 11 j 15:27	0°♌	
evening max el	-9701 Sep 15 j 20:33	5°♌01'13	19°23'23
retrograde	-9701 Sep 23 j 00:08	9°♌07'40	
evening set	-9701 Sep 26 j 07:09	8°♌04'47	
asc. node	-9701 Sep 26 j 17:47	7°♌46'48	
inferior conj	-9701 Oct 01 j 23:16	2°♌10'54	1°39'16
minimum elong	-9701 Oct 01 j 21:02	2°♌18'02	1°38'57
min. Earth dist.	-9701 Oct 03 j 05:27	0°♌34'34	0.65857 AU
	-9701 Oct 03 j 16:28	30°℞♋	
morning rise	-9701 Oct 07 j 10:35	25°♋55'48	
direct	-9701 Oct 13 j 13:56	23°♋18'22	
	-9701 Oct 25 j 10:26	0°♌	
morning max el	-9701 Oct 26 j 01:22	0°♌36'39	26°02'49
desc. node	-9701 Nov 12 j 03:09	22°♌13'15	
	-9701 Nov 17 j 06:08	0°♍	
morning set	-9701 Dec 01 j 03:18	23°♍39'32	
	-9701 Dec 04 j 12:06	0°♎	
max. Earth dist.	-9701 Dec 05 j 04:22	1°♎18'23	1.35838 AU
superior conj	-9701 Dec 10 j 06:42	11°♎24'35	-1°37'05
minimum elong	-9701 Dec 10 j 08:21	11°♎32'59	1°37'03
evening rise	-9701 Dec 18 j 01:07	27°♎21'57	
	-9701 Dec 19 j 08:13	0°♏	
asc. node	-9701 Dec 23 j 15:49	8°♏25'53	
evening max el	-9700 Jan 05 j 12:14	27°♏00'08	20°19'54
	-9700 Jan 09 j 10:07	0°♐	
retrograde	-9700 Jan 15 j 23:55	1°♐55'34	
evening set	-9700 Jan 18 j 13:30	1°♐39'09	
	-9700 Jan 23 j 02:37	30°℞♏	
inferior conj	-9700 Jan 27 j 06:40	27°♏39'32	2°53'38
minimum elong	-9700 Jan 27 j 12:21	27°♏31'00	2°51'46
min. Earth dist.	-9700 Jan 29 j 01:40	26°♏35'12	0.55848 AU
morning rise	-9700 Feb 05 j 09:25	23°♏12'28	
desc. node	-9700 Feb 08 j 04:21	22°♏44'18	
direct	-9700 Feb 09 j 01:56	22°♏42'29	
morning max el	-9700 Feb 22 j 14:38	29°♏24'11	23°22'19
	-9700 Feb 23 j 05:22	0°♐	
	-9700 Mar 13 j 20:11	0°♑	
morning set	-9700 Mar 16 j 23:13	6°♑24'10	
asc. node	-9700 Mar 20 j 14:21	14°♑06'18	
superior conj	-9700 Mar 24 j 02:16	21°♑35'50	0°33'41
minimum elong	-9700 Mar 24 j 00:50	21°♑28'13	0°32'51
max. Earth dist.	-9700 Mar 26 j 08:03	26°♑21'06	1.33811 AU
	-9700 Mar 28 j 01:56	0°♒	
evening rise	-9700 Mar 31 j 18:25	7°♒29'26	
	-9700 Apr 13 j 03:03	0°♓	
evening max el	-9700 May 04 j 12:24	28°♓44'11	27°24'42
	-9700 May 05 j 20:42	0°♈	
desc. node	-9700 May 06 j 03:05	0°♈14'22	
retrograde	-9700 May 18 j 04:39	6°♈16'40	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9700 May 25 j 04:46	3°♈37'28	
min. Earth dist.	-9700 May 28 j 20:20	0°♈18'07	0.63722 AU
	-9700 May 29 j 03:19	30°℞♓	
inferior conj	-9700 May 31 j 09:23	27°♓36'01	-3°35'53
minimum elong	-9700 May 31 j 10:53	27°♓32'00	3°35'49
morning rise	-9700 Jun 06 j 17:50	22°♓15'50	
direct	-9700 Jun 09 j 12:56	21°♓36'19	
morning max el	-9700 Jun 16 j 00:54	25°♓01'21	18°05'46
asc. node	-9700 Jun 16 j 14:45	25°♓37'02	
	-9700 Jun 20 j 03:32	0°♈	
morning set	-9700 Jul 03 j 14:43	22°♈03'59	
	-9700 Jul 08 j 05:54	0°♉	
superior conj	-9700 Jul 16 j 11:19	13°♉44'15	1°28'01
minimum elong	-9700 Jul 16 j 17:14	14°♉08'30	1°27'53
max. Earth dist.	-9700 Jul 21 j 18:19	22°♉18'54	1.43823 AU
	-9700 Jul 26 j 14:21	0°♊	
evening rise	-9700 Aug 01 j 16:54	9°♊32'45	
desc. node	-9700 Aug 02 j 00:17	10°♊01'23	
	-9700 Aug 15 j 03:18	0°♋	
evening max el	-9700 Aug 29 j 00:47	18°♋28'29	20°21'10
retrograde	-9700 Sep 05 j 20:57	23°♋03'27	
evening set	-9700 Sep 09 j 14:07	21°♋43'50	
asc. node	-9700 Sep 12 j 14:54	18°♋46'49	
inferior conj	-9700 Sep 15 j 00:56	15°♋40'16	0°47'03
minimum elong	-9700 Sep 14 j 23:52	15°♋43'52	0°47'11
min. Earth dist.	-9700 Sep 15 j 19:47	14°♋37'07	0.66615 AU
morning rise	-9700 Sep 20 j 09:22	9°♋21'21	
direct	-9700 Sep 25 j 22:21	6°♋59'02	
morning max el	-9700 Oct 07 j 10:45	13°♋50'49	24°47'30
	-9700 Oct 20 j 15:07	0°♌	
desc. node	-9700 Oct 28 j 23:54	12°♌09'57	
	-9700 Nov 09 j 01:53	0°♍	
morning set	-9700 Nov 12 j 08:39	5°♍40'30	
max. Earth dist.	-9700 Nov 16 j 05:05	12°♍35'00	1.37614 AU
superior conj	-9700 Nov 22 j 18:19	24°♍57'18	-1°42'53
minimum elong	-9700 Nov 22 j 18:38	24°♍58'48	1°42'46
	-9700 Nov 25 j 08:00	0°♎	
evening rise	-9700 Dec 01 j 03:22	11°♎35'19	
asc. node	-9700 Dec 09 j 13:08	27°♎24'13	
	-9700 Dec 11 j 03:08	0°♏	
evening max el	-9700 Dec 18 j 04:13	9°♏02'31	19°17'10
retrograde	-9700 Dec 27 j 03:07	13°♏17'26	
evening set	-9700 Dec 29 j 15:21	12°♏58'55	
inferior conj	-9699 Jan 06 j 18:57	8°♏47'26	3°53'40
minimum elong	-9699 Jan 06 j 22:49	8°♏40'53	3°52'50
min. Earth dist.	-9699 Jan 09 j 15:51	6°♏51'47	0.57083 AU
morning rise	-9699 Jan 15 j 04:01	3°♏54'55	
direct	-9699 Jan 20 j 05:02	2°♏56'13	
desc. node	-9699 Jan 25 j 01:15	3°♏50'45	
morning max el	-9699 Feb 03 j 05:26	10°♏04'12	24°58'15
	-9699 Feb 18 j 04:54	0°♐	
morning set	-9699 Mar 01 j 11:44	21°♐29'21	
	-9699 Mar 05 j 11:17	0°♑	
asc. node	-9699 Mar 07 j 11:24	4°♑21'02	
superior conj	-9699 Mar 08 j 11:40	6°♑32'43	0°09'58
minimum elong	-9699 Mar 08 j 11:16	6°♑30'31	0°09'18
behind sun begin	-9699 Mar 08 j 07:09	6°♑08'11	
behind sun end	-9699 Mar 08 j 15:23	6°♑52'52	
max. Earth dist.	-9699 Mar 09 j 16:49	9°♑10'21	1.33150 AU
evening rise	-9699 Mar 15 j 19:19	22°♑01'47	
	-9699 Mar 19 j 19:53	0°♒	
	-9699 Apr 07 j 03:04	0°♓	
evening max el	-9699 Apr 16 j 20:24	11°♓21'19	27°19'07
desc. node	-9699 Apr 23 j 00:25	16°♓17'43	
retrograde	-9699 Apr 30 j 19:19	18°♓51'22	
evening set	-9699 May 07 j 16:05	16°♓34'42	
min. Earth dist.	-9699 May 11 j 08:57	13°♓38'08	0.61933 AU
inferior conj	-9699 May 14 j 10:39	10°♓44'31	-3°41'13
minimum elong	-9699 May 14 j 10:27	10°♓45'00	3°41'28
morning rise	-9699 May 21 j 06:18	5°♓43'21	
direct	-9699 May 23 j 21:29	5°♓12'26	
morning max el	-9699 May 30 j 14:46	8°♓35'40	18°01'22
asc. node	-9699 Jun 03 j 11:35	13°♓11'53	
	-9699 Jun 13 j 15:30	0°♈	
morning set	-9699 Jun 16 j 01:08	4°♈19'21	
superior conj	-9699 Jun 27 j 04:21	24°♈01'11	1°46'03
minimum elong	-9699 Jun 27 j 07:00	24°♈12'34	1°46'07
	-9699 Jun 30 j 16:53	0°♉	
max. Earth dist.	-9699 Jul 04 j 04:48	5°♉48'24	1.42524 AU
evening rise	-9699 Jul 11 j 18:56	18°♉00'30	
desc. node	-9699 Jul 19 j 21:34	0°♊31'47	
	-9699 Jul 19 j 13:11	0°♊	
	-9699 Aug 10 j 04:17	0°♋	
evening max el	-9699 Aug 11 j 22:21	1°♋52'34	21°31'40
retrograde	-9699 Aug 20 j 16:57	7°♋03'33	
evening set	-9699 Aug 24 j 22:28	5°♋24'18	
	-9699 Aug 29 j 16:21	30°℞♊	
inferior conj	-9699 Aug 30 j 05:47	29°♊13'56	-0°05'02
minimum elong	-9699 Aug 30 j 05:53	29°♊13'36	0°04'25
transit middle	-9699 Aug 30 j 05:53	29°♊13'36	0°04'25
transit begin	-9699 Aug 30 j 03:16	29°♊22'34	
transit end	-9699 Aug 30 j 08:29	29°♊04'38	
asc. node	-9699 Aug 30 j 11:58	28°♊52'42	
min. Earth dist.	-9699 Aug 30 j 14:02	28°♊45'35	0.67084 AU
morning rise	-9699 Sep 04 j 13:09	22°♊54'53	
direct	-9699 Sep 09 j 11:36	20°♊51'15	
morning max el	-9699 Sep 19 j 20:47	27°♊05'15	23°23'46
	-9699 Sep 22 j 13:27	0°♋	
	-9699 Oct 14 j 07:16	0°♌	
desc. node	-9699 Oct 15 j 20:40	2°♌24'42	
morning set	-9699 Oct 24 j 13:23	16°♌25'46	
max. Earth dist.	-9699 Oct 29 j 02:47	24°♌11'33	1.39610 AU
	-9699 Nov 01 j 09:54	0°♍	
superior conj	-9699 Nov 05 j 15:30	7°♍42'17	-1°40'12
minimum elong	-9699 Nov 05 j 13:44	7°♍34'08	1°39'50
evening rise	-9699 Nov 14 j 22:03	25°♍20'57	
	-9699 Nov 17 j 08:19	0°♎	
asc. node	-9699 Nov 26 j 10:25	15°♎43'43	
evening max el	-9699 Dec 01 j 05:22	21°♎35'16	18°34'18
retrograde	-9699 Dec 09 j 00:09	25°♎23'30	
evening set	-9699 Dec 11 j 12:26	25°♎01'07	
inferior conj	-9699 Dec 19 j 02:10	20°♎29'34	4°15'05
minimum elong	-9699 Dec 19 j 02:30	20°♎28'54	4°14'57
min. Earth dist.	-9699 Dec 22 j 08:15	17°♎58'17	0.58800 AU
morning rise	-9699 Dec 26 j 14:45	15°♎14'25	
direct	-9698 Jan 01 j 19:45	13°♎37'52	
desc. node	-9698 Jan 11 j 22:02	17°♎33'47	
morning max el	-9698 Jan 15 j 22:06	20°♎58'22	26°20'29
	-9698 Jan 23 j 18:55	0°♏	
	-9698 Feb 10 j 18:36	0°♐	
morning set	-9698 Feb 13 j 23:15	6°♐31'59	
superior conj	-9698 Feb 20 j 23:05	21°♐35'43	-0°13'43
minimum elong	-9698 Feb 20 j 23:40	21°♐38'59	0°14'09
behind sun begin	-9698 Feb 20 j 21:28	21°♐26'55	
behind sun end	-9698 Feb 21 j 01:53	21°♐51'02	
max. Earth dist.	-9698 Feb 21 j 05:50	22°♐12'36	1.32810 AU
asc. node	-9698 Feb 22 j 08:30	24°♐38'04	
	-9698 Feb 24 j 19:59	0°♑	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening rise	-9698 Feb 28 j 01:43	6°♋50'32	
	-9698 Mar 12 j 10:08	0°♒	
evening max el	-9698 Mar 29 j 23:34	23°♒21'54	26°40'45
	-9698 Apr 08 j 19:19	0°♓	
desc. node	-9698 Apr 09 j 21:41	0°♓20'11	
retrograde	-9698 Apr 13 j 01:51	0°♓45'36	
	-9698 Apr 17 j 06:00	30°℞♒	
evening set	-9698 Apr 19 j 09:19	29°♒01'55	
min. Earth dist.	-9698 Apr 23 j 12:45	26°♒14'01	0.59947 AU
inferior conj	-9698 Apr 26 j 21:16	23°♒28'51	-3°25'59
minimum elong	-9698 Apr 26 j 18:51	23°♒33'51	3°26'07
morning rise	-9698 May 04 j 06:48	18°♒48'09	
direct	-9698 May 06 j 18:34	18°♒24'36	
morning max el	-9698 May 14 j 02:18	21°♒57'55	18°16'01
	-9698 May 20 j 08:35	0°♓	
asc. node	-9698 May 21 j 08:24	1°♓34'45	
morning set	-9698 May 30 j 04:23	17°♓26'03	
	-9698 Jun 05 j 21:39	0°♈	
superior conj	-9698 Jun 08 j 23:30	5°♈37'03	1°49'40
minimum elong	-9698 Jun 08 j 22:58	5°♈34'39	1°49'39
max. Earth dist.	-9698 Jun 16 j 09:49	18°♈39'14	1.40810 AU
evening rise	-9698 Jun 21 j 14:22	27°♈19'04	
	-9698 Jun 23 j 05:58	0°♉	
desc. node	-9698 Jul 06 j 18:55	20°♉50'53	
	-9698 Jul 13 j 05:05	0°♊	
evening max el	-9698 Jul 25 j 13:33	15°♊14'17	22°50'47
retrograde	-9698 Aug 04 j 10:47	21°♊06'05	
evening set	-9698 Aug 09 j 06:19	19°♊05'39	
inferior conj	-9698 Aug 14 j 12:02	12°♊51'10	-0°55'12
minimum elong	-9698 Aug 14 j 13:11	12°♊47'09	0°54'13
min. Earth dist.	-9698 Aug 14 j 09:51	12°♊58'41	0.67260 AU
asc. node	-9698 Aug 17 j 08:56	9°♊04'27	
morning rise	-9698 Aug 19 j 19:58	6°♊35'28	
direct	-9698 Aug 24 j 04:53	4°♊51'13	
morning max el	-9698 Sep 02 j 10:22	10°♊22'46	22°00'14
	-9698 Sep 17 j 14:38	0°♋	
desc. node	-9698 Oct 02 j 17:30	22°♋52'21	
morning set	-9698 Oct 04 j 15:05	25°♋53'11	
	-9698 Oct 07 j 04:26	0°♌	
max. Earth dist.	-9698 Oct 11 j 04:27	6°♌34'26	1.41555 AU
superior conj	-9698 Oct 18 j 16:53	19°♌25'46	-1°26'21
minimum elong	-9698 Oct 18 j 12:51	19°♌08'04	1°25'35
	-9698 Oct 24 j 14:34	0°♍	
evening rise	-9698 Oct 29 j 06:03	8°♍32'10	
	-9698 Nov 10 j 18:56	0°♎	
asc. node	-9698 Nov 13 j 07:41	3°♎12'42	
evening max el	-9698 Nov 14 j 13:25	4°♎31'47	18°11'34
retrograde	-9698 Nov 21 j 14:19	8°♎06'32	
evening set	-9698 Nov 24 j 03:21	7°♎39'12	
inferior conj	-9698 Dec 01 j 04:23	2°♎45'45	4°06'20
minimum elong	-9698 Dec 01 j 02:00	2°♎51'06	4°06'08
	-9698 Dec 04 j 06:28	30°℞♍	
min. Earth dist.	-9698 Dec 04 j 06:44	29°♍59'26	0.60682 AU
morning rise	-9698 Dec 07 j 23:19	27°♍11'43	
direct	-9698 Dec 14 j 20:40	24°♍59'41	
	-9698 Dec 26 j 02:42	0°♎	
morning max el	-9698 Dec 28 j 20:53	2°♎27'55	27°15'35
desc. node	-9698 Dec 29 j 18:46	3°♎21'52	
	-9697 Jan 18 j 00:55	0°♏	
morning set	-9697 Jan 29 j 07:55	21°♏24'50	
	-9697 Feb 02 j 09:23	0°♐	
superior conj	-9697 Feb 05 j 10:48	6°♐38'31	-0°36'28
minimum elong	-9697 Feb 05 j 12:16	6°♐46'30	0°36'41
max. Earth dist.	-9697 Feb 04 j 19:16	5°♐13'45	1.32790 AU
asc. node	-9697 Feb 09 j 05:38	14°♐53'00	
evening rise	-9697 Feb 12 j 11:25	21°♐47'30	
	-9697 Feb 16 j 12:14	0°♑	
	-9697 Mar 07 j 10:26	0°♒	
evening max el	-9697 Mar 11 j 20:47	4°♒43'55	25°33'11
retrograde	-9697 Mar 25 j 22:39	11°♒56'13	
desc. node	-9697 Mar 27 j 18:53	11°♒48'01	
evening set	-9697 Mar 31 j 06:56	10°♒48'16	
min. Earth dist.	-9697 Apr 05 j 09:44	7°♒54'11	0.58004 AU
inferior conj	-9697 Apr 08 j 13:42	5°♒39'29	-2°43'04
minimum elong	-9697 Apr 08 j 09:38	5°♒46'46	2°42'41
morning rise	-9697 Apr 16 j 15:32	1°♒18'43	
direct	-9697 Apr 18 j 23:43	1°♒01'21	
morning max el	-9697 Apr 27 j 08:38	4°♒59'06	18°50'13
asc. node	-9697 May 08 j 05:14	20°♒34'04	
	-9697 May 13 j 05:07	0°♓	
morning set	-9697 May 13 j 20:01	1°♓12'29	
superior conj	-9697 May 22 j 15:32	18°♓17'22	1°42'33
minimum elong	-9697 May 22 j 13:09	18°♓06'07	1°42'13
	-9697 May 28 j 23:53	0°♈	
max. Earth dist.	-9697 May 29 j 10:29	0°♈47'22	1.38921 AU
evening rise	-9697 Jun 02 j 12:47	7°♈57'30	
	-9697 Jun 16 j 05:05	0°♉	
desc. node	-9697 Jun 23 j 16:19	10°♉52'22	
evening max el	-9697 Jul 08 j 00:25	28°♉35'19	24°12'40
	-9697 Jul 09 j 11:35	0°♊	
retrograde	-9697 Jul 19 j 01:24	5°♊06'51	
evening set	-9697 Jul 24 j 11:49	2°♊45'58	
	-9697 Jul 27 j 02:06	30°℞♉	
min. Earth dist.	-9697 Jul 29 j 04:52	27°♉14'15	0.67125 AU
inferior conj	-9697 Jul 29 j 17:55	26°♉29'54	-1°42'01
minimum elong	-9697 Jul 29 j 19:56	26°♉23'04	1°40'52
morning rise	-9697 Aug 04 j 04:02	20°♉20'52	
asc. node	-9697 Aug 04 j 05:51	20°♉17'31	
direct	-9697 Aug 08 j 01:09	18°♉54'48	
morning max el	-9697 Aug 16 j 05:49	23°♉45'44	20°43'46
	-9697 Aug 21 j 12:25	0°♊	
	-9697 Sep 10 j 23:51	0°♋	
morning set	-9697 Sep 13 j 20:32	4°♋26'08	
desc. node	-9697 Sep 19 j 14:27	13°♋28'21	
max. Earth dist.	-9697 Sep 23 j 12:26	19°♋44'54	1.43163 AU
superior conj	-9697 Sep 29 j 16:49	29°♋53'46	-0°59'02
minimum elong	-9697 Sep 29 j 11:55	29°♋33'20	0°57'58
	-9697 Sep 29 j 18:19	0°♌	
evening rise	-9697 Oct 11 j 23:14	20°♌59'24	
	-9697 Oct 17 j 02:29	0°♍	
evening max el	-9697 Oct 29 j 01:35	17°♍45'22	18°08'29
asc. node	-9697 Oct 31 j 04:55	19°♍37'00	
retrograde	-9697 Nov 04 j 17:38	21°♍17'22	
evening set	-9697 Nov 07 j 08:58	20°♍43'27	
inferior conj	-9697 Nov 13 j 22:45	15°♍29'39	3°37'34
minimum elong	-9697 Nov 13 j 19:11	15°♍38'45	3°37'03
min. Earth dist.	-9697 Nov 16 j 14:24	12°♍47'58	0.62478 AU
morning rise	-9697 Nov 20 j 04:26	9°♍40'08	
direct	-9697 Nov 27 j 06:28	7°♍03'47	
morning max el	-9697 Dec 11 j 01:51	14°♍37'45	27°36'20
desc. node	-9697 Dec 16 j 15:28	20°♍41'51	
	-9697 Dec 23 j 16:45	0°♎	
	-9696 Jan 10 j 11:02	0°♏	
morning set	-9696 Jan 13 j 11:37	6°♏00'20	
max. Earth dist.	-9696 Jan 19 j 05:16	18°♏00'05	1.33118 AU
superior conj	-9696 Jan 20 j 21:14	21°♏35'22	-0°57'33
minimum elong	-9696 Jan 20 j 23:19	21°♏46'38	0°57'36
	-9696 Jan 24 j 18:28	0°♐	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9696 Jan 27 j 02:50	5°♐01'41	
evening rise	-9696 Jan 27 j 22:38	6°♐46'10	
	-9696 Feb 09 j 08:30	0°♑	
evening max el	-9696 Feb 21 j 14:08	15°♑39'52	24°05'59
retrograde	-9696 Mar 06 j 07:47	22°♑29'12	
evening set	-9696 Mar 10 j 12:05	21°♑50'16	
desc. node	-9696 Mar 13 j 15:58	20°♑33'54	
min. Earth dist.	-9696 Mar 17 j 03:03	18°♑37'30	0.56423 AU
inferior conj	-9696 Mar 19 j 10:17	17°♑11'25	-1°27'31
minimum elong	-9696 Mar 19 j 06:59	17°♑16'35	1°27'05
morning rise	-9696 Mar 28 j 04:53	13°♑05'30	
direct	-9696 Mar 30 j 10:27	12°♑52'16	
morning max el	-9696 Apr 09 j 06:53	17°♑29'52	19°44'14
	-9696 Apr 18 j 14:56	0°♒	
asc. node	-9696 Apr 24 j 02:09	10°♒01'23	
morning set	-9696 Apr 26 j 20:35	15°♒30'00	
	-9696 May 04 j 01:25	0°♓	
superior conj	-9696 May 04 j 23:02	1°♓47'19	1°28'07
minimum elong	-9696 May 04 j 20:05	1°♓32'39	1°27'28
max. Earth dist.	-9696 May 10 j 12:16	12°♓30'38	1.37114 AU
evening rise	-9696 May 14 j 12:43	19°♓54'28	
	-9696 May 20 j 07:34	0°♈	
	-9696 Jun 09 j 04:57	0°♉	
desc. node	-9696 Jun 09 j 13:41	0°♉28'40	
evening max el	-9696 Jun 19 j 10:08	11°♉58'37	25°29'28
retrograde	-9696 Jul 01 j 11:59	19°♉01'26	
evening set	-9696 Jul 07 j 12:55	16°♉23'55	
min. Earth dist.	-9696 Jul 11 j 20:47	11°♉30'11	0.66658 AU
inferior conj	-9696 Jul 12 j 21:43	10°♉08'48	-2°23'59
minimum elong	-9696 Jul 13 j 00:16	10°♉00'28	2°22'54
morning rise	-9696 Jul 18 j 11:38	4°♉09'35	
asc. node	-9696 Jul 21 j 02:46	3°♉03'29	
direct	-9696 Jul 21 j 23:02	2°♉59'25	
morning max el	-9696 Jul 29 j 07:53	7°♉15'24	19°39'09
	-9696 Aug 14 j 16:11	0°♊	
morning set	-9696 Aug 23 j 00:04	12°♊56'36	
	-9696 Sep 02 j 20:44	0°♋	
max. Earth dist.	-9696 Sep 05 j 01:45	3°♋30'09	1.44231 AU
desc. node	-9696 Sep 05 j 11:28	4°♋08'47	
superior conj	-9696 Sep 08 j 13:08	9°♋02'53	-0°18'37
minimum elong	-9696 Sep 08 j 11:02	8°♋54'26	0°17'47
	-9696 Sep 21 j 08:28	0°♌	
evening rise	-9696 Sep 22 j 20:18	2°♌29'46	
	-9696 Oct 10 j 13:29	0°♍	
evening max el	-9696 Oct 11 j 15:00	1°♍09'00	18°24'01
asc. node	-9696 Oct 17 j 02:09	4°♍40'08	
retrograde	-9696 Oct 18 j 05:56	4°♍47'23	
evening set	-9696 Oct 21 j 01:37	4°♍04'31	
	-9696 Oct 25 j 22:22	30°℞♌	
inferior conj	-9696 Oct 27 j 05:42	28°♌32'51	2°56'33
minimum elong	-9696 Oct 27 j 02:08	28°♌42'55	2°55'54
min. Earth dist.	-9696 Oct 29 j 08:07	26°♌10'30	0.64038 AU
morning rise	-9696 Nov 02 j 02:00	22°♌31'05	
direct	-9696 Nov 08 j 23:38	19°♌44'43	
morning max el	-9696 Nov 22 j 10:31	27°♌19'22	27°22'28
	-9696 Nov 25 j 00:34	0°♍	
desc. node	-9696 Dec 02 j 12:11	9°♍06'32	
	-9696 Dec 16 j 07:16	0°♎	
morning set	-9696 Dec 27 j 07:34	20°♎08'07	
	-9695 Jan 01 j 04:27	0°♏	
max. Earth dist.	-9695 Jan 01 j 07:59	0°♏18'25	1.33839 AU
superior conj	-9695 Jan 04 j 04:31	6°♏18'47	-1°16'02
minimum elong	-9695 Jan 04 j 06:51	6°♏31'12	1°16'01
evening rise	-9695 Jan 11 j 09:40	21°♏39'33	

asc. node	-9695 Jan 13 j 00:04	24°♏58'29	
	-9695 Jan 15 j 12:07	0°♐	
evening max el	-9695 Feb 02 j 08:23	26°♐31'27	22°32'07
	-9695 Feb 06 j 18:00	0°♑	
retrograde	-9695 Feb 15 j 04:25	2°♑41'55	
evening set	-9695 Feb 18 j 09:30	2°♑19'21	
	-9695 Feb 24 j 05:58	30°℞♐	
min. Earth dist.	-9695 Feb 26 j 18:29	28°♐36'00	0.55519 AU
inferior conj	-9695 Feb 27 j 14:00	28°♐07'59	0°15'07
minimum elong	-9695 Feb 27 j 14:39	28°♐07'03	0°14'20
transit middle	-9695 Feb 27 j 14:39	28°♐07'03	0°14'20
transit begin	-9695 Feb 27 j 12:56	28°♐09'31	
transit end	-9695 Feb 27 j 16:21	28°♐04'36	
desc. node	-9695 Feb 28 j 13:01	27°♐35'03	
morning rise	-9695 Mar 08 j 21:00	24°♐05'40	
direct	-9695 Mar 11 j 06:04	23°♐52'26	
morning max el	-9695 Mar 22 j 18:30	29°♐20'56	20°57'29
	-9695 Mar 23 j 10:37	0°♑	
asc. node	-9695 Apr 10 j 23:07	29°♑48'54	
morning set	-9695 Apr 11 j 03:15	0°♒10'04	
	-9695 Apr 11 j 01:17	0°♒	
superior conj	-9695 Apr 18 j 17:37	15°♒53'34	1°08'59
minimum elong	-9695 Apr 18 j 14:54	15°♒39'39	1°08'08
max. Earth dist.	-9695 Apr 22 j 21:40	24°♒18'06	1.35563 AU
	-9695 Apr 25 j 19:54	0°♓	
evening rise	-9695 Apr 27 j 08:33	2°♓53'59	
	-9695 May 13 j 06:00	0°♈	
desc. node	-9695 May 27 j 11:04	19°♈29'23	
evening max el	-9695 Jun 01 j 20:42	25°♈22'25	26°32'33
	-9695 Jun 07 j 08:40	0°♉	
retrograde	-9695 Jun 14 j 17:47	2°♉44'13	
evening set	-9695 Jun 21 j 07:22	29°♈57'21	
	-9695 Jun 21 j 06:07	30°℞♈	
min. Earth dist.	-9695 Jun 25 j 07:14	25°♈42'48	0.65825 AU
inferior conj	-9695 Jun 26 j 21:26	23°♈45'41	-2°59'22
minimum elong	-9695 Jun 27 j 00:04	23°♈37'33	2°58'35
morning rise	-9695 Jul 02 j 16:57	17°♈59'23	
direct	-9695 Jul 05 j 20:42	17°♈02'41	
asc. node	-9695 Jul 07 j 23:42	17°♈27'26	
morning max el	-9695 Jul 12 j 15:53	20°♈51'27	18°49'31
	-9695 Jul 19 j 17:56	0°♉	
morning set	-9695 Aug 02 j 20:59	22°♉17'37	
	-9695 Aug 07 j 16:27	0°♊	
superior conj	-9695 Aug 18 j 14:39	17°♊20'24	0°28'27
minimum elong	-9695 Aug 18 j 18:13	17°♊34'28	0°28'34
max. Earth dist.	-9695 Aug 18 j 18:27	17°♊35'23	1.44631 AU
desc. node	-9695 Aug 23 j 08:33	24°♊50'41	
	-9695 Aug 26 j 14:39	0°♋	
evening rise	-9695 Sep 03 j 16:09	12°♋51'04	
	-9695 Sep 14 j 10:33	0°♌	
evening max el	-9695 Sep 25 j 02:50	14°♌37'27	18°57'01
retrograde	-9695 Oct 01 j 23:41	18°♌30'46	
asc. node	-9695 Oct 03 j 23:21	18°♌08'11	
evening set	-9695 Oct 05 j 01:59	17°♌36'00	
inferior conj	-9695 Oct 10 j 21:59	11°♌49'25	2°08'37
minimum elong	-9695 Oct 10 j 19:09	11°♌58'07	2°08'06
min. Earth dist.	-9695 Oct 12 j 11:14	9°♌55'05	0.65291 AU
morning rise	-9695 Oct 16 j 11:55	5°♌38'28	
direct	-9695 Oct 22 j 23:03	2°♌55'02	
morning max el	-9695 Nov 04 j 20:29	10°♌21'45	26°38'38
desc. node	-9695 Nov 19 j 08:55	28°♌16'57	
	-9695 Nov 20 j 13:31	0°♍	
	-9695 Dec 08 j 17:53	0°♎	
morning set	-9695 Dec 10 j 16:16	3°♎37'12	
max. Earth dist.	-9695 Dec 15 j 00:36	12°♎04'23	1.34992 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9695 Dec 19 j 06:27	20°♎41'43	-1°30'49
minimum elong	-9695 Dec 19 j 08:33	20°♎52'31	1°30'47
	-9695 Dec 23 j 17:29	0°♏	
evening rise	-9695 Dec 26 j 18:49	6°♏22'06	
asc. node	-9695 Dec 30 j 21:20	14°♏37'59	
	-9694 Jan 08 j 21:14	0°♐	
evening max el	-9694 Jan 15 j 08:50	7°♐41'22	21°04'05
retrograde	-9694 Jan 26 j 18:18	13°♐03'36	
evening set	-9694 Jan 29 j 11:11	12°♐46'36	
inferior conj	-9694 Feb 07 j 10:46	8°♐47'54	2°01'58
minimum elong	-9694 Feb 07 j 15:37	8°♐40'56	2°00'01
min. Earth dist.	-9694 Feb 08 j 08:32	8°♐16'39	0.55483 AU
desc. node	-9694 Feb 15 j 10:01	4°♐56'01	
morning rise	-9694 Feb 16 j 19:09	4°♐34'02	
direct	-9694 Feb 19 j 20:28	4°♐13'30	
morning max el	-9694 Mar 04 j 19:01	10°♐31'28	22°26'43
	-9694 Mar 18 j 20:10	0°♑	
morning set	-9694 Mar 26 j 13:40	15°♑05'15	
asc. node	-9694 Mar 28 j 20:05	19°♑50'42	
superior conj	-9694 Apr 02 j 19:52	0°♒25'43	0°47'02
minimum elong	-9694 Apr 02 j 17:54	0°♒15'19	0°46'09
	-9694 Apr 02 j 15:00	0°♒	
max. Earth dist.	-9694 Apr 05 j 17:29	6°♒29'13	1.34351 AU
evening rise	-9694 Apr 10 j 18:51	16°♒39'27	
	-9694 Apr 17 j 22:50	0°♓	
	-9694 May 07 j 15:59	0°♈	
desc. node	-9694 May 14 j 08:29	7°♈39'08	
evening max el	-9694 May 15 j 07:46	8°♈37'08	27°13'42
retrograde	-9694 May 28 j 18:07	16°♈07'15	
evening set	-9694 Jun 04 j 16:20	13°♈21'33	
min. Earth dist.	-9694 Jun 08 j 10:02	9°♈44'01	0.64602 AU
inferior conj	-9694 Jun 10 j 14:41	7°♈15'50	-3°25'52
minimum elong	-9694 Jun 10 j 16:49	7°♈09'49	3°25'33
morning rise	-9694 Jun 16 j 17:46	1°♈45'24	
direct	-9694 Jun 19 j 15:42	1°♈00'01	
asc. node	-9694 Jun 24 j 20:34	3°♈17'46	
morning max el	-9694 Jun 26 j 04:03	4°♈30'38	18°16'41
	-9694 Jul 13 j 02:49	0°♉	
morning set	-9694 Jul 14 j 19:18	2°♉49'45	
superior conj	-9694 Jul 28 j 18:24	25°♉46'16	1°10'16
minimum elong	-9694 Jul 29 j 00:57	26°♉12'35	1°10'02
	-9694 Jul 31 j 09:49	0°♊	
max. Earth dist.	-9694 Aug 01 j 11:25	1°♊41'54	1.44316 AU
desc. node	-9694 Aug 10 j 05:44	15°♊30'35	
evening rise	-9694 Aug 14 j 09:42	22°♊00'41	
	-9694 Aug 19 j 13:12	0°♋	
greatest brilliancy	-9694 Aug 26 j 09:05	10°♋27'53	-0.7m
evening max el	-9694 Sep 08 j 10:25	28°♋05'35	19°46'12
	-9694 Sep 10 j 11:39	0°♌	
retrograde	-9694 Sep 15 j 20:04	2°♌22'44	
evening set	-9694 Sep 19 j 07:13	1°♌12'55	
asc. node	-9694 Sep 20 j 20:31	29°♋57'20	
	-9694 Sep 20 j 19:23	30°℞♋	
inferior conj	-9694 Sep 24 j 20:52	25°♋14'26	1°17'13
minimum elong	-9694 Sep 24 j 19:07	25°♋20'11	1°17'04
min. Earth dist.	-9694 Sep 25 j 22:01	23°♋52'20	0.66223 AU
morning rise	-9694 Sep 30 j 06:45	18°♋57'33	
direct	-9694 Oct 06 j 04:07	16°♋26'08	
morning max el	-9694 Oct 18 j 06:14	23°♋33'53	25°32'21
	-9694 Oct 24 j 00:59	0°♌	
desc. node	-9694 Nov 06 j 05:38	17°♌59'14	
	-9694 Nov 13 j 22:20	0°♍	
morning set	-9694 Nov 23 j 09:08	16°♍14'09	
max. Earth dist.	-9694 Nov 27 j 06:31	23°♍26'01	1.36561 AU
	-9694 Nov 30 j 16:30	0°♎	

superior conj	-9694 Dec 03 j 00:16	4°♎35'18	-1°40'26
minimum elong	-9694 Dec 03 j 01:27	4°♎41'11	1°40'23
evening rise	-9694 Dec 11 j 00:12	20°♎47'48	
	-9694 Dec 15 j 16:10	0°♏	
asc. node	-9694 Dec 17 j 18:37	3°♏53'35	
evening max el	-9694 Dec 28 j 18:46	19°♏23'08	19°50'47
retrograde	-9693 Jan 07 j 13:57	24°♏00'03	
evening set	-9693 Jan 10 j 02:44	23°♏42'56	
inferior conj	-9693 Jan 18 j 14:15	19°♏39'18	3°24'05
minimum elong	-9693 Jan 18 j 19:36	19°♏30'54	3°22'36
min. Earth dist.	-9693 Jan 20 j 22:05	18°♏12'06	0.56295 AU
morning rise	-9693 Jan 27 j 10:26	15°♏01'47	
direct	-9693 Jan 31 j 16:28	14°♏21'30	
desc. node	-9693 Feb 02 j 06:56	14°♏27'23	
morning max el	-9693 Feb 14 j 11:43	21°♏15'46	24°03'59
	-9693 Feb 21 j 23:46	0°♐	
morning set	-9693 Mar 11 j 01:58	0°♑09'14	
	-9693 Mar 11 j 00:12	0°♑	
asc. node	-9693 Mar 15 j 17:05	10°♑02'12	
superior conj	-9693 Mar 18 j 03:18	15°♑16'03	0°23'39
minimum elong	-9693 Mar 18 j 02:18	15°♑10'41	0°22'53
max. Earth dist.	-9693 Mar 19 j 22:25	19°♑06'58	1.33487 AU
	-9693 Mar 25 j 03:52	0°♒	
evening rise	-9693 Mar 25 j 15:23	0°♒58'04	
	-9693 Apr 10 j 22:35	0°♓	
evening max el	-9693 Apr 27 j 17:23	21°♓30'56	27°26'18
desc. node	-9693 May 01 j 05:51	24°♓36'57	
retrograde	-9693 May 11 j 12:30	29°♓02'41	
evening set	-9693 May 18 j 12:35	26°♓31'13	
min. Earth dist.	-9693 May 22 j 03:46	23°♓23'27	0.62998 AU
inferior conj	-9693 May 24 j 22:42	20°♓34'18	-3°40'15
minimum elong	-9693 May 24 j 23:34	20°♓32'05	3°40'22
morning rise	-9693 May 31 j 11:37	15°♓22'11	
direct	-9693 Jun 03 j 05:03	14°♓46'26	
morning max el	-9693 Jun 09 j 18:06	18°♓08'58	18°01'42
asc. node	-9693 Jun 11 j 17:24	20°♓19'08	
	-9693 Jun 18 j 08:09	0°♈	
morning set	-9693 Jun 26 j 17:50	14°♈30'30	
	-9693 Jul 05 j 16:27	0°♉	
superior conj	-9693 Jul 08 j 19:46	5°♉17'00	1°37'38
minimum elong	-9693 Jul 09 j 00:28	5°♉36'36	1°37'37
max. Earth dist.	-9693 Jul 15 j 00:58	15°♉29'48	1.43335 AU
evening rise	-9693 Jul 24 j 11:20	0°♊26'50	
	-9693 Jul 24 j 04:26	0°♊	
desc. node	-9693 Jul 28 j 02:58	6°♊05'35	
	-9693 Aug 13 j 06:15	0°♋	
evening max el	-9693 Aug 22 j 11:49	11°♋31'09	20°49'40
retrograde	-9693 Aug 30 j 16:50	16°♋20'49	
evening set	-9693 Sep 03 j 15:02	14°♋52'58	
asc. node	-9693 Sep 07 j 17:37	10°♋28'14	
inferior conj	-9693 Sep 09 j 00:07	8°♋45'52	0°24'50
minimum elong	-9693 Sep 08 j 23:33	8°♋47'48	0°25'10
min. Earth dist.	-9693 Sep 09 j 14:19	7°♋57'39	0.66852 AU
morning rise	-9693 Sep 14 j 07:53	2°♋26'25	
direct	-9693 Sep 19 j 14:29	0°♋12'05	
morning max el	-9693 Sep 30 j 15:50	6°♋48'56	24°12'22
	-9693 Oct 18 j 17:17	0°♌	
desc. node	-9693 Oct 24 j 02:22	8°♌04'12	
morning set	-9693 Nov 05 j 04:40	27°♌44'22	
	-9693 Nov 06 j 12:01	0°♍	
max. Earth dist.	-9693 Nov 09 j 05:19	4°♍48'02	1.38452 AU
superior conj	-9693 Nov 16 j 06:19	17°♍48'55	-1°42'57
minimum elong	-9693 Nov 16 j 05:49	17°♍46'34	1°42'45
	-9693 Nov 22 j 12:40	0°♎	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening rise	-9693 Nov 24 j 23:35	4°♎50'14	
asc. node	-9693 Dec 04 j 15:54	22°♎36'41	
	-9693 Dec 10 j 00:52	0°♏	
evening max el	-9693 Dec 11 j 14:46	1°♏38'38	18°56'24
retrograde	-9693 Dec 20 j 00:46	5°♏40'58	
evening set	-9693 Dec 22 j 12:43	5°♏21'06	
inferior conj	-9693 Dec 30 j 10:19	1°♏01'30	4°07'10
minimum elong	-9693 Dec 30 j 12:42	0°♏57'12	4°06'43
	-9693 Dec 31 j 20:24	30°℞♎	
min. Earth dist.	-9692 Jan 02 j 12:58	28°♎48'16	0.57766 AU
morning rise	-9692 Jan 07 j 10:31	25°♎58'30	
direct	-9692 Jan 13 j 00:17	24°♎44'22	
desc. node	-9692 Jan 20 j 03:46	26°♎43'09	
	-9692 Jan 24 j 21:40	0°♏	
morning max el	-9692 Jan 27 j 02:49	1°♏59'18	25°35'55
	-9692 Feb 15 j 21:05	0°♐	
morning set	-9692 Feb 23 j 14:16	15°♐14'17	
	-9692 Mar 01 j 10:45	0°♑	
superior conj	-9692 Mar 01 j 13:46	0°♑16'26	-0°00'09
minimum elong	-9692 Mar 01 j 13:47	0°♑16'34	0°00'43
behind sun begin	-9692 Mar 01 j 08:46	29°♐49'15	
behind sun end	-9692 Mar 01 j 18:49	0°♑43'53	
asc. node	-9692 Mar 01 j 14:08	0°♑18'25	
max. Earth dist.	-9692 Mar 02 j 09:20	2°♑02'49	1.32959 AU
evening rise	-9692 Mar 08 j 18:53	15°♑38'10	
	-9692 Mar 16 j 04:06	0°♒	
	-9692 Apr 05 j 06:37	0°♓	
evening max el	-9692 Apr 08 j 23:16	3°♓52'11	27°06'40
desc. node	-9692 Apr 17 j 03:09	9°♓53'03	
retrograde	-9692 Apr 23 j 00:08	11°♓20'52	
evening set	-9692 Apr 29 j 16:34	9°♓16'56	
min. Earth dist.	-9692 May 03 j 12:20	6°♓26'07	0.61099 AU
inferior conj	-9692 May 06 j 18:08	3°♓33'01	-3°37'42
minimum elong	-9692 May 06 j 17:00	3°♓35'32	3°37'58
	-9692 May 11 j 04:37	30°℞♒	
morning rise	-9692 May 13 j 19:24	28°♒40'49	
direct	-9692 May 16 j 09:03	28°♒13'17	
	-9692 May 21 j 08:08	0°♓	
morning max el	-9692 May 23 j 07:22	1°♓39'14	18°05'17
asc. node	-9692 May 28 j 14:12	8°♓15'41	
morning set	-9692 Jun 08 j 11:55	27°♓08'23	
	-9692 Jun 10 j 01:18	0°♈	
superior conj	-9692 Jun 19 j 00:24	16°♈08'40	1°49'08
minimum elong	-9692 Jun 19 j 01:34	16°♈13'47	1°49'13
max. Earth dist.	-9692 Jun 26 j 08:36	28°♈41'42	1.41826 AU
	-9692 Jun 27 j 03:28	0°♉	
evening rise	-9692 Jul 02 j 18:31	9°♉09'07	
desc. node	-9692 Jul 14 j 00:17	26°♉31'36	
	-9692 Jul 16 j 08:25	0°♊	
evening max el	-9692 Aug 04 j 06:24	24°♊53'34	22°04'34
	-9692 Aug 11 j 08:22	0°♋	
retrograde	-9692 Aug 13 j 12:13	0°♋22'17	
	-9692 Aug 15 j 13:36	30°℞♊	
evening set	-9692 Aug 17 j 23:25	28°♊34'13	
inferior conj	-9692 Aug 23 j 05:48	22°♊21'33	-0°26'37
minimum elong	-9692 Aug 23 j 06:22	22°♊19'36	0°25'50
min. Earth dist.	-9692 Aug 23 j 09:38	22°♊08'18	0.67187 AU
asc. node	-9692 Aug 24 j 14:38	20°♊29'09	
morning rise	-9692 Aug 28 j 13:11	16°♊03'16	
direct	-9692 Sep 02 j 05:38	14°♊07'57	
morning max el	-9692 Sep 12 j 03:07	20°♊04'49	22°47'46
	-9692 Sep 20 j 11:00	0°♋	
desc. node	-9692 Oct 09 j 23:09	28°♋25'11	
	-9692 Oct 10 j 23:16	0°♌	
morning set	-9692 Oct 15 j 21:59	7°♌56'50	
max. Earth dist.	-9692 Oct 21 j 03:46	16°♌41'33	1.40454 AU
superior conj	-9692 Oct 28 j 19:52	0°♍10'04	-1°35'52
minimum elong	-9692 Oct 28 j 17:06	29°♌57'34	1°35'21
	-9692 Oct 28 j 17:38	0°♍	
evening rise	-9692 Nov 07 j 14:14	18°♍22'43	
	-9692 Nov 13 j 20:37	0°♎	
asc. node	-9692 Nov 20 j 13:11	10°♎36'50	
evening max el	-9692 Nov 23 j 19:17	14°♎23'12	18°22'13
retrograde	-9692 Dec 01 j 05:20	18°♎04'07	
evening set	-9692 Dec 03 j 17:44	17°♎39'54	
inferior conj	-9692 Dec 11 j 01:57	12°♎59'24	4°14'26
minimum elong	-9692 Dec 11 j 00:57	13°♎01'28	4°14'19
min. Earth dist.	-9692 Dec 14 j 07:52	10°♎18'45	0.59595 AU
morning rise	-9692 Dec 18 j 06:29	7°♎35'36	
direct	-9692 Dec 24 j 20:02	5°♎42'39	
desc. node	-9691 Jan 06 j 00:30	11°♎23'54	
morning max el	-9691 Jan 07 j 21:54	13°♎07'36	26°47'42
	-9691 Jan 21 j 08:24	0°♏	
	-9691 Feb 06 j 22:11	0°♐	
morning set	-9691 Feb 07 j 00:48	0°♐13'39	
superior conj	-9691 Feb 14 j 01:32	15°♐20'19	-0°23'30
minimum elong	-9691 Feb 14 j 02:31	15°♐25'43	0°23'51
max. Earth dist.	-9691 Feb 13 j 22:48	15°♐05'24	1.32759 AU
asc. node	-9691 Feb 16 j 11:13	20°♐35'00	
	-9691 Feb 20 j 20:55	0°♑	
evening rise	-9691 Feb 21 j 02:55	0°♑31'19	
	-9691 Mar 09 j 10:39	0°♒	
evening max el	-9691 Mar 21 j 23:52	15°♒35'41	26°15'09
desc. node	-9691 Apr 04 j 00:23	22°♒52'47	
retrograde	-9691 Apr 05 j 03:04	22°♒55'52	
evening set	-9691 Apr 11 j 01:25	21°♒27'48	
min. Earth dist.	-9691 Apr 15 j 13:11	18°♒38'38	0.59096 AU
inferior conj	-9691 Apr 18 j 21:22	16°♒03'46	-3°11'37
minimum elong	-9691 Apr 18 j 18:05	16°♒10'11	3°11'33
morning rise	-9691 Apr 26 j 13:36	11°♒31'39	
direct	-9691 Apr 28 j 23:40	11°♒11'03	
morning max el	-9691 May 06 j 17:02	14°♒53'20	18°28'05
asc. node	-9691 May 15 j 11:01	26°♒55'00	
	-9691 May 17 j 05:17	0°♓	
morning set	-9691 May 22 j 20:53	10°♓32'34	
superior conj	-9691 Jun 01 j 05:02	28°♓13'03	1°47'45
minimum elong	-9691 Jun 01 j 03:33	28°♓06'10	1°47'36
	-9691 Jun 02 j 04:19	0°♈	
max. Earth dist.	-9691 Jun 08 j 10:51	11°♈11'15	1.40011 AU
evening rise	-9691 Jun 13 j 01:01	18°♈59'57	
	-9691 Jun 19 j 19:44	0°♉	
desc. node	-9691 Jun 30 j 21:40	16°♉43'37	
	-9691 Jul 10 j 15:38	0°♊	
evening max el	-9691 Jul 17 j 19:26	8°♊14'27	23°25'52
retrograde	-9691 Jul 28 j 04:46	14°♊23'51	
evening set	-9691 Aug 02 j 06:29	12°♊14'46	
min. Earth dist.	-9691 Aug 07 j 05:29	6°♊22'11	0.67235 AU
inferior conj	-9691 Aug 07 j 12:06	5°♊59'24	-1°15'35
minimum elong	-9691 Aug 07 j 13:40	5°♊54'03	1°14'29
asc. node	-9691 Aug 11 j 11:36	1°♊00'49	
morning rise	-9691 Aug 12 j 20:45	29°♉45'55	
	-9691 Aug 12 j 13:46	30°℞♉	
direct	-9691 Aug 17 j 00:27	28°♉09'24	
	-9691 Aug 21 j 21:58	0°♊	
morning max el	-9691 Aug 25 j 18:49	3°♊23'22	21°26'31
	-9691 Sep 14 j 12:48	0°♋	
morning set	-9691 Sep 25 j 13:25	16°♋55'41	
desc. node	-9691 Sep 26 j 20:01	18°♋56'35	
max. Earth dist.	-9691 Oct 03 j 07:39	29°♋23'57	1.42291 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9691 Oct 03 j 16:26	0°♌	
superior conj	-9691 Oct 10 j 11:05	11°♌23'11	-1°16'30
minimum elong	-9691 Oct 10 j 06:22	11°♌02'57	1°15'35
	-9691 Oct 20 j 23:38	0°♍	
evening rise	-9691 Oct 21 j 16:29	1°♍16'12	
evening max el	-9691 Nov 07 j 05:32	27°♍28'17	18°07'57
asc. node	-9691 Nov 07 j 10:28	27°♍40'26	
	-9691 Nov 10 j 11:03	0°♎	
retrograde	-9691 Nov 14 j 01:28	1°♎00'13	
evening set	-9691 Nov 16 j 15:23	0°♎30'13	
	-9691 Nov 17 j 17:58	30°℞♍	
inferior conj	-9691 Nov 23 j 11:27	25°♍28'00	3°56'00
minimum elong	-9691 Nov 23 j 08:24	25°♍35'16	3°55'40
min. Earth dist.	-9691 Nov 26 j 09:53	22°♍41'32	0.61476 AU
morning rise	-9691 Nov 30 j 00:17	19°♍47'18	
direct	-9691 Dec 07 j 01:11	17°♍23'03	
morning max el	-9691 Dec 20 j 23:14	24°♍53'32	27°28'37
desc. node	-9691 Dec 23 j 21:12	27°♍54'25	
	-9691 Dec 25 j 17:26	0°♎	
	-9690 Jan 14 j 14:14	0°♏	
morning set	-9690 Jan 22 j 07:39	14°♏59'43	
max. Earth dist.	-9690 Jan 28 j 11:10	28°♏01'17	1.32890 AU
	-9690 Jan 29 j 09:02	0°♐	
superior conj	-9690 Jan 29 j 12:56	0°♐21'15	-0°45'39
minimum elong	-9690 Jan 29 j 14:42	0°♐30'50	0°45'48
asc. node	-9690 Feb 03 j 08:24	10°♐47'44	
evening rise	-9690 Feb 05 j 13:30	15°♐29'48	
	-9690 Feb 12 j 21:23	0°♑	
evening max el	-9690 Mar 03 j 19:17	26°♑45'09	24°57'48
	-9690 Mar 07 j 16:01	0°♒	
retrograde	-9690 Mar 17 j 18:52	3°♒48'37	
desc. node	-9690 Mar 21 j 21:31	3°♒09'37	
evening set	-9690 Mar 22 j 15:15	2°♒54'38	
	-9690 Mar 28 j 04:40	30°℞♑	
min. Earth dist.	-9690 Mar 28 j 08:25	29°♑53'56	0.57270 AU
inferior conj	-9690 Mar 31 j 05:26	27°♑58'31	-2°15'04
minimum elong	-9690 Mar 31 j 01:17	28°♑05'31	2°14'32
morning rise	-9690 Apr 08 j 14:28	23°♑44'36	
direct	-9690 Apr 10 j 21:22	23°♑29'15	
morning max el	-9690 Apr 19 j 20:12	27°♑42'21	19°10'43
	-9690 Apr 22 j 00:36	0°♒	
asc. node	-9690 May 02 j 07:54	16°♒07'17	
morning set	-9690 May 06 j 16:46	24°♒33'40	
	-9690 May 09 j 10:38	0°♓	
superior conj	-9690 May 15 j 04:16	11°♓16'06	1°37'09
minimum elong	-9690 May 15 j 01:31	11°♓02'47	1°36'40
max. Earth dist.	-9690 May 21 j 11:36	23°♓07'23	1.38134 AU
evening rise	-9690 May 25 j 10:56	0°♈13'38	
	-9690 May 25 j 07:50	0°♈	
	-9690 Jun 13 j 02:32	0°♉	
desc. node	-9690 Jun 17 j 19:05	6°♉35'32	
evening max el	-9690 Jun 30 j 05:42	21°♉37'12	24°46'33
retrograde	-9690 Jul 11 j 17:36	28°♉22'36	
evening set	-9690 Jul 17 j 10:21	25°♉54'08	
min. Earth dist.	-9690 Jul 21 j 23:26	20°♉38'22	0.66971 AU
inferior conj	-9690 Jul 22 j 17:20	19°♉38'27	-2°00'31
minimum elong	-9690 Jul 22 j 19:38	19°♉30'48	1°59'22
morning rise	-9690 Jul 28 j 04:52	13°♉33'16	
asc. node	-9690 Jul 29 j 08:32	12°♉51'24	
direct	-9690 Jul 31 j 21:42	12°♉14'03	
morning max el	-9690 Aug 08 j 17:01	16°♉48'48	20°14'39
	-9690 Aug 18 j 22:13	0°♊	
morning set	-9690 Sep 04 j 15:22	25°♊19'55	
	-9690 Sep 07 j 15:15	0°♋	
desc. node	-9690 Sep 13 j 17:01	9°♋34'43	
max. Earth dist.	-9690 Sep 15 j 18:35	12°♋52'40	1.43699 AU
superior conj	-9690 Sep 20 j 23:06	21°♋16'40	-0°43'19
minimum elong	-9690 Sep 20 j 18:50	20°♋59'16	0°42'14
	-9690 Sep 26 j 05:33	0°♌	
evening rise	-9690 Oct 04 j 01:46	13°♌20'39	
	-9690 Oct 13 j 21:33	0°♍	
evening max el	-9690 Oct 21 j 18:37	10°♍46'41	18°12'50
asc. node	-9690 Oct 25 j 07:43	13°♍32'10	
retrograde	-9690 Oct 28 j 09:09	14°♍20'09	
evening set	-9690 Oct 31 j 02:10	13°♍42'35	
inferior conj	-9690 Nov 06 j 11:35	8°♍20'33	3°21'16
minimum elong	-9690 Nov 06 j 07:55	8°♍30'23	3°20'40
min. Earth dist.	-9690 Nov 08 j 21:35	5°♍46'03	0.63183 AU
morning rise	-9690 Nov 12 j 12:54	2°♍25'38	
	-9690 Nov 17 j 07:25	30°℞♌	
direct	-9690 Nov 19 j 13:59	29°♌43'36	
	-9690 Nov 21 j 22:22	0°♍	
morning max el	-9690 Dec 03 j 06:04	7°♍17'39	27°34'29
desc. node	-9690 Dec 10 j 17:55	15°♍44'12	
	-9690 Dec 20 j 20:00	0°♎	
morning set	-9689 Jan 06 j 08:26	29°♎24'18	
	-9689 Jan 06 j 15:32	0°♏	
max. Earth dist.	-9689 Jan 11 j 18:44	10°♏37'40	1.33382 AU
superior conj	-9689 Jan 13 j 22:16	15°♏12'52	-1°05'45
minimum elong	-9689 Jan 14 j 00:31	15°♏24'55	1°05'47
	-9689 Jan 20 j 19:45	0°♐	
evening rise	-9689 Jan 21 j 00:53	0°♐26'59	
asc. node	-9689 Jan 21 j 05:38	0°♐51'50	
	-9689 Feb 06 j 20:44	0°♑	
evening max el	-9689 Feb 13 j 12:20	7°♑35'49	23°25'57
retrograde	-9689 Feb 26 j 22:08	14°♑10'07	
evening set	-9689 Mar 02 j 15:44	13°♑39'32	
desc. node	-9689 Mar 08 j 18:37	10°♑58'46	
min. Earth dist.	-9689 Mar 10 j 00:24	10°♑15'40	0.55944 AU
inferior conj	-9689 Mar 11 j 18:02	9°♑13'39	-0°46'16
minimum elong	-9689 Mar 11 j 16:05	9°♑16'33	0°46'14
morning rise	-9689 Mar 20 j 18:52	5°♑11'19	
direct	-9689 Mar 23 j 01:01	4°♑58'36	
morning max el	-9689 Apr 02 j 14:05	9°♑56'30	20°13'13
	-9689 Apr 16 j 06:11	0°♒	
asc. node	-9689 Apr 19 j 04:50	5°♒43'52	
morning set	-9689 Apr 20 j 20:15	9°♒01'53	
superior conj	-9689 Apr 28 j 16:59	25°♒02'58	1°20'27
minimum elong	-9689 Apr 28 j 14:03	24°♒48'12	1°19'41
	-9689 May 01 j 04:40	0°♓	
max. Earth dist.	-9689 May 03 j 16:23	4°♓50'37	1.36415 AU
evening rise	-9689 May 07 j 20:03	12°♓38'56	
	-9689 May 17 j 20:18	0°♈	
desc. node	-9689 Jun 04 j 16:30	25°♈58'09	
	-9689 Jun 08 j 00:13	0°♉	
evening max el	-9689 Jun 12 j 15:36	5°♉00'57	25°58'25
retrograde	-9689 Jun 25 j 02:04	12°♉12'57	
evening set	-9689 Jul 01 j 08:55	9°♉30'08	
min. Earth dist.	-9689 Jul 05 j 13:09	4°♉53'24	0.66356 AU
inferior conj	-9689 Jul 06 j 19:38	3°♉16'22	-2°39'55
minimum elong	-9689 Jul 06 j 22:17	3°♉07'54	2°38'57
	-9689 Jul 09 j 12:35	30°℞♈	
morning rise	-9689 Jul 12 j 11:44	27°♈22'34	
direct	-9689 Jul 15 j 19:40	26°♈18'27	
asc. node	-9689 Jul 16 j 05:28	26°♈19'23	
	-9689 Jul 22 j 13:20	0°♉	
morning max el	-9689 Jul 22 j 21:50	0°♉21'27	19°16'08
	-9689 Aug 12 j 09:48	0°♊	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9689 Aug 15 j 00:28	4°♊06'56	
max. Earth dist.	-9689 Aug 29 j 10:05	26°♊49'44	1.44488 AU
superior conj	-9689 Aug 31 j 09:20	29°♊57'05	0°01'13
minimum elong	-9689 Aug 31 j 09:34	29°♊58'00	0°01'46
behind sun begin	-9689 Aug 30 j 22:19	29°♊13'18	
behind sun end	-9689 Aug 31 j 20:50	0°♋42'43	
	-9689 Aug 31 j 10:04	0°♋	
desc. node	-9689 Aug 31 j 14:07	0°♋16'03	
evening rise	-9689 Sep 15 j 12:38	24°♋22'51	
	-9689 Sep 18 j 22:44	0°♌	
evening max el	-9689 Oct 05 j 07:36	24°♌12'22	18°35'58
retrograde	-9689 Oct 12 j 00:18	27°♌56'23	
asc. node	-9689 Oct 12 j 04:56	27°♌56'10	
evening set	-9689 Oct 14 j 22:28	27°♌08'50	
inferior conj	-9689 Oct 20 j 22:53	21°♌30'09	2°36'52
minimum elong	-9689 Oct 20 j 19:34	21°♌39'54	2°36'14
min. Earth dist.	-9689 Oct 22 j 19:30	19°♌19'07	0.64603 AU
morning rise	-9689 Oct 26 j 16:08	15°♌23'55	
direct	-9689 Nov 02 j 09:40	12°♌37'42	
morning max el	-9689 Nov 15 j 15:51	20°♌10'31	27°07'15
	-9689 Nov 24 j 05:32	0°♍	
desc. node	-9689 Nov 27 j 14:39	4°♍30'17	
	-9689 Dec 13 j 19:47	0°♎	
morning set	-9689 Dec 21 j 00:10	13°♎17'51	
max. Earth dist.	-9689 Dec 25 j 17:44	22°♎44'04	1.34274 AU
superior conj	-9689 Dec 29 j 03:36	29°♎48'54	-1°22'50
minimum elong	-9689 Dec 29 j 05:55	0°♏01'01	1°22'48
	-9689 Dec 29 j 05:43	0°♏	
evening rise	-9688 Jan 05 j 11:23	15°♏17'04	
asc. node	-9688 Jan 08 j 02:53	20°♏42'25	
	-9688 Jan 12 j 23:33	0°♐	
evening max el	-9688 Jan 26 j 08:32	18°♐32'56	21°53'17
retrograde	-9688 Feb 07 j 15:16	24°♐24'08	
evening set	-9688 Feb 10 j 13:44	24°♐04'54	
inferior conj	-9688 Feb 19 j 17:18	20°♐00'40	1°01'43
minimum elong	-9688 Feb 19 j 19:59	19°♐56'52	1°00'18
min. Earth dist.	-9688 Feb 19 j 15:12	20°♐03'40	0.55391 AU
desc. node	-9688 Feb 23 j 15:38	17°♐52'36	
morning rise	-9688 Feb 29 j 02:37	15°♐55'36	
direct	-9688 Mar 02 j 16:30	15°♐40'38	
morning max el	-9688 Mar 14 j 21:04	21°♐30'54	21°33'51
	-9688 Mar 21 j 23:16	0°♑	
morning set	-9688 Apr 04 j 04:48	23°♑49'40	
asc. node	-9688 Apr 05 j 01:48	25°♑38'25	
	-9688 Apr 07 j 03:52	0°♒	
superior conj	-9688 Apr 11 j 15:15	9°♒22'02	0°59'56
minimum elong	-9688 Apr 11 j 12:49	9°♒09'21	0°59'03
max. Earth dist.	-9688 Apr 15 j 05:57	16°♒46'08	1.35002 AU
evening rise	-9688 Apr 19 j 22:39	26°♒00'05	
	-9688 Apr 22 j 01:29	0°♓	
	-9688 May 10 j 05:35	0°♈	
desc. node	-9688 May 21 j 13:53	14°♈39'20	
evening max el	-9688 May 25 j 02:16	18°♈21'17	26°53'02
retrograde	-9688 Jun 07 j 05:45	25°♈48'29	
evening set	-9688 Jun 13 j 23:42	23°♈00'17	
min. Earth dist.	-9688 Jun 17 j 20:31	19°♈02'10	0.65355 AU
inferior conj	-9688 Jun 19 j 16:53	16°♈50'39	-3°11'52
minimum elong	-9688 Jun 19 j 19:24	16°♈43'11	3°11'16
morning rise	-9688 Jun 25 j 15:24	11°♈10'59	
direct	-9688 Jun 28 j 16:23	10°♈19'32	
asc. node	-9688 Jul 02 j 02:21	11°♈21'41	
morning max el	-9688 Jul 05 j 07:56	13°♈59'33	18°33'24
	-9688 Jul 16 j 18:17	0°♉	
morning set	-9688 Jul 25 j 07:47	13°♉56'44	

	-9688 Aug 04 j 05:53	0°♊	
superior conj	-9688 Aug 09 j 08:52	8°♊09'43	0°47'34
minimum elong	-9688 Aug 09 j 14:20	8°♊31'22	0°47'26
max. Earth dist.	-9688 Aug 11 j 02:51	10°♊55'59	1.44578 AU
desc. node	-9688 Aug 17 j 11:13	20°♊57'11	
	-9688 Aug 23 j 04:57	0°♋	
evening rise	-9688 Aug 25 j 20:52	4°♋12'10	
	-9688 Sep 11 j 14:39	0°♌	
evening max el	-9688 Sep 17 j 17:48	7°♌40'26	19°16'06
retrograde	-9688 Sep 24 j 19:30	11°♌43'18	
evening set	-9688 Sep 28 j 01:11	10°♌42'41	
asc. node	-9688 Sep 28 j 02:08	10°♌41'12	
inferior conj	-9688 Oct 03 j 18:16	4°♌50'40	1°47'06
minimum elong	-9688 Oct 03 j 15:51	4°♌58'16	1°46'43
min. Earth dist.	-9688 Oct 05 j 02:16	3°♌09'27	0.65717 AU
	-9688 Oct 07 j 19:18	30°℞♋	
morning rise	-9688 Oct 09 j 06:10	28°♋36'31	
direct	-9688 Oct 15 j 11:37	25°♋57'09	
	-9688 Oct 24 j 10:16	0°♌	
morning max el	-9688 Oct 28 j 01:53	3°♌18'19	26°12'45
desc. node	-9688 Nov 13 j 11:20	23°♌55'22	
	-9688 Nov 17 j 12:38	0°♍	
morning set	-9688 Dec 03 j 02:45	26°♍26'45	
	-9688 Dec 05 j 00:06	0°♎	
max. Earth dist.	-9688 Dec 07 j 05:28	4°♎16'50	1.35601 AU
superior conj	-9688 Dec 12 j 02:26	14°♎00'20	-1°35'39
minimum elong	-9688 Dec 12 j 04:14	14°♎09'29	1°35'36
evening rise	-9688 Dec 19 j 19:09	29°♎52'54	
	-9688 Dec 19 j 20:32	0°♏	
asc. node	-9688 Dec 25 j 00:08	10°♏12'40	
evening max el	-9687 Jan 07 j 12:47	29°♏55'45	20°30'53
	-9687 Jan 07 j 14:36	0°♐	
retrograde	-9687 Jan 18 j 06:10	4°♐57'52	
evening set	-9687 Jan 20 j 20:22	4°♐41'27	
inferior conj	-9687 Jan 29 j 15:24	0°♐42'44	2°41'04
minimum elong	-9687 Jan 29 j 21:01	0°♐34'25	2°39'08
	-9687 Jan 30 j 20:17	30°℞♏	
min. Earth dist.	-9687 Jan 31 j 05:18	29°♏46'45	0.55728 AU
morning rise	-9687 Feb 07 j 20:01	26°♏19'13	
desc. node	-9687 Feb 09 j 12:34	25°♏59'31	
direct	-9687 Feb 11 j 08:15	25°♏52'07	
	-9687 Feb 21 j 20:52	0°♐	
morning max el	-9687 Feb 24 j 17:46	2°♐28'22	23°07'40
	-9687 Mar 15 j 07:43	0°♑	
morning set	-9687 Mar 19 j 16:13	8°♑49'08	
asc. node	-9687 Mar 22 j 22:46	15°♑44'46	
superior conj	-9687 Mar 26 j 19:59	24°♑02'56	0°37'14
minimum elong	-9687 Mar 26 j 18:25	23°♑54'33	0°36'23
max. Earth dist.	-9687 Mar 29 j 05:39	29°♑07'37	1.33942 AU
	-9687 Mar 29 j 15:40	0°♒	
evening rise	-9687 Apr 03 j 13:45	10°♒01'14	
	-9687 Apr 14 j 11:09	0°♓	
	-9687 May 06 j 01:39	0°♈	
evening max el	-9687 May 07 j 12:59	1°♈28'44	27°22'51
desc. node	-9687 May 08 j 11:15	2°♈21'35	
retrograde	-9687 May 21 j 03:56	9°♈00'48	
evening set	-9687 May 28 j 03:43	6°♈19'34	
min. Earth dist.	-9687 May 31 j 19:44	2°♈55'41	0.63960 AU
inferior conj	-9687 Jun 03 j 06:35	0°♈16'51	-3°33'44
minimum elong	-9687 Jun 03 j 08:17	0°♈12'16	3°33'37
	-9687 Jun 03 j 12:49	30°℞♓	
morning rise	-9687 Jun 09 j 13:34	24°♓53'50	
direct	-9687 Jun 12 j 09:20	24°♓12'51	
asc. node	-9687 Jun 18 j 23:12	27°♓44'13	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9687 Jun 18 j 21:11	27°♓39'09	18°08'00	
	-9687 Jun 20 j 23:40	0°♈		
morning set	-9687 Jul 06 j 16:53	24°♈59'21		
	-9687 Jul 09 j 15:27	0°♉		
superior conj	-9687 Jul 19 j 20:16	16°♉59'04	1°23'53	
minimum elong	-9687 Jul 20 j 02:29	17°♉24'26	1°23'43	
max. Earth dist.	-9687 Jul 24 j 18:16	24°♉55'16	1.43972 AU	
	-9687 Jul 27 j 22:53	0°♊		
desc. node	-9687 Aug 04 j 08:25	11°♊35'41		
evening rise	-9687 Aug 05 j 05:30	12°♊57'31		
	-9687 Aug 16 j 08:35	0°♋		
evening max el	-9687 Aug 31 j 22:59	21°♋08'10	20°11'40	
retrograde	-9687 Sep 08 j 16:11	25°♋38'05		
evening set	-9687 Sep 12 j 07:44	24°♋21'07		
asc. node	-9687 Sep 14 j 23:15	21°♋53'01		
inferior conj	-9687 Sep 17 j 19:15	18°♋18'51	0°55'00	
minimum elong	-9687 Sep 17 j 17:59	18°♋23'03	0°55'04	
min. Earth dist.	-9687 Sep 18 j 15:43	17°♋10'43	0.66527 AU	
morning rise	-9687 Sep 23 j 03:59	12°♋00'24		
direct	-9687 Sep 28 j 19:13	9°♋35'31		
morning max el	-9687 Oct 10 j 11:13	16°♋31'38	24°59'24	
	-9687 Oct 21 j 16:50	0°♌		
desc. node	-9687 Oct 31 j 08:04	13°♌48'19		
	-9687 Nov 10 j 11:27	0°♍		
morning set	-9687 Nov 15 j 11:10	8°♍36'45		
max. Earth dist.	-9687 Nov 19 j 07:10	15°♍32'34	1.37334 AU	
superior conj	-9687 Nov 25 j 15:43	27°♍38'17	-1°42'31	
minimum elong	-9687 Nov 25 j 16:17	27°♍41'03	1°42'25	
	-9687 Nov 26 j 20:33	0°♎		
evening rise	-9687 Dec 03 j 22:12	14°♎08'59		
asc. node	-9687 Dec 11 j 21:24	29°♎15'18		
	-9687 Dec 12 j 07:52	0°♏		
evening max el	-9687 Dec 21 j 03:10	11°♏52'17	19°25'17	
retrograde	-9687 Dec 30 j 06:59	16°♏12'18		
evening set	-9686 Jan 01 j 19:22	15°♏54'12		
inferior conj	-9686 Jan 10 j 01:02	11°♏45'03	3°47'13	
minimum elong	-9686 Jan 10 j 05:23	11°♏37'52	3°46'12	
min. Earth dist.	-9686 Jan 12 j 19:06	9°♏56'24	0.56862 AU	
morning rise	-9686 Jan 18 j 13:10	6°♏56'30		
direct	-9686 Jan 23 j 09:25	6°♏02'56		
desc. node	-9686 Jan 27 j 09:26	6°♏40'03		
morning max el	-9686 Feb 06 j 08:41	13°♏07'40	24°44'31	
	-9686 Feb 19 j 10:11	0°♐		
morning set	-9686 Mar 04 j 04:41	23°♐53'55		
	-9686 Mar 07 j 01:29	0°♑		
asc. node	-9686 Mar 09 j 19:46	5°♑58'27		
superior conj	-9686 Mar 11 j 04:54	8°♑57'59	0°13'34	
minimum elong	-9686 Mar 11 j 04:20	8°♑54'56	0°12'52	
behind sun begin	-9686 Mar 11 j 01:23	8°♑38'58		
behind sun end	-9686 Mar 11 j 07:17	9°♑10'53		
max. Earth dist.	-9686 Mar 12 j 13:34	11°♑54'21	1.33229 AU	
evening rise	-9686 Mar 18 j 13:35	24°♑30'09		
	-9686 Mar 21 j 07:47	0°♒		
	-9686 Apr 08 j 02:58	0°♓		
evening max el	-9686 Apr 19 j 21:32	14°♓10'34	27°22'03	
desc. node	-9686 Apr 25 j 08:35	18°♓40'11		
retrograde	-9686 May 03 j 19:28	21°♓40'51		
evening set	-9686 May 10 j 17:27	19°♓20'03		
min. Earth dist.	-9686 May 14 j 09:39	16°♓20'59	0.62218 AU	
inferior conj	-9686 May 17 j 09:42	13°♓28'03	-3°41'38	
minimum elong	-9686 May 17 j 09:48	13°♓27'49	3°41'52	
morning rise	-9686 May 24 j 03:31	8°♓23'55		
direct	-9686 May 26 j 19:18	7°♓51'44		
morning max el	-9686 Jun 02 j 11:08	11°♓14'22	18°00'51	
asc. node	-9686 Jun 05 j 20:00	15°♓10'31		
	-9686 Jun 15 j 00:50	0°♈		
morning set	-9686 Jun 19 j 00:23	7°♈06'05		
superior conj	-9686 Jun 30 j 09:10	27°♈03'38	1°44'20	
minimum elong	-9686 Jun 30 j 12:22	27°♈17'16	1°44'24	
	-9686 Jul 02 j 02:47	0°♉		
max. Earth dist.	-9686 Jul 07 j 05:44	8°♉30'28	1.42751 AU	
evening rise	-9686 Jul 15 j 06:42	21°♉22'47		
	-9686 Jul 20 j 20:16	0°♊		
desc. node	-9686 Jul 22 j 05:43	2°♊07'32		
	-9686 Aug 10 j 21:10	0°♋		
evening max el	-9686 Aug 14 j 21:34	4°♋32'43	21°20'26	
retrograde	-9686 Aug 23 j 12:24	9°♋37'49		
evening set	-9686 Aug 27 j 16:00	8°♋01'30		
inferior conj	-9686 Sep 01 j 23:43	1°♋51'55	0°02'46	
minimum elong	-9686 Sep 01 j 23:39	1°♋52'10	0°03'19	
transit middle	-9686 Sep 01 j 23:39	1°♋52'10	0°03'19	
transit begin	-9686 Sep 01 j 20:59	2°♋01'16		
transit end	-9686 Sep 02 j 02:18	1°♋43'04		
asc. node	-9686 Sep 01 j 20:19	2°♋03'34		
min. Earth dist.	-9686 Sep 02 j 09:28	1°♋18'27	0.67037 AU	
	-9686 Sep 03 j 08:37	30°℞♊		
morning rise	-9686 Sep 07 j 07:09	25°♊32'45		
direct	-9686 Sep 12 j 07:42	23°♊26'20		
morning max el	-9686 Sep 22 j 21:02	29°♊46'10	23°36'23	
	-9686 Sep 23 j 02:28	0°♋		
	-9686 Oct 15 j 14:07	0°♌		
desc. node	-9686 Oct 18 j 04:50	4°♌00'45		
morning set	-9686 Oct 27 j 19:51	19°♌33'45		
max. Earth dist.	-9686 Nov 01 j 05:01	27°♌04'48	1.39313 AU	
	-9686 Nov 02 j 20:47	0°♍		
superior conj	-9686 Nov 08 j 15:22	10°♍31'02	-1°41'16	
minimum elong	-9686 Nov 08 j 13:57	10°♍24'27	1°40'58	
evening rise	-9686 Nov 17 j 18:12	27°♍59'10		
	-9686 Nov 18 j 19:12	0°♎		
asc. node	-9686 Nov 28 j 18:41	17°♎41'13		
evening max el	-9686 Dec 04 j 03:01	24°♎20'29	18°39'22	
retrograde	-9686 Dec 12 j 01:24	28°♎12'02		
evening set	-9686 Dec 14 j 13:35	27°♎50'19		
inferior conj	-9686 Dec 22 j 05:17	23°♎21'50	4°14'05	
minimum elong	-9686 Dec 22 j 06:09	23°♎20'12	4°13'53	
min. Earth dist.	-9686 Dec 25 j 10:54	20°♎54'39	0.58521 AU	
morning rise	-9686 Dec 29 j 20:49	18°♎09'46		
direct	-9685 Jan 04 j 22:09	16°♎39'09		
desc. node	-9685 Jan 14 j 06:12	20°♎01'08		
morning max el	-9685 Jan 19 j 00:46	23°♎58'17	26°09'50	
	-9685 Jan 24 j 12:51	0°♏		
	-9685 Feb 12 j 06:27	0°♐		
morning set	-9685 Feb 16 j 16:29	8°♐57'43		
superior conj	-9685 Feb 23 j 16:07	24°♐00'43	-0°10'09	
minimum elong	-9685 Feb 23 j 16:34	24°♐03'11	0°10'38	
behind sun begin	-9685 Feb 23 j 12:51	23°♐42'53		
behind sun end	-9685 Feb 23 j 20:17	24°♐23'29		
max. Earth dist.	-9685 Feb 24 j 02:15	24°♐56'00	1.32836 AU	
asc. node	-9685 Feb 24 j 16:50	26°♐15'28		
	-9685 Feb 26 j 10:12	0°♑		
evening rise	-9685 Mar 02 j 19:18	9°♑17'12		
	-9685 Mar 13 j 17:18	0°♒		
evening max el	-9685 Apr 02 j 01:26	26°♒16'54	26°48'26	
	-9685 Apr 06 j 11:10	0°♓		
desc. node	-9685 Apr 12 j 05:51	3°♓03'32		
retrograde	-9685 Apr 16 j 03:19	3°♓41'59		
evening set	-9685 Apr 22 j 13:33	1°♓52'45		
	-9685 Apr 25 j 10:03	30°℞♒		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9685 Apr 26 j 14:32	29°♒04'44	0.60251 AU
inferior conj	-9685 Apr 29 j 22:45	26°♒16'43	-3°30'00
minimum elong	-9685 Apr 29 j 20:40	26°♒21'07	3°30'10
morning rise	-9685 May 07 j 06:03	21°♒33'05	
direct	-9685 May 09 j 18:22	21°♒08'31	
morning max el	-9685 May 16 j 23:15	24°♒39'19	18°12'36
	-9685 May 21 j 09:58	0°♓	
asc. node	-9685 May 23 j 16:50	3°♓27'03	
morning set	-9685 Jun 02 j 01:25	20°♓05'47	
	-9685 Jun 07 j 08:59	0°♈	
superior conj	-9685 Jun 12 j 00:44	8°♈28'38	1°49'55
minimum elong	-9685 Jun 12 j 00:37	8°♈28'03	1°49'55
max. Earth dist.	-9685 Jun 19 j 11:30	21°♈27'18	1.41084 AU
evening rise	-9685 Jun 24 j 22:31	0°♉30'33	
	-9685 Jun 24 j 15:01	0°♉	
desc. node	-9685 Jul 09 j 03:04	22°♉28'35	
	-9685 Jul 14 j 08:10	0°♊	
evening max el	-9685 Jul 28 j 13:33	17°♊54'16	22°38'37
retrograde	-9685 Aug 07 j 06:43	23°♊40'08	
evening set	-9685 Aug 12 j 00:04	21°♊42'49	
inferior conj	-9685 Aug 17 j 05:53	15°♊28'37	-0°47'49
minimum elong	-9685 Aug 17 j 06:54	15°♊25'08	0°46'52
min. Earth dist.	-9685 Aug 17 j 05:14	15°♊30'52	0.67252 AU
asc. node	-9685 Aug 19 j 17:20	12°♊10'16	
morning rise	-9685 Aug 22 j 13:38	9°♊12'11	
direct	-9685 Aug 27 j 00:25	7°♊25'13	
morning max el	-9685 Sep 05 j 10:01	13°♊03'19	22°12'22
	-9685 Sep 18 j 18:36	0°♋	
desc. node	-9685 Oct 05 j 01:41	24°♋26'54	
morning set	-9685 Oct 08 j 01:32	29°♋12'36	
	-9685 Oct 08 j 13:20	0°♌	
max. Earth dist.	-9685 Oct 14 j 05:53	9°♌20'25	1.41277 AU
superior conj	-9685 Oct 21 j 20:06	22°♌24'47	-1°29'16
minimum elong	-9685 Oct 21 j 16:22	22°♌08'16	1°28'36
	-9685 Oct 26 j 01:29	0°♍	
evening rise	-9685 Nov 01 j 04:05	11°♍16'22	
	-9685 Nov 11 j 19:14	0°♎	
asc. node	-9685 Nov 15 j 15:59	5°♎18'58	
evening max el	-9685 Nov 17 j 10:14	7°♎14'08	18°13'41
retrograde	-9685 Nov 24 j 13:16	10°♎50'16	
evening set	-9685 Nov 27 j 02:03	10°♎23'49	
inferior conj	-9685 Dec 04 j 04:53	5°♎33'43	4°09'09
minimum elong	-9685 Dec 04 j 02:49	5°♎38'16	4°09'00
min. Earth dist.	-9685 Dec 07 j 08:26	2°♎48'06	0.60398 AU
morning rise	-9685 Dec 11 j 02:09	0°♎02'05	
	-9685 Dec 11 j 03:31	30°♑℞	
direct	-9685 Dec 17 j 21:48	27°♍54'42	
	-9685 Dec 24 j 24:00	0°♎	
morning max el	-9685 Dec 31 j 22:41	5°♎22'28	27°09'31
desc. node	-9684 Jan 01 j 02:56	5°♎32'45	
	-9684 Jan 19 j 08:16	0°♏	
morning set	-9684 Feb 01 j 01:44	23°♏52'36	
	-9684 Feb 03 j 23:29	0°♐	
max. Earth dist.	-9684 Feb 07 j 15:48	7°♐57'54	1.32766 AU
superior conj	-9684 Feb 08 j 03:55	9°♐04'01	-0°33'06
minimum elong	-9684 Feb 08 j 05:16	9°♐11'21	0°33'21
asc. node	-9684 Feb 11 j 13:58	16°♐30'58	
evening rise	-9684 Feb 15 j 04:38	24°♐13'17	
	-9684 Feb 18 j 00:13	0°♑	
	-9684 Mar 07 j 02:25	0°♒	
evening max el	-9684 Mar 13 j 23:25	7°♒44'03	25°44'49
retrograde	-9684 Mar 28 j 01:56	14°♒59'02	
desc. node	-9684 Mar 29 j 03:02	14°♒56'22	
evening set	-9684 Apr 02 j 14:04	13°♒45'57	

min. Earth dist.	-9684 Apr 07 j 12:27	10°♒53'35	0.58278 AU
inferior conj	-9684 Apr 10 j 18:04	8°♒32'52	-2°51'42
minimum elong	-9684 Apr 10 j 14:08	8°♒40'04	2°51'23
morning rise	-9684 Apr 18 j 17:23	4°♒09'23	
direct	-9684 Apr 21 j 02:01	3°♒51'17	
morning max el	-9684 Apr 29 j 06:36	7°♒44'30	18°43'50
asc. node	-9684 May 09 j 13:41	22°♒21'34	
	-9684 May 13 j 16:23	0°♓	
morning set	-9684 May 15 j 15:28	3°♓46'53	
superior conj	-9684 May 24 j 14:02	21°♓00'28	1°44'11
minimum elong	-9684 May 24 j 11:51	20°♓50'11	1°43'54
	-9684 May 29 j 11:03	0°♈	
max. Earth dist.	-9684 May 31 j 12:19	3°♈40'15	1.39205 AU
evening rise	-9684 Jun 04 j 16:50	10°♈56'48	
	-9684 Jun 16 j 11:50	0°♉	
desc. node	-9684 Jun 25 j 00:27	12°♉33'13	
	-9684 Jul 08 j 19:40	0°♊	
evening max el	-9684 Jul 10 j 00:52	1°♊15'14	24°00'38
retrograde	-9684 Jul 20 j 21:58	7°♊41'32	
evening set	-9684 Jul 26 j 06:05	5°♊23'38	
	-9684 Jul 30 j 20:36	30°℞♉	
inferior conj	-9684 Jul 31 j 11:59	29°♉07'35	-1°35'15
minimum elong	-9684 Jul 31 j 13:54	29°♉01'05	1°34'06
min. Earth dist.	-9684 Jul 31 j 00:38	29°♉46'20	0.67161 AU
morning rise	-9684 Aug 05 j 21:40	22°♉57'13	
asc. node	-9684 Aug 05 j 14:19	23°♉11'36	
direct	-9684 Aug 09 j 20:23	21°♉28'33	
morning max el	-9684 Aug 18 j 04:31	26°♉25'31	20°54'29
	-9684 Aug 21 j 08:37	0°♊	
	-9684 Sep 11 j 07:13	0°♋	
morning set	-9684 Sep 16 j 09:07	7°♋51'11	
desc. node	-9684 Sep 20 j 22:38	15°♋02'08	
max. Earth dist.	-9684 Sep 25 j 12:41	22°♋23'43	1.42950 AU
	-9684 Sep 30 j 03:51	0°♌	
superior conj	-9684 Oct 02 j 00:11	3°♌05'13	-1°04'06
minimum elong	-9684 Oct 01 j 19:14	2°♌44'22	1°03'02
evening rise	-9684 Oct 13 j 23:49	23°♌51'15	
	-9684 Oct 17 j 11:06	0°♍	
evening max el	-9684 Oct 30 j 22:04	20°♍26'16	18°07'46
asc. node	-9684 Nov 01 j 13:17	21°♍54'37	
retrograde	-9684 Nov 06 j 14:54	23°♍57'56	
evening set	-9684 Nov 09 j 05:47	23°♍25'09	
inferior conj	-9684 Nov 15 j 21:09	18°♍14'22	3°42'50
minimum elong	-9684 Nov 15 j 17:41	18°♍23'04	3°42'22
min. Earth dist.	-9684 Nov 18 j 14:42	15°♍30'50	0.62226 AU
morning rise	-9684 Nov 22 j 04:33	12°♍27'01	
direct	-9684 Nov 29 j 06:38	9°♍53'11	
morning max el	-9684 Dec 13 j 02:49	17°♍26'35	27°35'24
desc. node	-9684 Dec 17 j 23:40	22°♍40'56	
	-9684 Dec 23 j 17:18	0°♎	
	-9683 Jan 10 j 22:48	0°♏	
morning set	-9683 Jan 15 j 06:19	8°♏31'02	
max. Earth dist.	-9683 Jan 21 j 02:27	20°♏46'28	1.33047 AU
superior conj	-9683 Jan 22 j 14:41	24°♏02'04	-0°54'29
minimum elong	-9683 Jan 22 j 16:41	24°♏12'57	0°54'34
	-9683 Jan 25 j 08:40	0°♐	
asc. node	-9683 Jan 28 j 11:10	6°♐40'41	
evening rise	-9683 Jan 29 j 15:46	9°♐11'56	
	-9683 Feb 09 j 13:39	0°♑	
evening max el	-9683 Feb 23 j 17:09	18°♑42'27	24°19'43
retrograde	-9683 Mar 09 j 12:53	25°♑36'01	
evening set	-9683 Mar 13 j 21:09	24°♑53'40	
desc. node	-9683 Mar 16 j 00:09	24°♑04'22	
min. Earth dist.	-9683 Mar 20 j 06:17	21°♑44'17	0.56621 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

inferior conj	-9683 Mar 22 j 17:33	20°♉10'18	-1°40'59
minimum elong	-9683 Mar 22 j 13:54	20°♉16'06	1°40'30
morning rise	-9683 Mar 31 j 09:44	16°♉02'32	
direct	-9683 Apr 02 j 15:28	15°♉48'52	
morning max el	-9683 Apr 12 j 06:10	20°♉19'54	19°34'56
	-9683 Apr 19 j 19:54	0°♒	
asc. node	-9683 Apr 26 j 10:34	11°♒44'51	
morning set	-9683 Apr 29 j 14:54	18°♒00'09	
	-9683 May 05 j 14:20	0°♓	
superior conj	-9683 May 07 j 19:32	4°♓23'37	1°30'39
minimum elong	-9683 May 07 j 16:36	4°♓09'09	1°30'03
max. Earth dist.	-9683 May 13 j 13:30	15°♓25'18	1.37370 AU
evening rise	-9683 May 17 j 13:19	22°♓42'59	
	-9683 May 21 j 17:17	0°♈	
	-9683 Jun 10 j 05:53	0°♉	
desc. node	-9683 Jun 11 j 21:52	2°♉14'04	
evening max el	-9683 Jun 22 j 10:41	14°♉38'41	25°18'46
retrograde	-9683 Jul 04 j 09:10	21°♉37'23	
evening set	-9683 Jul 10 j 07:59	19°♉02'10	
min. Earth dist.	-9683 Jul 14 j 17:12	14°♉02'34	0.66749 AU
inferior conj	-9683 Jul 15 j 16:14	12°♉46'49	-2°18'02
minimum elong	-9683 Jul 15 j 18:44	12°♉38'36	2°16'56
morning rise	-9683 Jul 21 j 05:29	6°♉45'51	
asc. node	-9683 Jul 23 j 11:16	5°♉42'55	
direct	-9683 Jul 24 j 18:13	5°♉33'23	
morning max el	-9683 Aug 01 j 05:34	9°♉54'01	19°47'51
	-9683 Aug 15 j 22:18	0°♊	
morning set	-9683 Aug 26 j 11:30	16°♊17'57	
	-9683 Sep 04 j 05:16	0°♋	
desc. node	-9683 Sep 07 j 19:39	5°♋42'08	
max. Earth dist.	-9683 Sep 08 j 01:20	6°♋04'48	1.44115 AU
superior conj	-9683 Sep 12 j 00:25	12°♋25'22	-0°25'25
minimum elong	-9683 Sep 11 j 21:37	12°♋14'05	0°24'29
	-9683 Sep 22 j 17:29	0°♌	
evening rise	-9683 Sep 26 j 00:13	5°♌30'40	
	-9683 Oct 11 j 06:24	0°♍	
evening max el	-9683 Oct 14 j 11:31	3°♍48'52	18°20'34
asc. node	-9683 Oct 19 j 10:33	7°♍11'06	
retrograde	-9683 Oct 21 j 02:03	7°♍25'32	
evening set	-9683 Oct 23 j 21:01	6°♍44'06	
inferior conj	-9683 Oct 30 j 02:26	1°♍14'55	3°03'18
minimum elong	-9683 Oct 29 j 22:49	1°♍25'00	3°02'39
	-9683 Oct 31 j 05:11	30°℞♌	
min. Earth dist.	-9683 Nov 01 j 06:51	28°♌49'06	0.63830 AU
morning rise	-9683 Nov 04 j 23:57	25°♌14'55	
direct	-9683 Nov 11 j 22:45	22°♌29'12	
	-9683 Nov 25 j 09:28	0°♍	
morning max el	-9683 Nov 25 j 10:59	0°♍03'42	27°26'31
desc. node	-9683 Dec 04 j 20:23	10°♍57'06	
	-9683 Dec 17 j 15:22	0°♎	
morning set	-9683 Dec 30 j 03:37	22°♎43'26	
	-9682 Jan 02 j 18:00	0°♏	
max. Earth dist.	-9682 Jan 04 j 06:30	3°♏09'38	1.33710 AU
superior conj	-9682 Jan 06 j 22:33	8°♏47'55	-1°13'27
minimum elong	-9682 Jan 07 j 00:53	9°♏00'20	1°13'26
evening rise	-9682 Jan 14 j 02:57	24°♏06'33	
asc. node	-9682 Jan 15 j 08:24	26°♏39'39	
	-9682 Jan 16 j 23:44	0°♐	
evening max el	-9682 Feb 05 j 10:59	29°♐33'15	22°45'55
	-9682 Feb 05 j 22:33	0°♑	
retrograde	-9682 Feb 18 j 10:56	5°♑50'02	
evening set	-9682 Feb 21 j 18:57	5°♑25'48	
min. Earth dist.	-9682 Mar 01 j 21:49	1°♑48'04	0.55601 AU
inferior conj	-9682 Mar 02 j 23:17	1°♑11'14	-0°01'22
minimum elong	-9682 Mar 02 j 23:12	1°♑11'22	0°01'55
transit middle	-9682 Mar 02 j 23:12	1°♑11'22	0°01'55
transit begin	-9682 Mar 02 j 19:09	1°♑17'13	
transit end	-9682 Mar 03 j 03:15	1°♑05'30	
desc. node	-9682 Mar 02 j 21:12	1°♑14'15	
	-9682 Mar 05 j 01:21	30°℞♐	
morning rise	-9682 Mar 12 j 04:58	27°♐09'21	
direct	-9682 Mar 14 j 13:01	26°♐56'25	
	-9682 Mar 23 j 01:36	0°♑	
morning max el	-9682 Mar 25 j 19:24	2°♑16'56	20°45'30
	-9682 Apr 12 j 13:46	0°♒	
asc. node	-9682 Apr 13 j 07:29	1°♒29'42	
morning set	-9682 Apr 13 j 20:49	2°♒37'33	
superior conj	-9682 Apr 21 j 12:41	18°♒25'14	1°12'06
minimum elong	-9682 Apr 21 j 09:54	18°♒11'00	1°11'16
max. Earth dist.	-9682 Apr 25 j 21:43	27°♒11'43	1.35771 AU
	-9682 Apr 27 j 08:15	0°♓	
evening rise	-9682 Apr 30 j 06:33	5°♓34'21	
	-9682 May 14 j 12:25	0°♈	
desc. node	-9682 May 29 j 19:16	21°♈21'12	
evening max el	-9682 Jun 04 j 21:10	28°♈03'17	26°24'22
	-9682 Jun 06 j 23:07	0°♉	
retrograde	-9682 Jun 17 j 15:36	5°♉22'35	
evening set	-9682 Jun 24 j 03:33	2°♉36'31	
	-9682 Jun 26 j 17:33	30°℞♈	
min. Earth dist.	-9682 Jun 28 j 04:33	28°♈16'15	0.65977 AU
inferior conj	-9682 Jun 29 j 16:40	26°♈24'21	-2°54'31
minimum elong	-9682 Jun 29 j 19:20	26°♈16'04	2°53'41
morning rise	-9682 Jul 05 j 11:14	20°♈35'58	
direct	-9682 Jul 08 j 16:04	19°♈37'21	
asc. node	-9682 Jul 10 j 08:09	19°♈52'47	
morning max el	-9682 Jul 15 j 12:47	23°♈29'27	18°55'54
	-9682 Jul 20 j 19:18	0°♉	
morning set	-9682 Aug 06 j 05:03	25°♉29'40	
	-9682 Aug 09 j 00:50	0°♊	
superior conj	-9682 Aug 22 j 03:35	20°♊47'09	0°21'23
minimum elong	-9682 Aug 22 j 06:18	20°♊57'55	0°21'36
max. Earth dist.	-9682 Aug 21 j 18:03	20°♊09'27	1.44622 AU
desc. node	-9682 Aug 25 j 16:45	26°♊24'07	
	-9682 Aug 27 j 23:11	0°♋	
evening rise	-9682 Sep 07 j 00:04	16°♋02'58	
	-9682 Sep 15 j 16:21	0°♌	
evening max el	-9682 Sep 27 j 23:42	17°♌16'37	18°51'00
retrograde	-9682 Oct 04 j 19:12	21°♌07'09	
asc. node	-9682 Oct 06 j 07:46	20°♌53'56	
evening set	-9682 Oct 07 j 20:23	20°♌14'18	
inferior conj	-9682 Oct 13 j 17:28	14°♌29'33	2°16'10
minimum elong	-9682 Oct 13 j 14:30	14°♌38'35	2°15'36
min. Earth dist.	-9682 Oct 15 j 08:34	12°♌30'53	0.65128 AU
morning rise	-9682 Oct 19 j 08:12	8°♌19'49	
direct	-9682 Oct 25 j 21:07	5°♌35'26	
morning max el	-9682 Nov 07 j 20:56	13°♌03'46	26°46'48
desc. node	-9682 Nov 21 j 17:05	0°♍01'25	
	-9682 Nov 21 j 16:41	0°♍	
	-9682 Dec 10 j 05:04	0°♎	
morning set	-9682 Dec 13 j 14:14	6°♎19'06	
max. Earth dist.	-9682 Dec 18 j 00:51	15°♎00'59	1.34794 AU
superior conj	-9682 Dec 22 j 01:26	23°♎14'25	-1°28'54
minimum elong	-9682 Dec 22 j 03:36	23°♎25'40	1°28'51
	-9682 Dec 25 j 06:58	0°♏	
evening rise	-9682 Dec 29 j 12:29	8°♏51'16	
asc. node	-9681 Jan 02 j 05:40	16°♏22'25	
	-9681 Jan 09 j 21:57	0°♐	
evening max el	-9681 Jan 18 j 10:10	10°♐39'16	21°16'23

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9681 Jan 30 j 01:16	16°♐09'01	
evening set	-9681 Feb 01 j 19:20	15°♐51'37	
inferior conj	-9681 Feb 10 j 20:13	11°♐52'01	1°46'49
minimum elong	-9681 Feb 11 j 00:36	11°♐45'45	1°44'57
min. Earth dist.	-9681 Feb 11 j 11:54	11°♐29'38	0.55430 AU
desc. node	-9681 Feb 17 j 18:11	8°♐23'57	
morning rise	-9681 Feb 20 j 05:19	7°♐41'03	
direct	-9681 Feb 23 j 03:15	7°♐22'20	
morning max el	-9681 Mar 07 j 21:29	13°♐33'15	22°12'45
	-9681 Mar 20 j 03:31	0°♑	
morning set	-9681 Mar 29 j 06:47	17°♑31'06	
asc. node	-9681 Mar 31 j 04:25	21°♑29'43	
	-9681 Apr 04 j 04:54	0°♒	
superior conj	-9681 Apr 05 j 13:58	2°♒54'13	0°50'29
minimum elong	-9681 Apr 05 j 11:52	2°♒43'10	0°49'36
max. Earth dist.	-9681 Apr 08 j 15:58	9°♒18'50	1.34505 AU
evening rise	-9681 Apr 13 j 14:57	19°♒13'49	
	-9681 Apr 19 j 09:05	0°♓	
	-9681 May 08 j 13:53	0°♈	
desc. node	-9681 May 16 j 16:39	9°♈39'49	
evening max el	-9681 May 18 j 08:06	11°♈19'36	27°09'12
retrograde	-9681 May 31 j 16:43	18°♈49'09	
evening set	-9681 Jun 07 j 14:05	16°♈02'19	
min. Earth dist.	-9681 Jun 11 j 08:29	12°♈19'45	0.64810 AU
inferior conj	-9681 Jun 13 j 11:00	9°♈55'36	-3°22'34
minimum elong	-9681 Jun 13 j 13:15	9°♈49'08	3°22'12
morning rise	-9681 Jun 19 j 12:51	4°♈22'47	
direct	-9681 Jun 22 j 11:32	3°♈35'53	
asc. node	-9681 Jun 27 j 04:58	5°♈31'00	
morning max el	-9681 Jun 29 j 00:27	7°♈08'30	18°20'30
	-9681 Jul 14 j 11:13	0°♉	
morning set	-9681 Jul 17 j 23:28	5°♉51'02	
superior conj	-9681 Aug 01 j 05:30	29°♉07'43	1°04'44
minimum elong	-9681 Aug 01 j 11:57	29°♉33'30	1°04'31
	-9681 Aug 01 j 18:35	0°♊	
max. Earth dist.	-9681 Aug 04 j 11:09	4°♊17'01	1.44408 AU
desc. node	-9681 Aug 12 j 13:55	17°♊04'44	
evening rise	-9681 Aug 17 j 21:14	25°♊22'47	
	-9681 Aug 20 j 20:21	0°♋	
greatest brilliancy	-9681 Aug 29 j 03:19	12°♋48'19	-0.7m
	-9681 Sep 10 j 14:59	0°♌	
evening max el	-9681 Sep 11 j 08:00	0°♌45'04	19°37'53
retrograde	-9681 Sep 18 j 15:23	4°♌58'21	
evening set	-9681 Sep 22 j 01:03	3°♌51'00	
asc. node	-9681 Sep 23 j 04:54	2°♌57'49	
	-9681 Sep 25 j 23:47	30°℞♋	
inferior conj	-9681 Sep 27 j 15:31	27°♋54'00	1°25'08
minimum elong	-9681 Sep 27 j 13:35	28°♋00'16	1°24'55
min. Earth dist.	-9681 Sep 28 j 18:23	26°♋26'56	0.66101 AU
morning rise	-9681 Oct 03 j 01:51	21°♋37'40	
direct	-9681 Oct 09 j 01:19	19°♋04'05	
morning max el	-9681 Oct 21 j 06:52	26°♋15'48	25°43'22
	-9681 Oct 24 j 18:38	0°♌	
desc. node	-9681 Nov 08 j 13:49	19°♌39'57	
	-9681 Nov 15 j 06:18	0°♍	
morning set	-9681 Nov 26 j 09:50	19°♍05'26	
max. Earth dist.	-9681 Nov 30 j 08:21	26°♍25'57	1.36300 AU
	-9681 Dec 02 j 04:53	0°♎	
superior conj	-9681 Dec 05 j 20:40	7°♎13'23	-1°39'25
minimum elong	-9681 Dec 05 j 22:02	7°♎20'15	1°39'21
evening rise	-9681 Dec 13 j 18:34	23°♎20'23	
	-9681 Dec 17 j 02:34	0°♏	
asc. node	-9681 Dec 20 j 02:56	5°♏42'39	
evening max el	-9681 Dec 31 j 18:34	22°♏16'22	20°00'35

retrograde	-9680 Jan 10 j 19:30	26°♏59'44	
evening set	-9680 Jan 13 j 08:27	26°♏42'56	
inferior conj	-9680 Jan 21 j 22:00	22°♏40'54	3°14'04
minimum elong	-9680 Jan 22 j 03:33	22°♏32'19	3°12'25
min. Earth dist.	-9680 Jan 24 j 01:36	21°♏21'34	0.56124 AU
morning rise	-9680 Jan 30 j 20:42	18°♏07'04	
direct	-9680 Feb 03 j 21:47	17°♏30'47	
desc. node	-9680 Feb 04 j 15:04	17°♏31'58	
morning max el	-9680 Feb 17 j 15:08	24°♏20'59	23°49'24
	-9680 Feb 22 j 18:09	0°♐	
	-9680 Mar 11 j 13:11	0°♑	
morning set	-9680 Mar 12 j 18:53	2°♑34'19	
asc. node	-9680 Mar 17 j 01:24	11°♑40'17	
superior conj	-9680 Mar 19 j 20:45	17°♑42'34	0°27'15
minimum elong	-9680 Mar 19 j 19:36	17°♑36'23	0°26'27
max. Earth dist.	-9680 Mar 21 j 19:33	21°♑52'21	1.33594 AU
	-9680 Mar 25 j 17:01	0°♒	
evening rise	-9680 Mar 27 j 10:10	3°♒28'15	
	-9680 Apr 11 j 04:10	0°♓	
evening max el	-9680 Apr 29 j 17:57	24°♓16'45	27°26'22
desc. node	-9680 May 02 j 13:58	26°♓49'50	
	-9680 May 07 j 03:59	0°♈	
retrograde	-9680 May 13 j 12:09	1°♈49'00	
	-9680 May 19 j 09:31	30°℞♓	
evening set	-9680 May 20 j 12:27	29°♓14'25	
min. Earth dist.	-9680 May 24 j 03:35	26°♓02'55	0.63258 AU
inferior conj	-9680 May 26 j 20:33	23°♓15'50	-3°39'06
minimum elong	-9680 May 26 j 21:40	23°♓12'58	3°39'10
morning rise	-9680 Jun 02 j 07:52	18°♓00'57	
direct	-9680 Jun 05 j 01:50	17°♓23'56	
morning max el	-9680 Jun 11 j 14:22	20°♓47'09	18°02'45
asc. node	-9680 Jun 13 j 01:46	22°♓22'23	
	-9680 Jun 18 j 13:18	0°♈	
morning set	-9680 Jun 28 j 18:34	17°♈21'38	
	-9680 Jul 06 j 02:15	0°♉	
superior conj	-9680 Jul 11 j 02:53	8°♉26'33	1°34'34
minimum elong	-9680 Jul 11 j 08:04	8°♉48'00	1°34'30
max. Earth dist.	-9680 Jul 17 j 01:04	18°♉07'38	1.43514 AU
	-9680 Jul 24 j 12:31	0°♊	
evening rise	-9680 Jul 26 j 23:54	3°♊51'33	
desc. node	-9680 Jul 29 j 11:09	7°♊40'46	
	-9680 Aug 13 j 08:40	0°♋	
evening max el	-9680 Aug 24 j 10:21	14°♋11'09	20°39'28
retrograde	-9680 Sep 01 j 12:13	18°♋55'41	
evening set	-9680 Sep 05 j 08:36	17°♋30'48	
asc. node	-9680 Sep 09 j 01:59	13°♋38'14	
inferior conj	-9680 Sep 10 j 18:15	11°♋24'49	0°32'45
minimum elong	-9680 Sep 10 j 17:29	11°♋27'22	0°33'02
min. Earth dist.	-9680 Sep 11 j 10:03	10°♋31'22	0.66772 AU
morning rise	-9680 Sep 16 j 02:12	5°♋05'26	
direct	-9680 Sep 21 j 11:00	2°♋48'16	
morning max el	-9680 Oct 02 j 16:22	9°♋30'45	24°24'47
	-9680 Oct 18 j 21:40	0°♌	
desc. node	-9680 Oct 25 j 10:33	9°♌42'12	
	-9680 Nov 06 j 22:05	0°♍	
morning set	-9680 Nov 07 j 08:54	0°♍46'44	
max. Earth dist.	-9680 Nov 11 j 07:37	7°♍45'09	1.38155 AU
superior conj	-9680 Nov 18 j 04:43	20°♍33'51	-1°43'08
minimum elong	-9680 Nov 18 j 04:32	20°♍32'56	1°42'59
	-9680 Nov 23 j 00:46	0°♎	
evening rise	-9680 Nov 26 j 18:59	7°♎26'40	
asc. node	-9680 Dec 06 j 00:14	24°♎31'28	
	-9680 Dec 09 j 16:17	0°♏	
evening max el	-9680 Dec 13 j 13:11	4°♏27'19	19°03'15

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9680 Dec 22 j 03:32	8°♏33'46				-9679 Nov 15 j 05:10	0°♎		
evening set	-9680 Dec 24 j 15:32	8°♏14'27			asc. node	-9679 Nov 22 j 21:33	12°♎38'49		
inferior conj	-9679 Jan 01 j 15:14	3°♏57'54	4°03'06		evening max el	-9679 Nov 26 j 16:36	17°♎08'05	18°26'00	
minimum elong	-9679 Jan 01 j 18:10	3°♏52'44	4°02'33		retrograde	-9679 Dec 04 j 05:27	20°♎51'08		
min. Earth dist.	-9679 Jan 04 j 16:14	1°♏50'24	0.57518 AU		evening set	-9679 Dec 06 j 17:48	20°♎27'35		
	-9679 Jan 07 j 15:38	30°℞♎			inferior conj	-9679 Dec 14 j 03:56	15°♎50'16	4°15'10	
morning rise	-9679 Jan 09 j 18:34	28°♎58'24			minimum elong	-9679 Dec 14 j 03:23	15°♎51'23	4°15'05	
direct	-9679 Jan 15 j 03:59	27°♎49'49			min. Earth dist.	-9679 Dec 17 j 10:12	13°♎12'24	0.59319 AU	
desc. node	-9679 Jan 21 j 11:53	29°♎23'07			morning rise	-9679 Dec 21 j 11:13	10°♎29'28		
	-9679 Jan 22 j 16:11	0°♏			direct	-9679 Dec 27 j 22:06	8°♎42'03		
morning max el	-9679 Jan 29 j 06:00	5°♏02'46	25°23'03		desc. node	-9678 Jan 08 j 08:40	13°♎43'57		
	-9679 Feb 16 j 05:57	0°♐			morning max el	-9678 Jan 11 j 00:07	16°♎05'29	26°38'46	
morning set	-9679 Feb 25 j 07:17	17°♐39'34				-9678 Jan 22 j 10:07	0°♏		
	-9679 Mar 03 j 01:07	0°♑				-9678 Feb 08 j 11:16	0°♐		
asc. node	-9679 Mar 03 j 22:28	1°♑56'08			morning set	-9678 Feb 09 j 18:15	2°♐40'14		
superior conj	-9679 Mar 04 j 06:54	2°♑41'56	0°03'29		superior conj	-9678 Feb 16 j 18:36	17°♐45'48	-0°20'02	
minimum elong	-9679 Mar 04 j 06:46	2°♑41'16	0°02'52		minimum elong	-9678 Feb 16 j 19:27	17°♐50'27	0°20'24	
behind sun begin	-9679 Mar 04 j 01:48	2°♑14'14			max. Earth dist.	-9678 Feb 16 j 19:07	17°♐48'40	1.32772 AU	
behind sun end	-9679 Mar 04 j 11:44	3°♑08'16			asc. node	-9678 Feb 18 j 19:36	22°♐13'06		
max. Earth dist.	-9679 Mar 05 j 05:44	4°♑45'59	1.33021 AU			-9678 Feb 22 j 10:27	0°♑		
evening rise	-9679 Mar 11 j 12:49	18°♑05'56			evening rise	-9678 Feb 23 j 20:21	2°♑57'54		
	-9679 Mar 17 j 14:30	0°♒				-9678 Mar 10 j 13:56	0°♒		
	-9679 Apr 05 j 21:38	0°♓			evening max el	-9678 Mar 25 j 02:11	18°♒33'36	26°24'40	
evening max el	-9679 Apr 12 j 00:36	6°♓43'46	27°11'41		desc. node	-9678 Apr 06 j 08:28	25°♒46'19		
desc. node	-9679 Apr 19 j 11:15	12°♓23'25			retrograde	-9678 Apr 08 j 05:12	25°♒55'01		
retrograde	-9679 Apr 26 j 00:56	14°♓13'09			evening set	-9678 Apr 14 j 06:53	24°♒21'33		
evening set	-9679 May 02 j 19:05	12°♓04'34			min. Earth dist.	-9678 Apr 18 j 15:30	21°♒33'06	0.59392 AU	
min. Earth dist.	-9679 May 06 j 13:37	9°♓12'00	0.61392 AU		inferior conj	-9678 Apr 22 j 00:02	18°♒54'14	-3°17'28	
inferior conj	-9679 May 09 j 18:06	6°♓18'15	-3°39'33		minimum elong	-9678 Apr 21 j 21:02	19°♒00'12	3°17'27	
minimum elong	-9679 May 09 j 17:19	6°♓20'03	3°39'48		morning rise	-9678 Apr 29 j 13:51	14°♒19'03		
morning rise	-9679 May 16 j 17:22	1°♓22'54			direct	-9678 May 02 j 00:32	13°♒57'25		
direct	-9679 May 19 j 07:30	0°♓54'15			morning max el	-9678 May 09 j 14:18	17°♒36'20	18°23'26	
morning max el	-9679 May 26 j 03:55	4°♓19'05	18°03'31		asc. node	-9678 May 17 j 19:27	28°♒45'30		
asc. node	-9679 May 30 j 22:36	10°♓11'38				-9678 May 18 j 13:00	0°♓		
morning set	-9679 Jun 11 j 10:05	29°♓51'57			morning set	-9678 May 25 j 17:11	13°♓10'25		
	-9679 Jun 11 j 11:51	0°♈				-9678 Jun 03 j 15:41	0°♈		
superior conj	-9679 Jun 22 j 03:31	19°♈06'16	1°48'21		superior conj	-9678 Jun 04 j 04:59	1°♈00'58	1°48'38	
minimum elong	-9679 Jun 22 j 05:12	19°♈13'35	1°48'25		minimum elong	-9678 Jun 04 j 03:48	0°♈55'35	1°48'33	
	-9679 Jun 28 j 13:01	0°♉			max. Earth dist.	-9678 Jun 11 j 12:46	14°♈02'25	1.40293 AU	
max. Earth dist.	-9679 Jun 29 j 09:35	1°♉25'27	1.42074 AU		evening rise	-9678 Jun 16 j 07:23	22°♈06'45		
evening rise	-9679 Jul 06 j 04:51	12°♉27'34				-9678 Jun 21 j 03:52	0°♉		
desc. node	-9679 Jul 16 j 08:28	28°♉08'31			desc. node	-9678 Jul 03 j 05:50	18°♉23'04		
	-9679 Jul 17 j 14:15	0°♊				-9678 Jul 11 j 14:39	0°♊		
evening max el	-9679 Aug 07 j 05:59	27°♊34'17	21°52'56		evening max el	-9678 Jul 20 j 19:47	10°♊55'27	23°13'38	
	-9679 Aug 09 j 21:04	0°♋			retrograde	-9678 Jul 31 j 00:51	16°♊58'38		
retrograde	-9679 Aug 16 j 07:52	2°♋56'49			evening set	-9678 Aug 05 j 00:24	14°♊52'34		
evening set	-9679 Aug 20 j 17:01	1°♋11'56			inferior conj	-9678 Aug 10 j 06:01	8°♊37'32	-1°08'24	
	-9679 Aug 22 j 00:15	30°℞♊			minimum elong	-9678 Aug 10 j 07:26	8°♊32'39	1°07'21	
inferior conj	-9679 Aug 25 j 23:41	25°♊00'03	-0°18'57		min. Earth dist.	-9678 Aug 10 j 00:58	8°♊54'56	0.67249 AU	
minimum elong	-9679 Aug 26 j 00:05	24°♊58'40	0°18'13		asc. node	-9678 Aug 13 j 20:02	4°♊03'07		
min. Earth dist.	-9679 Aug 26 j 05:05	24°♊41'25	0.67155 AU		morning rise	-9678 Aug 15 j 14:23	2°♊23'14		
asc. node	-9679 Aug 26 j 23:01	23°♊39'50			direct	-9678 Aug 19 j 19:53	0°♊44'00		
morning rise	-9679 Aug 31 j 07:00	18°♊41'23			morning max el	-9678 Aug 28 j 18:00	6°♊03'56	21°38'09	
direct	-9679 Sep 05 j 01:33	16°♊43'04				-9678 Sep 15 j 18:27	0°♋		
morning max el	-9679 Sep 15 j 03:07	22°♊46'05	23°00'20		morning set	-9678 Sep 29 j 01:05	20°♋18'57		
	-9679 Sep 21 j 09:27	0°♋			desc. node	-9678 Sep 29 j 04:18	20°♋31'38		
desc. node	-9679 Oct 12 j 07:24	0°♌01'24				-9678 Oct 05 j 01:36	0°♌		
	-9679 Oct 12 j 07:02	0°♌			max. Earth dist.	-9678 Oct 06 j 08:42	2°♌07'45	1.42041 AU	
morning set	-9679 Oct 19 j 06:16	11°♌10'51							
max. Earth dist.	-9679 Oct 24 j 05:32	19°♌31'52	1.40163 AU		superior conj	-9678 Oct 13 j 16:01	14°♌28'02	-1°20'20	
	-9679 Oct 30 j 04:31	0°♍			minimum elong	-9678 Oct 13 j 11:30	14°♌08'30	1°19'28	
						-9678 Oct 22 j 09:52	0°♍		
superior conj	-9679 Oct 31 j 21:05	3°♍03'52	-1°37'40		evening rise	-9678 Oct 24 j 15:29	4°♍03'57		
minimum elong	-9679 Oct 31 j 18:41	2°♍52'54	1°37'14		asc. node	-9678 Nov 09 j 18:50	29°♍51'58		
evening rise	-9679 Nov 10 j 11:08	21°♍04'01				-9678 Nov 09 j 21:58	0°♎		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9678 Nov 10 j 02:11	0°♎10'37	18°08'50
retrograde	-9678 Nov 16 j 23:37	3°♎43'17	
evening set	-9678 Nov 19 j 13:14	3°♎14'12	
	-9678 Nov 24 j 12:36	30°℞♍	
inferior conj	-9678 Nov 26 j 11:00	28°♍14'59	4°00'03
minimum elong	-9678 Nov 26 j 08:09	28°♍21'37	3°59'46
min. Earth dist.	-9678 Nov 29 j 10:54	25°♍28'14	0.61201 AU
morning rise	-9678 Dec 03 j 01:53	22°♍36'36	
direct	-9678 Dec 10 j 01:47	20°♍16'26	
morning max el	-9678 Dec 24 j 00:36	27°♍46'00	27°24'50
desc. node	-9678 Dec 26 j 05:27	0°♎00'26	
	-9678 Dec 26 j 05:17	0°♎	
	-9677 Jan 15 j 23:44	0°♏	
morning set	-9677 Jan 25 j 01:50	17°♏29'24	
	-9677 Jan 30 j 23:18	0°♐	
max. Earth dist.	-9677 Jan 31 j 08:04	0°♐47'36	1.32848 AU
superior conj	-9677 Feb 01 j 06:12	2°♐48'01	-0°42'24
minimum elong	-9677 Feb 01 j 07:52	2°♐57'04	0°42'34
asc. node	-9677 Feb 05 j 16:46	12°♐27'02	
evening rise	-9677 Feb 08 j 06:44	17°♐56'37	
	-9677 Feb 14 j 07:13	0°♑	
evening max el	-9677 Mar 06 j 22:17	29°♑47'53	25°10'31
	-9677 Mar 07 j 03:24	0°♒	
retrograde	-9677 Mar 20 j 22:45	6°♒54'33	
desc. node	-9677 Mar 24 j 05:39	6°♒29'11	
evening set	-9677 Mar 25 j 23:26	5°♒55'51	
min. Earth dist.	-9677 Mar 31 j 11:18	2°♒57'47	0.57521 AU
inferior conj	-9677 Apr 03 j 11:07	0°♒55'17	-2°25'48
minimum elong	-9677 Apr 03 j 06:56	1°♒02'30	2°25'20
	-9677 Apr 04 j 19:47	30°℞♑	
morning rise	-9677 Apr 11 j 17:38	26°♑39'06	
direct	-9677 Apr 14 j 01:00	26°♑23'03	
	-9677 Apr 22 j 05:24	0°♒	
morning max el	-9677 Apr 22 j 18:41	0°♒30'20	19°03'07
asc. node	-9677 May 04 j 16:21	17°♒53'44	
morning set	-9677 May 09 j 11:42	27°♒07'09	
	-9677 May 10 j 22:48	0°♓	
superior conj	-9677 May 18 j 01:52	13°♓56'54	1°39'12
minimum elong	-9677 May 17 j 23:14	13°♓44'14	1°38'48
max. Earth dist.	-9677 May 24 j 13:36	26°♓03'30	1.38411 AU
	-9677 May 26 j 18:26	0°♈	
evening rise	-9677 May 28 j 13:26	3°♈08'44	
	-9677 Jun 14 j 07:21	0°♉	
desc. node	-9677 Jun 20 j 03:11	8°♉18'31	
evening max el	-9677 Jul 03 j 06:13	24°♉17'37	24°34'50
	-9677 Jul 10 j 16:43	0°♊	
retrograde	-9677 Jul 14 j 14:19	0°♊58'12	
	-9677 Jul 18 j 04:13	30°℞♉	
evening set	-9677 Jul 20 j 04:53	28°♉32'14	
inferior conj	-9677 Jul 25 j 11:32	22°♉16'24	-1°54'04
minimum elong	-9677 Jul 25 j 13:44	22°♉09'00	1°52'54
min. Earth dist.	-9677 Jul 24 j 19:20	23°♉10'54	0.67035 AU
morning rise	-9677 Jul 30 j 22:33	16°♉09'53	
asc. node	-9677 Jul 31 j 17:00	15°♉39'46	
direct	-9677 Aug 03 j 16:50	14°♉48'20	
morning max el	-9677 Aug 11 j 15:16	19°♉28'28	20°24'32
	-9677 Aug 20 j 00:38	0°♊	
morning set	-9677 Sep 08 j 03:46	28°♊44'34	
	-9677 Sep 08 j 23:10	0°♋	
desc. node	-9677 Sep 16 j 01:15	11°♋08'52	
max. Earth dist.	-9677 Sep 18 j 18:42	15°♋30'30	1.43521 AU
superior conj	-9677 Sep 24 j 08:09	24°♋33'08	-0°49'11
minimum elong	-9677 Sep 24 j 03:34	24°♋14'17	0°48'05
	-9677 Sep 27 j 14:56	0°♌	

evening rise	-9677 Oct 07 j 03:36	16°♌16'25	
	-9677 Oct 15 j 03:13	0°♍	
evening max el	-9677 Oct 24 j 14:59	13°♍27'18	18°10'59
asc. node	-9677 Oct 27 j 16:06	15°♍55'38	
retrograde	-9677 Oct 31 j 05:55	17°♍00'10	
evening set	-9677 Nov 02 j 22:18	16°♍23'56	
inferior conj	-9677 Nov 09 j 09:12	11°♍04'39	3°27'21
minimum elong	-9677 Nov 09 j 05:32	11°♍14'16	3°26'45
min. Earth dist.	-9677 Nov 11 j 21:10	8°♍27'25	0.62937 AU
morning rise	-9677 Nov 15 j 11:57	5°♍11'32	
direct	-9677 Nov 22 j 13:30	2°♍31'16	
morning max el	-9677 Dec 06 j 06:53	10°♍05'27	27°35'55
desc. node	-9677 Dec 13 j 02:10	17°♍40'11	
	-9677 Dec 22 j 00:28	0°♎	
	-9676 Jan 08 j 04:04	0°♏	
morning set	-9676 Jan 09 j 03:41	1°♏58'05	
max. Earth dist.	-9676 Jan 14 j 16:37	13°♏28'00	1.33281 AU
superior conj	-9676 Jan 16 j 15:57	17°♏41'36	-1°02'53
minimum elong	-9676 Jan 16 j 18:09	17°♏53'26	1°02'55
	-9676 Jan 22 j 09:05	0°♐	
evening rise	-9676 Jan 23 j 18:05	2°♐54'29	
asc. node	-9676 Jan 23 j 13:58	2°♐32'52	
	-9676 Feb 07 j 18:11	0°♑	
evening max el	-9676 Feb 16 j 15:16	10°♑39'44	23°40'00
retrograde	-9676 Mar 01 j 04:06	17°♑19'46	
evening set	-9676 Mar 05 j 01:20	16°♑46'30	
desc. node	-9676 Mar 10 j 02:45	14°♑37'02	
min. Earth dist.	-9676 Mar 12 j 03:41	13°♑26'48	0.56098 AU
inferior conj	-9676 Mar 14 j 02:25	12°♑16'08	-1°01'31
minimum elong	-9676 Mar 13 j 23:56	12°♑19'55	1°01'19
morning rise	-9676 Mar 23 j 01:12	8°♑12'55	
direct	-9676 Mar 25 j 06:59	8°♑00'07	
morning max el	-9676 Apr 04 j 14:09	12°♑50'34	20°02'40
	-9676 Apr 16 j 15:34	0°♒	
asc. node	-9676 Apr 20 j 13:14	7°♒27'01	
morning set	-9676 Apr 22 j 14:13	11°♒31'50	
superior conj	-9676 Apr 30 j 12:52	27°♒38'17	1°23'16
minimum elong	-9676 Apr 30 j 09:54	27°♒23'29	1°22'34
	-9676 May 01 j 17:20	0°♓	
max. Earth dist.	-9676 May 05 j 17:10	7°♓46'03	1.36655 AU
evening rise	-9676 May 09 j 19:27	15°♓24'33	
	-9676 May 18 j 04:47	0°♈	
desc. node	-9676 Jun 06 j 00:35	27°♈46'24	
	-9676 Jun 07 j 19:11	0°♉	
evening max el	-9676 Jun 14 j 15:58	7°♉41'19	25°48'34
retrograde	-9676 Jun 26 j 23:34	14°♉50'30	
evening set	-9676 Jul 03 j 04:24	12°♉09'18	
min. Earth dist.	-9676 Jul 07 j 09:52	7°♉26'39	0.66470 AU
inferior conj	-9676 Jul 08 j 14:23	5°♉54'58	-2°34'25
minimum elong	-9676 Jul 08 j 17:01	5°♉46'30	2°33'24
morning rise	-9676 Jul 14 j 05:43	29°♈59'15	
	-9676 Jul 14 j 05:15	30°℞♈	
direct	-9676 Jul 17 j 14:46	28°♈53'09	
asc. node	-9676 Jul 17 j 13:54	28°♈53'09	
	-9676 Jul 21 j 04:07	0°♉	
morning max el	-9676 Jul 24 j 19:11	3°♉00'32	19°23'50
	-9676 Aug 12 j 17:05	0°♊	
morning set	-9676 Aug 17 j 10:35	7°♊25'11	
max. Earth dist.	-9676 Aug 31 j 09:27	29°♊23'50	1.44410 AU
	-9676 Aug 31 j 18:34	0°♋	
desc. node	-9676 Sep 01 j 22:17	1°♋49'57	
superior conj	-9676 Sep 02 j 21:41	3°♋23'05	-0°05'57
minimum elong	-9676 Sep 02 j 21:02	3°♋20'29	0°05'18
behind sun begin	-9676 Sep 02 j 10:21	2°♋37'56	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

behind sun end	-9676 Sep 03 j 07:44	4°♋03'05	
evening rise	-9676 Sep 17 j 18:11	27°♋28'58	
	-9676 Sep 19 j 06:43	0°♌	
evening max el	-9676 Oct 07 j 04:09	26°♌52'20	18°31'27
	-9676 Oct 11 j 07:35	0°♍	
retrograde	-9676 Oct 13 j 20:09	0°♍34'20	
asc. node	-9676 Oct 13 j 13:20	0°♍33'53	
	-9676 Oct 16 j 08:00	30°℞♌	
evening set	-9676 Oct 16 j 17:23	29°♌48'31	
inferior conj	-9676 Oct 22 j 19:01	24°♌12'14	2°44'02
minimum elong	-9676 Oct 22 j 15:37	24°♌22'09	2°43'23
min. Earth dist.	-9676 Oct 24 j 17:41	21°♌57'01	0.64408 AU
morning rise	-9676 Oct 28 j 13:16	18°♌07'26	
direct	-9676 Nov 04 j 08:19	15°♌20'51	
morning max el	-9676 Nov 17 j 16:20	22°♌54'45	27°13'11
	-9676 Nov 24 j 01:43	0°♍	
desc. node	-9676 Nov 28 j 22:53	6°♍18'59	
	-9676 Dec 14 j 05:13	0°♎	
morning set	-9676 Dec 22 j 20:56	15°♎56'48	
max. Earth dist.	-9676 Dec 27 j 16:56	25°♎38'32	1.34112 AU
	-9676 Dec 29 j 19:17	0°♏	
superior conj	-9676 Dec 30 j 21:58	2°♏20'12	-1°20'30
minimum elong	-9676 Dec 31 j 00:18	2°♏32'30	1°20'29
evening rise	-9675 Jan 07 j 04:46	17°♏45'38	
asc. node	-9675 Jan 09 j 11:12	22°♏25'43	
	-9675 Jan 13 j 08:17	0°♐	
evening max el	-9675 Jan 28 j 10:37	21°♐34'12	22°06'41
retrograde	-9675 Feb 09 j 22:21	27°♐32'24	
evening set	-9675 Feb 12 j 22:50	27°♐12'14	
inferior conj	-9675 Feb 22 j 02:58	23°♐05'46	0°45'11
minimum elong	-9675 Feb 22 j 04:56	23°♐02'58	0°43'59
min. Earth dist.	-9675 Feb 21 j 18:41	23°♐17'34	0.55418 AU
desc. node	-9675 Feb 24 j 23:47	21°♐30'13	
morning rise	-9675 Mar 03 j 11:43	19°♐01'58	
direct	-9675 Mar 05 j 23:35	18°♐47'47	
morning max el	-9675 Mar 17 j 22:45	24°♐30'36	21°20'47
	-9675 Mar 22 j 19:58	0°♑	
morning set	-9675 Apr 06 j 22:06	26°♑16'40	
asc. node	-9675 Apr 07 j 10:08	27°♑18'45	
	-9675 Apr 08 j 17:12	0°♒	
superior conj	-9675 Apr 14 j 09:51	11°♒52'48	1°03'14
minimum elong	-9675 Apr 14 j 07:19	11°♒39'38	1°02'21
max. Earth dist.	-9675 Apr 18 j 05:04	19°♒37'34	1.35192 AU
evening rise	-9675 Apr 22 j 19:45	28°♒38'12	
	-9675 Apr 23 j 13:02	0°♓	
	-9675 May 11 j 09:24	0°♈	
desc. node	-9675 May 23 j 21:59	16°♈34'54	
evening max el	-9675 May 28 j 02:35	21°♈02'55	26°46'21
retrograde	-9675 Jun 10 j 04:02	28°♈28'35	
evening set	-9675 Jun 16 j 20:30	25°♈40'38	
min. Earth dist.	-9675 Jun 20 j 18:21	21°♈36'48	0.65527 AU
inferior conj	-9675 Jun 22 j 12:31	19°♈30'11	-3°07'39
minimum elong	-9675 Jun 22 j 15:06	19°♈22'26	3°07'00
morning rise	-9675 Jun 28 j 09:57	13°♈48'07	
direct	-9675 Jul 01 j 11:51	12°♈54'54	
asc. node	-9675 Jul 04 j 10:45	13°♈41'55	
morning max el	-9675 Jul 08 j 04:34	16°♈37'55	18°38'40
	-9675 Jul 17 j 23:56	0°♉	
morning set	-9675 Jul 28 j 14:08	17°♉04'33	
	-9675 Aug 05 j 14:26	0°♊	
superior conj	-9675 Aug 12 j 21:25	11°♊36'03	0°40'57
minimum elong	-9675 Aug 13 j 02:18	11°♊55'21	0°40'54
max. Earth dist.	-9675 Aug 14 j 02:09	13°♊29'42	1.44612 AU
desc. node	-9675 Aug 19 j 19:23	22°♊31'27	
	-9675 Aug 24 j 12:58	0°♋	
evening rise	-9675 Aug 29 j 06:27	7°♋29'15	
	-9675 Sep 12 j 16:18	0°♌	
evening max el	-9675 Sep 20 j 14:56	10°♌20'21	19°09'06
retrograde	-9675 Sep 27 j 14:49	14°♌19'39	
asc. node	-9675 Sep 30 j 10:31	13°♌33'46	
evening set	-9675 Sep 30 j 19:15	13°♌21'12	
inferior conj	-9675 Oct 06 j 13:20	7°♌31'06	1°54'48
minimum elong	-9675 Oct 06 j 10:46	7°♌39'07	1°54'23
min. Earth dist.	-9675 Oct 07 j 23:10	5°♌45'08	0.65576 AU
morning rise	-9675 Oct 12 j 01:53	1°♌17'59	
	-9675 Oct 13 j 19:52	30°℞♋	
direct	-9675 Oct 18 j 09:26	28°♋36'55	
	-9675 Oct 23 j 09:51	0°♌	
morning max el	-9675 Oct 31 j 02:18	6°♌00'24	26°22'13
desc. node	-9675 Nov 15 j 19:34	25°♌38'48	
	-9675 Nov 18 j 18:15	0°♍	
morning set	-9675 Dec 06 j 01:44	29°♍12'39	
	-9675 Dec 06 j 11:49	0°♎	
max. Earth dist.	-9675 Dec 10 j 06:12	7°♎14'39	1.35377 AU
superior conj	-9675 Dec 14 j 21:55	16°♎35'30	-1°34'04
minimum elong	-9675 Dec 14 j 23:50	16°♎45'19	1°34'02
	-9675 Dec 21 j 09:11	0°♏	
evening rise	-9675 Dec 22 j 13:00	2°♏23'29	
asc. node	-9675 Dec 27 j 08:28	11°♏59'16	
	-9674 Jan 07 j 19:53	0°♐	
evening max el	-9674 Jan 10 j 13:29	2°♐52'13	20°42'13
retrograde	-9674 Jan 21 j 12:32	8°♐01'09	
evening set	-9674 Jan 24 j 03:30	7°♐44'40	
inferior conj	-9674 Feb 02 j 00:16	3°♐46'24	2°27'51
minimum elong	-9674 Feb 02 j 05:42	3°♐38'27	2°25'51
min. Earth dist.	-9674 Feb 03 j 08:47	2°♐58'57	0.55623 AU
	-9674 Feb 09 j 09:48	30°℞♏	
morning rise	-9674 Feb 11 j 06:28	29°♏26'26	
desc. node	-9674 Feb 11 j 20:43	29°♏18'35	
direct	-9674 Feb 14 j 14:40	29°♏01'53	
	-9674 Feb 19 j 15:52	0°♐	
morning max el	-9674 Feb 27 j 20:38	5°♐32'12	22°53'13
	-9674 Mar 16 j 18:12	0°♑	
morning set	-9674 Mar 22 j 09:12	11°♑14'53	
asc. node	-9674 Mar 25 j 07:05	17°♑23'41	
superior conj	-9674 Mar 29 j 13:46	26°♑30'56	0°40'47
minimum elong	-9674 Mar 29 j 12:02	26°♑21'48	0°39'54
	-9674 Mar 31 j 05:21	0°♒	
max. Earth dist.	-9674 Apr 01 j 03:29	1°♒55'51	1.34079 AU
evening rise	-9674 Apr 06 j 09:15	12°♒34'22	
	-9674 Apr 15 j 19:45	0°♓	
	-9674 May 06 j 13:34	0°♈	
evening max el	-9674 May 10 j 13:31	4°♈13'30	27°20'16
desc. node	-9674 May 10 j 19:21	4°♈27'35	
retrograde	-9674 May 24 j 02:57	11°♈44'55	
evening set	-9674 May 31 j 02:19	9°♈01'55	
min. Earth dist.	-9674 Jun 03 j 18:53	5°♈33'20	0.64193 AU
inferior conj	-9674 Jun 06 j 03:32	2°♈58'06	-3°31'17
minimum elong	-9674 Jun 06 j 05:24	2°♈52'58	3°31'06
	-9674 Jun 09 j 00:14	30°℞♓	
morning rise	-9674 Jun 12 j 09:06	27°♓32'20	
direct	-9674 Jun 15 j 05:35	26°♓49'51	
asc. node	-9674 Jun 21 j 07:33	29°♓53'18	
	-9674 Jun 21 j 10:21	0°♈	
morning max el	-9674 Jun 21 j 17:28	0°♈17'29	18°10'39
morning set	-9674 Jul 09 j 19:34	27°♈56'53	
	-9674 Jul 11 j 00:37	0°♉	
superior conj	-9674 Jul 23 j 05:49	20°♉16'19	1°19'22

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9674 Jul 23 j 12:15	20°♉42'24	1°19'10	
max. Earth dist.	-9674 Jul 27 j 18:11	27°♉32'00	1.44109 AU	
	-9674 Jul 29 j 07:22	0°♊		
desc. node	-9674 Aug 06 j 16:35	13°♊10'39		
evening rise	-9674 Aug 08 j 17:57	16°♊22'33		
	-9674 Aug 17 j 14:23	0°♋		
greatest brilliancy	-9674 Aug 21 j 16:18	6°♋09'44	-0.7m	
evening max el	-9674 Sep 03 j 21:01	23°♋48'24	20°02'27	
retrograde	-9674 Sep 11 j 11:24	28°♋13'33		
evening set	-9674 Sep 15 j 01:24	26°♋59'07		
asc. node	-9674 Sep 17 j 07:38	24°♋58'18		
inferior conj	-9674 Sep 20 j 13:37	20°♋58'11	1°02'54	
minimum elong	-9674 Sep 20 j 12:11	21°♋02'56	1°02'55	
min. Earth dist.	-9674 Sep 21 j 11:43	19°♋45'08	0.66431 AU	
morning rise	-9674 Sep 25 j 22:44	14°♋40'16		
direct	-9674 Oct 01 j 16:09	12°♋12'57		
morning max el	-9674 Oct 13 j 11:43	19°♋13'09	25°11'07	
	-9674 Oct 22 j 16:52	0°♌		
desc. node	-9674 Nov 02 j 16:18	15°♌28'06		
	-9674 Nov 11 j 20:32	0°♍		
morning set	-9674 Nov 18 j 13:12	11°♍32'06		
max. Earth dist.	-9674 Nov 22 j 09:13	18°♍31'25	1.37058 AU	
	-9674 Nov 28 j 09:00	0°♎		
superior conj	-9674 Nov 28 j 12:51	0°♎18'59	-1°41'58	
minimum elong	-9674 Nov 28 j 13:40	0°♎22'56	1°41'53	
evening rise	-9674 Dec 06 j 16:55	16°♎42'52		
	-9674 Dec 13 j 14:43	0°♏		
asc. node	-9674 Dec 14 j 05:46	1°♏06'37		
evening max el	-9674 Dec 24 j 02:19	14°♏43'22	19°33'49	
retrograde	-9673 Jan 02 j 11:18	19°♏08'59		
evening set	-9673 Jan 04 j 23:49	18°♏51'14		
inferior conj	-9673 Jan 13 j 07:33	14°♏44'13	3°39'49	
minimum elong	-9673 Jan 13 j 12:18	14°♏36'29	3°38'39	
min. Earth dist.	-9673 Jan 15 j 22:23	13°♏02'51	0.56648 AU	
morning rise	-9673 Jan 21 j 22:37	9°♏59'37		
direct	-9673 Jan 26 j 13:56	9°♏10'59		
desc. node	-9673 Jan 29 j 17:35	9°♏33'56		
morning max el	-9673 Feb 09 j 11:59	16°♏12'15	24°30'34	
	-9673 Feb 20 j 13:15	0°♐		
morning set	-9673 Mar 06 j 21:38	26°♐19'27		
	-9673 Mar 08 j 15:19	0°♑		
asc. node	-9673 Mar 12 j 04:07	7°♑36'42		
superior conj	-9673 Mar 13 j 22:11	11°♑24'18	0°17'11	
minimum elong	-9673 Mar 13 j 21:28	11°♑20'25	0°16'27	
max. Earth dist.	-9673 Mar 15 j 10:29	14°♑39'47	1.33312 AU	
evening rise	-9673 Mar 21 j 07:59	26°♑59'47		
	-9673 Mar 22 j 19:57	0°♒		
	-9673 Apr 09 j 04:37	0°♓		
evening max el	-9673 Apr 22 j 22:31	16°♓59'49	27°24'13	
desc. node	-9673 Apr 27 j 16:40	21°♓00'48		
retrograde	-9673 May 06 j 19:28	24°♓30'28		
evening set	-9673 May 13 j 18:25	22°♓05'41		
min. Earth dist.	-9673 May 17 j 10:06	19°♓03'53	0.62500 AU	
inferior conj	-9673 May 20 j 08:27	16°♓11'57	-3°41'37	
minimum elong	-9673 May 20 j 08:50	16°♓10'59	3°41'49	
morning rise	-9673 May 27 j 00:30	11°♓04'58		
direct	-9673 May 29 j 16:53	10°♓31'30		
morning max el	-9673 Jun 05 j 07:31	13°♓53'47	18°00'44	
asc. node	-9673 Jun 08 j 04:23	17°♓10'51		
	-9673 Jun 16 j 09:16	0°♈		
morning set	-9673 Jun 22 j 00:01	9°♈54'39		
superior conj	-9673 Jul 03 j 14:36	0°♉08'35	1°42'18	
minimum elong	-9673 Jul 03 j 18:20	0°♉24'25	1°42'19	
	-9673 Jul 03 j 12:34	0°♉		
max. Earth dist.	-9673 Jul 10 j 06:33	11°♉12'15	1.42968 AU	
evening rise	-9673 Jul 18 j 18:47	24°♉46'35		
	-9673 Jul 22 j 03:33	0°♊		
desc. node	-9673 Jul 24 j 13:52	3°♊43'37		
	-9673 Aug 11 j 17:57	0°♋		
evening max el	-9673 Aug 17 j 20:38	7°♋13'23	21°09'28	
retrograde	-9673 Aug 26 j 07:53	12°♋12'55		
evening set	-9673 Aug 30 j 09:35	10°♋39'33		
asc. node	-9673 Sep 04 j 04:42	5°♋15'12		
inferior conj	-9673 Sep 04 j 17:44	4°♋30'44	0°10'38	
minimum elong	-9673 Sep 04 j 17:29	4°♋31'36	0°11'06	
transit middle	-9673 Sep 04 j 17:29	4°♋31'36	0°11'06	
transit begin	-9673 Sep 04 j 15:29	4°♋38'26		
transit end	-9673 Sep 04 j 19:29	4°♋24'46		
min. Earth dist.	-9673 Sep 05 j 05:01	3°♋52'11	0.66978 AU	
	-9673 Sep 08 j 05:46	30°℞♊		
morning rise	-9673 Sep 10 j 01:15	28°♊11'29		
direct	-9673 Sep 15 j 03:54	26°♊02'20		
	-9673 Sep 23 j 06:30	0°♋		
morning max el	-9673 Sep 25 j 21:28	2°♋28'09	23°49'03	
	-9673 Oct 16 j 20:15	0°♌		
desc. node	-9673 Oct 20 j 13:07	5°♌38'24		
morning set	-9673 Oct 31 j 01:51	22°♌41'21		
	-9673 Nov 04 j 07:21	0°♍		
max. Earth dist.	-9673 Nov 04 j 07:31	0°♍00'43	1.39010 AU	
superior conj	-9673 Nov 11 j 14:54	13°♍19'44	-1°42'06	
minimum elong	-9673 Nov 11 j 13:50	13°♍14'41	1°41'51	
	-9673 Nov 20 j 06:25	0°♎		
evening rise	-9673 Nov 20 j 14:13	0°♎37'59		
asc. node	-9673 Dec 01 j 03:05	19°♎39'07		
evening max el	-9673 Dec 07 j 00:54	27°♎07'31	18°44'54	
	-9673 Dec 10 j 22:42	0°♏		
retrograde	-9673 Dec 15 j 03:10	1°♏02'40		
evening set	-9673 Dec 17 j 15:15	0°♏41'37		
	-9673 Dec 19 j 12:40	30°℞♎		
inferior conj	-9673 Dec 25 j 08:59	26°♎16'14	4°12'16	
minimum elong	-9673 Dec 25 j 10:23	26°♎13'37	4°12'01	
min. Earth dist.	-9673 Dec 28 j 13:49	23°♎53'33	0.58249 AU	
morning rise	-9672 Jan 02 j 03:31	21°♎07'12		
direct	-9672 Jan 08 j 00:56	19°♎42'30		
desc. node	-9672 Jan 16 j 14:25	22°♎32'35		
morning max el	-9672 Jan 22 j 03:43	27°♎00'17	25°58'29	
	-9672 Jan 25 j 01:17	0°♏		
	-9672 Feb 13 j 17:31	0°♐		
morning set	-9672 Feb 19 j 09:42	11°♐23'58		
superior conj	-9672 Feb 26 j 09:13	26°♐26'22	-0°06'36	
minimum elong	-9672 Feb 26 j 09:31	26°♐28'02	0°07'06	
behind sun begin	-9672 Feb 26 j 05:01	26°♐03'28		
behind sun end	-9672 Feb 26 j 14:01	26°♐52'35		
max. Earth dist.	-9672 Feb 26 j 22:41	27°♐39'51	1.32872 AU	
asc. node	-9672 Feb 27 j 01:14	27°♐53'41		
	-9672 Feb 28 j 00:28	0°♑		
evening rise	-9672 Mar 04 j 13:01	11°♑44'33		
	-9672 Mar 14 j 01:28	0°♒		
evening max el	-9672 Apr 04 j 03:08	29°♒11'16	26°55'25	
	-9672 Apr 04 j 23:52	0°♓		
desc. node	-9672 Apr 13 j 13:55	5°♓43'36		
retrograde	-9672 Apr 18 j 04:39	6°♓37'41		
evening set	-9672 Apr 24 j 17:21	4°♓43'03		
min. Earth dist.	-9672 Apr 28 j 16:12	1°♓54'29	0.60552 AU	
	-9672 Apr 30 j 22:03	30°℞♒		
inferior conj	-9672 May 01 j 23:49	29°♒04'09	-3°33'21	
minimum elong	-9672 May 01 j 22:04	29°♒07'55	3°33'34	
morning rise	-9672 May 09 j 04:58	24°♒17'35		
direct	-9672 May 11 j 17:45	23°♒52'00		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9672 May 18 j 20:07	27°♒20'42	18°09'37	
	-9672 May 21 j 06:03	0°♓		
asc. node	-9672 May 25 j 01:14	5°♓20'25		
morning set	-9672 Jun 03 j 22:43	22°♓46'44		
	-9672 Jun 07 j 20:08	0°♈		
superior conj	-9672 Jun 14 j 02:27	11°♈22'05	1°49'53	
minimum elong	-9672 Jun 14 j 02:45	11°♈23'27	1°49'56	
max. Earth dist.	-9672 Jun 21 j 12:59	24°♈14'26	1.41351 AU	
	-9672 Jun 25 j 00:10	0°♉		
evening rise	-9672 Jun 27 j 07:15	3°♉44'10		
desc. node	-9672 Jul 10 j 11:11	24°♉06'17		
	-9672 Jul 14 j 12:05	0°♊		
evening max el	-9672 Jul 30 j 13:27	20°♊34'46	22°26'38	
retrograde	-9672 Aug 09 j 02:39	26°♊14'48		
evening set	-9672 Aug 13 j 17:49	24°♊20'41		
inferior conj	-9672 Aug 18 j 23:47	18°♊06'54	-0°40'18	
minimum elong	-9672 Aug 19 j 00:39	18°♊03'56	0°39'25	
min. Earth dist.	-9672 Aug 19 j 00:41	18°♊03'47	0.67233 AU	
asc. node	-9672 Aug 21 j 01:44	15°♊18'19		
morning rise	-9672 Aug 24 j 07:22	11°♊49'45		
direct	-9672 Aug 28 j 20:03	9°♊59'56		
morning max el	-9672 Sep 07 j 09:51	15°♊44'44	22°24'38	
	-9672 Sep 18 j 21:19	0°♋		
desc. node	-9672 Oct 06 j 09:58	26°♋02'42		
	-9672 Oct 08 j 21:49	0°♌		
morning set	-9672 Oct 10 j 11:33	2°♌31'34		
max. Earth dist.	-9672 Oct 16 j 07:25	12°♌08'07	1.40992 AU	
superior conj	-9672 Oct 23 j 22:51	25°♌23'08	-1°31'55	
minimum elong	-9672 Oct 23 j 19:27	25°♌07'57	1°31'18	
	-9672 Oct 26 j 12:20	0°♍		
evening rise	-9672 Nov 03 j 01:52	14°♍00'36		
	-9672 Nov 11 j 22:53	0°♎		
asc. node	-9672 Nov 17 j 00:23	7°♎25'01		
evening max el	-9672 Nov 19 j 07:14	9°♎57'58	18°16'15	
retrograde	-9672 Nov 26 j 12:35	13°♎35'35		
evening set	-9672 Nov 29 j 01:10	13°♎09'59		
inferior conj	-9672 Dec 06 j 05:51	8°♎23'16	4°11'30	
minimum elong	-9672 Dec 06 j 04:08	8°♎26'58	4°11'22	
min. Earth dist.	-9672 Dec 09 j 10:25	5°♎38'53	0.60117 AU	
morning rise	-9672 Dec 13 j 05:33	2°♎54'12		
direct	-9672 Dec 19 j 23:18	0°♎51'38		
desc. node	-9671 Jan 02 j 11:12	7°♎46'44		
morning max el	-9671 Jan 03 j 00:40	8°♎18'41	27°02'34	
	-9671 Jan 19 j 14:19	0°♏		
morning set	-9671 Feb 02 j 19:27	26°♏20'25		
	-9671 Feb 04 j 13:20	0°♐		
superior conj	-9671 Feb 09 j 21:04	11°♐29'53	-0°29'43	
minimum elong	-9671 Feb 09 j 22:17	11°♐36'33	0°29'59	
max. Earth dist.	-9671 Feb 09 j 12:15	10°♐41'44	1.32756 AU	
asc. node	-9671 Feb 12 j 22:23	18°♐09'34		
evening rise	-9671 Feb 16 j 21:57	26°♐39'31		
	-9671 Feb 18 j 12:44	0°♑		
	-9671 Mar 07 j 22:44	0°♒		
evening max el	-9671 Mar 17 j 01:58	10°♒43'38	25°55'54	
retrograde	-9671 Mar 31 j 04:56	18°♒00'51		
desc. node	-9671 Mar 31 j 11:08	18°♒00'41		
evening set	-9671 Apr 05 j 20:47	16°♒42'35		
min. Earth dist.	-9671 Apr 10 j 15:08	13°♒51'35	0.58557 AU	
inferior conj	-9671 Apr 13 j 21:58	11°♒25'26	-2°59'33	
minimum elong	-9671 Apr 13 j 18:13	11°♒32'26	2°59'19	
morning rise	-9671 Apr 21 j 18:46	6°♒59'04		
direct	-9671 Apr 24 j 03:52	6°♒40'09		
morning max el	-9671 May 02 j 04:21	10°♒29'17	18°37'57	
asc. node	-9671 May 11 j 22:07	24°♒09'48		
	-9671 May 15 j 02:57	0°♓		
morning set	-9671 May 18 j 11:06	6°♓22'16		
superior conj	-9671 May 27 j 12:53	23°♓44'55	1°45'36	
minimum elong	-9671 May 27 j 10:55	23°♓35'44	1°45'24	
	-9671 May 30 j 22:16	0°♈		
max. Earth dist.	-9671 Jun 03 j 14:08	6°♈32'44	1.39485 AU	
evening rise	-9671 Jun 07 j 21:29	13°♈58'17		
	-9671 Jun 17 j 18:59	0°♉		
desc. node	-9671 Jun 27 j 08:32	14°♉13'41		
	-9671 Jul 09 j 10:16	0°♊		
evening max el	-9671 Jul 13 j 01:19	3°♊55'48	23°48'30	
retrograde	-9671 Jul 23 j 18:24	10°♊16'27		
evening set	-9671 Jul 29 j 00:14	8°♊01'38		
inferior conj	-9671 Aug 03 j 06:01	1°♊45'42	-1°28'18	
minimum elong	-9671 Aug 03 j 07:48	1°♊39'35	1°27'11	
min. Earth dist.	-9671 Aug 02 j 20:20	2°♊18'50	0.67194 AU	
	-9671 Aug 04 j 13:16	30°℞♉		
asc. node	-9671 Aug 07 j 22:43	26°♉08'23		
morning rise	-9671 Aug 08 j 15:17	25°♉34'07		
direct	-9671 Aug 12 j 15:41	24°♉02'45		
morning max el	-9671 Aug 21 j 03:20	29°♉05'38	21°05'25	
	-9671 Aug 21 j 23:53	0°♊		
	-9671 Sep 12 j 14:12	0°♋		
morning set	-9671 Sep 19 j 21:31	11°♋15'59		
desc. node	-9671 Sep 23 j 06:52	16°♋36'30		
max. Earth dist.	-9671 Sep 28 j 13:00	25°♋03'19	1.42730 AU	
	-9671 Oct 01 j 13:17	0°♌		
superior conj	-9671 Oct 05 j 06:54	6°♌14'56	-1°08'49	
minimum elong	-9671 Oct 05 j 01:58	5°♌54'02	1°07'48	
evening rise	-9671 Oct 16 j 23:57	26°♌41'51		
	-9671 Oct 18 j 20:20	0°♍		
evening max el	-9671 Nov 02 j 18:34	23°♍07'31	18°07'26	
asc. node	-9671 Nov 03 j 21:40	24°♍10'37		
retrograde	-9671 Nov 09 j 12:19	26°♍39'01		
evening set	-9671 Nov 12 j 02:49	26°♍07'15		
inferior conj	-9671 Nov 18 j 19:48	20°♍59'30	3°47'50	
minimum elong	-9671 Nov 18 j 16:27	21°♍07'45	3°47'23	
min. Earth dist.	-9671 Nov 21 j 15:11	18°♍14'30	0.61970 AU	
morning rise	-9671 Nov 25 j 05:01	15°♍14'26		
direct	-9671 Dec 02 j 06:56	12°♍43'32		
morning max el	-9671 Dec 16 j 03:47	20°♍16'04	27°33'44	
desc. node	-9671 Dec 20 j 07:58	24°♍41'58		
	-9671 Dec 24 j 15:30	0°♎		
	-9670 Jan 12 j 10:03	0°♏		
morning set	-9670 Jan 18 j 00:51	11°♏01'22		
max. Earth dist.	-9670 Jan 23 j 23:30	23°♏32'38	1.32984 AU	
superior conj	-9670 Jan 25 j 08:04	26°♏28'49	-0°51'24	
minimum elong	-9670 Jan 25 j 09:59	26°♏39'17	0°51'29	
	-9670 Jan 26 j 22:56	0°♐		
asc. node	-9670 Jan 30 j 19:34	8°♐20'11		
evening rise	-9670 Feb 01 j 08:54	11°♐37'58		
	-9670 Feb 10 j 20:29	0°♑		
evening max el	-9670 Feb 26 j 20:13	21°♑45'20	24°33'16	
retrograde	-9670 Mar 12 j 17:38	28°♑42'38		
evening set	-9670 Mar 17 j 06:01	27°♑56'33		
desc. node	-9670 Mar 18 j 08:18	27°♑32'17		
min. Earth dist.	-9670 Mar 23 j 09:26	24°♑50'24	0.56833 AU	
inferior conj	-9670 Mar 26 j 00:24	23°♑08'43	-1°53'51	
minimum elong	-9670 Mar 25 j 20:30	23°♑15'03	1°53'19	
morning rise	-9670 Apr 03 j 14:06	18°♑58'54		
direct	-9670 Apr 05 j 20:10	18°♑44'41		
morning max el	-9670 Apr 15 j 05:12	23°♑09'20	19°26'06	
	-9670 Apr 20 j 21:40	0°♒		
asc. node	-9670 Apr 28 j 18:58	13°♒29'08		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9670 May 02 j 09:20	20°♒31'12	
	-9670 May 07 j 03:06	0°♓	
superior conj	-9670 May 10 j 16:16	7°♓01'01	1°33'05
minimum elong	-9670 May 10 j 13:22	6°♓46'52	1°32'32
max. Earth dist.	-9670 May 16 j 14:59	18°♓20'50	1.37631 AU
evening rise	-9670 May 20 j 14:21	25°♓33'13	
	-9670 May 23 j 03:15	0°♈	
	-9670 Jun 11 j 08:10	0°♉	
desc. node	-9670 Jun 14 j 05:55	3°♉58'31	
evening max el	-9670 Jun 25 j 11:15	17°♉19'05	25°07'44
retrograde	-9670 Jul 07 j 06:09	24°♉13'15	
evening set	-9670 Jul 13 j 02:51	21°♉40'21	
min. Earth dist.	-9670 Jul 17 j 13:25	16°♉35'01	0.66835 AU
inferior conj	-9670 Jul 18 j 10:37	15°♉24'52	-2°11'56
minimum elong	-9670 Jul 18 j 13:03	15°♉16'49	2°10'48
morning rise	-9670 Jul 23 j 23:13	9°♉22'17	
asc. node	-9670 Jul 25 j 19:38	8°♉24'51	
direct	-9670 Jul 27 j 13:22	8°♉07'28	
morning max el	-9670 Aug 04 j 03:21	12°♉32'51	19°56'54
	-9670 Aug 17 j 03:37	0°♊	
morning set	-9670 Aug 29 j 23:15	19°♊40'23	
	-9670 Sep 05 j 13:42	0°♋	
desc. node	-9670 Sep 10 j 03:49	7°♋15'37	
max. Earth dist.	-9670 Sep 11 j 01:06	8°♋40'22	1.43986 AU
superior conj	-9670 Sep 15 j 11:09	15°♋46'19	-0°31'59
minimum elong	-9670 Sep 15 j 07:44	15°♋32'31	0°31'00
	-9670 Sep 24 j 02:38	0°♌	
evening rise	-9670 Sep 29 j 03:31	8°♌29'55	
	-9670 Oct 12 j 05:18	0°♍	
evening max el	-9670 Oct 17 j 07:55	6°♍28'37	18°17'31
asc. node	-9670 Oct 21 j 18:54	9°♍39'46	
retrograde	-9670 Oct 23 j 22:15	10°♍03'53	
evening set	-9670 Oct 26 j 16:32	9°♍23'48	
inferior conj	-9670 Nov 01 j 23:19	3°♍57'05	3°09'53
minimum elong	-9670 Nov 01 j 19:40	4°♍07'07	3°09'14
min. Earth dist.	-9670 Nov 04 j 05:41	1°♍28'03	0.63610 AU
	-9670 Nov 05 j 15:49	30°℞♌	
morning rise	-9670 Nov 07 j 22:06	27°♌58'53	
direct	-9670 Nov 14 j 21:53	25°♌14'10	
	-9670 Nov 25 j 08:45	0°♍	
morning max el	-9670 Nov 28 j 11:29	2°♍48'32	27°30'00
desc. node	-9670 Dec 07 j 04:41	12°♍49'07	
	-9670 Dec 18 j 22:37	0°♎	
morning set	-9669 Jan 01 j 23:25	25°♎18'17	
	-9669 Jan 04 j 07:18	0°♏	
max. Earth dist.	-9669 Jan 07 j 04:52	6°♏00'51	1.33584 AU
superior conj	-9669 Jan 09 j 16:28	11°♏16'59	-1°10'47
minimum elong	-9669 Jan 09 j 18:47	11°♏29'20	1°10'47
evening rise	-9669 Jan 16 j 20:10	26°♏33'49	
asc. node	-9669 Jan 17 j 16:46	28°♏21'10	
	-9669 Jan 18 j 11:55	0°♐	
	-9669 Feb 06 j 00:44	0°♑	
evening max el	-9669 Feb 08 j 13:44	2°♑36'05	22°59'56
retrograde	-9669 Feb 21 j 17:21	8°♑59'09	
evening set	-9669 Feb 25 j 04:34	8°♑32'56	
min. Earth dist.	-9669 Mar 05 j 01:06	5°♑00'26	0.55704 AU
desc. node	-9669 Mar 05 j 05:23	4°♑54'12	
inferior conj	-9669 Mar 06 j 08:27	4°♑14'44	-0°17'42
minimum elong	-9669 Mar 06 j 07:39	4°♑15'53	0°18'01
morning rise	-9669 Mar 15 j 12:35	0°♑12'59	
direct	-9669 Mar 17 j 19:49	0°♑00'13	
morning max el	-9669 Mar 28 j 20:05	5°♑12'35	20°33'48
	-9669 Apr 14 j 01:35	0°♒	
asc. node	-9669 Apr 15 j 15:52	3°♒11'13	
morning set	-9669 Apr 16 j 14:27	5°♒05'42	
superior conj	-9669 Apr 24 j 07:56	20°♒57'44	1°15'10
minimum elong	-9669 Apr 24 j 05:04	20°♒43'14	1°14'21
	-9669 Apr 28 j 20:45	0°♓	
max. Earth dist.	-9669 Apr 28 j 22:01	0°♓06'09	1.35991 AU
evening rise	-9669 May 03 j 04:52	8°♓15'54	
	-9669 May 15 j 19:30	0°♈	
desc. node	-9669 Jun 01 j 03:18	23°♈11'24	
	-9669 Jun 07 j 04:08	0°♉	
evening max el	-9669 Jun 07 j 21:33	0°♉43'34	26°15'39
retrograde	-9669 Jun 20 j 13:14	8°♉00'20	
evening set	-9669 Jun 26 j 23:30	5°♉15'13	
min. Earth dist.	-9669 Jul 01 j 01:37	0°♉49'12	0.66120 AU
	-9669 Jul 01 j 17:24	30°℞♈	
inferior conj	-9669 Jul 02 j 11:43	29°♈02'31	-2°49'32
minimum elong	-9669 Jul 02 j 14:24	28°♈54'07	2°48'38
morning rise	-9669 Jul 08 j 05:24	23°♈12'11	
direct	-9669 Jul 11 j 11:17	22°♈11'39	
asc. node	-9669 Jul 12 j 16:29	22°♈19'54	
morning max el	-9669 Jul 18 j 09:43	26°♈07'15	19°02'37
	-9669 Jul 21 j 17:32	0°♉	
morning set	-9669 Aug 09 j 13:36	28°♉42'54	
	-9669 Aug 10 j 09:00	0°♊	
max. Earth dist.	-9669 Aug 24 j 17:33	22°♊43'12	1.44593 AU
superior conj	-9669 Aug 25 j 16:23	24°♊13'28	0°14'14
minimum elong	-9669 Aug 25 j 18:14	24°♊20'48	0°14'35
behind sun begin	-9669 Aug 25 j 13:00	24°♊00'08	
behind sun end	-9669 Aug 25 j 23:27	24°♊41'28	
desc. node	-9669 Aug 28 j 00:51	27°♊57'10	
	-9669 Aug 29 j 07:49	0°♋	
evening rise	-9669 Sep 10 j 07:17	19°♋12'57	
	-9669 Sep 16 j 22:59	0°♌	
evening max el	-9669 Sep 30 j 20:25	19°♌55'38	18°45'23
retrograde	-9669 Oct 07 j 14:46	23°♌43'42	
asc. node	-9669 Oct 08 j 16:05	23°♌37'24	
evening set	-9669 Oct 10 j 14:53	22°♌52'43	
inferior conj	-9669 Oct 16 j 13:05	17°♌09'57	2°23'36
minimum elong	-9669 Oct 16 j 09:59	17°♌19'16	2°23'02
min. Earth dist.	-9669 Oct 18 j 06:03	15°♌06'55	0.64951 AU
morning rise	-9669 Oct 22 j 04:38	11°♌01'24	
direct	-9669 Oct 28 j 19:15	8°♌16'13	
morning max el	-9669 Nov 10 j 21:24	15°♌46'12	26°54'30
	-9669 Nov 22 j 18:29	0°♍	
desc. node	-9669 Nov 24 j 01:21	1°♍47'02	
	-9669 Dec 11 j 15:48	0°♎	
morning set	-9669 Dec 16 j 11:53	9°♎00'12	
max. Earth dist.	-9669 Dec 21 j 00:55	17°♎57'30	1.34602 AU
superior conj	-9669 Dec 24 j 20:13	25°♎46'39	-1°26'51
minimum elong	-9669 Dec 24 j 22:27	25°♎58'18	1°26'49
	-9669 Dec 26 j 20:33	0°♏	
evening rise	-9668 Jan 01 j 06:03	11°♏20'22	
asc. node	-9668 Jan 04 j 14:01	18°♏06'49	
	-9668 Jan 11 j 01:44	0°♐	
evening max el	-9668 Jan 21 j 11:43	13°♐38'14	21°29'04
retrograde	-9668 Feb 02 j 08:26	19°♐15'42	
evening set	-9668 Feb 05 j 03:52	18°♐57'47	
inferior conj	-9668 Feb 14 j 05:53	14°♐56'52	1°31'08
minimum elong	-9668 Feb 14 j 09:43	14°♐51'24	1°29'23
min. Earth dist.	-9668 Feb 14 j 15:19	14°♐43'27	0.55397 AU
desc. node	-9668 Feb 20 j 02:23	11°♐55'11	
morning rise	-9668 Feb 23 j 15:22	10°♐48'24	
direct	-9668 Feb 26 j 10:09	10°♐31'15	
morning max el	-9668 Mar 09 j 23:50	16°♐34'59	21°58'53
	-9668 Mar 20 j 08:57	0°♑	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9668 Mar 30 j 23:57	19°♉57'14		
asc. node	-9668 Apr 01 j 12:48	23°♉09'18		
	-9668 Apr 04 j 18:44	0°♒		
superior conj	-9668 Apr 07 j 08:12	5°♒23'19	0°53'55	
minimum elong	-9668 Apr 07 j 05:58	5°♒11'39	0°53'01	
max. Earth dist.	-9668 Apr 10 j 14:36	12°♒08'50	1.34673 AU	
evening rise	-9668 Apr 15 j 11:19	21°♒48'59		
	-9668 Apr 19 j 19:49	0°♓		
	-9668 May 08 j 13:59	0°♈		
desc. node	-9668 May 18 j 00:43	11°♈38'21		
evening max el	-9668 May 20 j 08:23	14°♈01'15	27°04'03	
retrograde	-9668 Jun 02 j 15:15	21°♈30'10		
evening set	-9668 Jun 09 j 11:35	18°♈42'29		
min. Earth dist.	-9668 Jun 13 j 06:45	14°♈54'41	0.65009 AU	
inferior conj	-9668 Jun 15 j 07:07	12°♈34'44	-3°19'04	
minimum elong	-9668 Jun 15 j 09:29	12°♈27'52	3°18'36	
morning rise	-9668 Jun 21 j 07:46	6°♈59'34		
direct	-9668 Jun 24 j 07:14	6°♈11'08		
asc. node	-9668 Jun 28 j 13:20	7°♈45'32		
morning max el	-9668 Jun 30 j 20:55	9°♈46'06	18°24'41	
	-9668 Jul 14 j 19:11	0°♉		
morning set	-9668 Jul 20 j 04:10	8°♉53'26		
	-9668 Aug 02 j 03:24	0°♊		
superior conj	-9668 Aug 03 j 17:03	2°♊30'16	0°58'54	
minimum elong	-9668 Aug 03 j 23:16	2°♊55'01	0°58'42	
max. Earth dist.	-9668 Aug 06 j 10:43	6°♊51'14	1.44479 AU	
desc. node	-9668 Aug 13 j 22:00	18°♊38'10		
evening rise	-9668 Aug 20 j 08:19	28°♊43'22		
	-9668 Aug 21 j 03:53	0°♋		
greatest brilliancy	-9668 Aug 30 j 19:34	15°♋01'10	-0.7m	
	-9668 Sep 10 j 06:14	0°♌		
evening max el	-9668 Sep 13 j 05:26	3°♌24'21	19°29'54	
retrograde	-9668 Sep 20 j 10:43	7°♌33'54		
evening set	-9668 Sep 23 j 18:56	6°♌28'59		
asc. node	-9668 Sep 24 j 13:14	5°♌56'14		
inferior conj	-9668 Sep 29 j 10:16	0°♌33'36	1°33'00	
minimum elong	-9668 Sep 29 j 08:10	0°♌40'22	1°32'44	
	-9668 Sep 29 j 20:42	30°℞♋		
min. Earth dist.	-9668 Sep 30 j 14:54	29°♋01'32	0.65973 AU	
morning rise	-9668 Oct 04 j 21:06	24°♋17'53		
direct	-9668 Oct 10 j 22:40	21°♋42'10		
morning max el	-9668 Oct 23 j 07:28	28°♋57'34	25°54'00	
	-9668 Oct 24 j 07:58	0°♌		
desc. node	-9668 Nov 09 j 22:02	21°♌21'04		
	-9668 Nov 15 j 13:49	0°♍		
morning set	-9668 Nov 28 j 10:03	21°♍54'51		
max. Earth dist.	-9668 Dec 02 j 09:55	29°♍25'00	1.36050 AU	
	-9668 Dec 02 j 17:11	0°♎		
superior conj	-9668 Dec 07 j 16:47	9°♎50'10	-1°38'13	
minimum elong	-9668 Dec 07 j 18:20	9°♎57'55	1°38'11	
evening rise	-9668 Dec 15 j 12:47	25°♎51'53		
	-9668 Dec 17 j 13:55	0°♏		
asc. node	-9668 Dec 21 j 11:18	7°♏30'42		
evening max el	-9667 Jan 02 j 18:36	25°♏09'52	20°10'47	
retrograde	-9667 Jan 13 j 01:19	29°♏59'40		
evening set	-9667 Jan 15 j 14:31	29°♏43'08		
inferior conj	-9667 Jan 24 j 06:04	25°♏42'31	3°03'07	
minimum elong	-9667 Jan 24 j 11:44	25°♏33'54	3°01'21	
min. Earth dist.	-9667 Jan 26 j 05:09	24°♏31'12	0.55969 AU	
morning rise	-9667 Feb 02 j 07:03	21°♏12'20		
desc. node	-9667 Feb 05 j 23:18	20°♏39'41		
direct	-9667 Feb 06 j 03:26	20°♏39'37		
morning max el	-9667 Feb 19 j 18:28	27°♏25'26	23°34'49	
	-9667 Feb 22 j 06:34	0°♐		
	-9667 Mar 13 j 01:47	0°♉		
morning set	-9667 Mar 15 j 11:51	4°♉59'00		
asc. node	-9667 Mar 19 j 09:49	13°♉18'23		
superior conj	-9667 Mar 22 j 14:19	20°♉09'01	0°30'51	
minimum elong	-9667 Mar 22 j 13:01	20°♉02'02	0°30'01	
max. Earth dist.	-9667 Mar 24 j 16:50	24°♉37'43	1.33708 AU	
	-9667 Mar 27 j 06:29	0°♒		
evening rise	-9667 Mar 30 j 05:09	5°♒58'45		
	-9667 Apr 12 j 10:55	0°♓		
evening max el	-9667 May 02 j 18:32	27°♓01'51	27°25'47	
desc. node	-9667 May 04 j 22:05	29°♓00'16		
	-9667 May 06 j 02:46	0°♈		
retrograde	-9667 May 16 j 11:44	4°♈34'21		
evening set	-9667 May 23 j 12:01	1°♈57'05		
	-9667 May 25 j 19:15	30°℞♓		
min. Earth dist.	-9667 May 27 j 03:19	28°♓41'29	0.63508 AU	
inferior conj	-9667 May 29 j 18:11	25°♓56'56	-3°37'35	
minimum elong	-9667 May 29 j 19:32	25°♓53'25	3°37'36	
morning rise	-9667 Jun 05 j 03:57	20°♓39'13		
direct	-9667 Jun 07 j 22:29	20°♓00'53		
morning max el	-9667 Jun 14 j 10:40	23°♓25'03	18°04'13	
asc. node	-9667 Jun 15 j 10:10	24°♓26'46		
	-9667 Jun 19 j 16:12	0°♈		
morning set	-9667 Jul 01 j 19:50	20°♈14'03		
	-9667 Jul 07 j 12:06	0°♉		
superior conj	-9667 Jul 14 j 10:42	11°♉37'51	1°31'08	
minimum elong	-9667 Jul 14 j 16:18	12°♉00'57	1°31'01	
max. Earth dist.	-9667 Jul 20 j 01:04	20°♉44'24	1.43683 AU	
	-9667 Jul 25 j 20:53	0°♊		
evening rise	-9667 Jul 30 j 12:37	7°♊16'21		
desc. node	-9667 Jul 31 j 19:15	9°♊14'59		
	-9667 Aug 14 j 12:26	0°♋		
evening max el	-9667 Aug 27 j 08:49	16°♋50'51	20°29'30	
retrograde	-9667 Sep 04 j 07:36	21°♋30'15		
evening set	-9667 Sep 08 j 02:12	20°♋08'15		
asc. node	-9667 Sep 11 j 10:21	16°♋47'01		
inferior conj	-9667 Sep 13 j 12:27	14°♋03'31	0°40'42	
minimum elong	-9667 Sep 13 j 11:32	14°♋06'39	0°40'54	
min. Earth dist.	-9667 Sep 14 j 05:53	13°♋04'51	0.66691 AU	
morning rise	-9667 Sep 18 j 20:38	7°♋44'20		
direct	-9667 Sep 24 j 07:42	5°♋24'19		
morning max el	-9667 Oct 05 j 16:54	12°♋12'00	24°37'03	
	-9667 Oct 20 j 01:17	0°♌		
desc. node	-9667 Oct 27 j 18:47	11°♌20'06		
	-9667 Nov 08 j 08:04	0°♍		
morning set	-9667 Nov 10 j 12:33	3°♍46'39		
max. Earth dist.	-9667 Nov 14 j 09:47	10°♍41'50	1.37865 AU	
superior conj	-9667 Nov 21 j 02:48	23°♍17'02	-1°43'08	
minimum elong	-9667 Nov 21 j 02:53	23°♍17'30	1°42'59	
	-9667 Nov 24 j 13:10	0°♎		
evening rise	-9667 Nov 29 j 14:12	10°♎01'44		
asc. node	-9667 Dec 08 j 08:36	26°♎24'35		
	-9667 Dec 10 j 14:55	0°♏		
evening max el	-9667 Dec 16 j 11:47	7°♏15'56	19°10'31	
retrograde	-9667 Dec 25 j 06:39	11°♏26'44		
evening set	-9667 Dec 27 j 18:44	11°♏07'53		
inferior conj	-9666 Jan 04 j 20:33	6°♏54'09	3°58'13	
minimum elong	-9666 Jan 05 j 00:00	6°♏48'12	3°57'32	
min. Earth dist.	-9666 Jan 07 j 19:33	4°♏52'48	0.57280 AU	
morning rise	-9666 Jan 13 j 02:59	1°♏58'21		
direct	-9666 Jan 18 j 07:56	0°♏55'08		
desc. node	-9666 Jan 23 j 20:09	2°♏05'49		
morning max el	-9666 Feb 01 j 09:12	8°♏05'40	25°09'56	
	-9666 Feb 17 j 13:46	0°♐		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9666 Feb 28 j 00:21	20°♐04'20	
	-9666 Mar 04 j 15:33	0°♑	
asc. node	-9666 Mar 06 j 06:54	3°♑33'48	
superior conj	-9666 Mar 07 j 00:06	5°♑07'13	0°07'05
minimum elong	-9666 Mar 06 j 23:49	5°♑05'42	0°06'27
behind sun begin	-9666 Mar 06 j 19:11	4°♑40'30	
behind sun end	-9666 Mar 07 j 04:28	5°♑30'53	
max. Earth dist.	-9666 Mar 08 j 02:17	7°♑29'04	1.33084 AU
evening rise	-9666 Mar 14 j 06:54	20°♑33'48	
	-9666 Mar 19 j 01:35	0°♒	
	-9666 Apr 06 j 16:52	0°♓	
evening max el	-9666 Apr 15 j 01:57	9°♓34'43	27°16'03
desc. node	-9666 Apr 21 j 19:24	14°♓50'57	
retrograde	-9666 Apr 29 j 01:36	17°♓04'35	
evening set	-9666 May 05 j 21:16	14°♓51'32	
min. Earth dist.	-9666 May 09 j 14:48	11°♓56'58	0.61684 AU
inferior conj	-9666 May 12 j 17:50	9°♓03'05	-3°40'49
minimum elong	-9666 May 12 j 17:22	9°♓04'09	3°41'05
morning rise	-9666 May 19 j 15:07	4°♓04'35	
direct	-9666 May 22 j 05:48	3°♓34'44	
morning max el	-9666 May 29 j 00:28	6°♓58'38	18°02'09
asc. node	-9666 Jun 02 j 07:02	12°♓08'28	
	-9666 Jun 12 j 22:07	0°♈	
morning set	-9666 Jun 14 j 08:42	2°♈36'39	
superior conj	-9666 Jun 25 j 07:17	22°♈05'27	1°47'13
minimum elong	-9666 Jun 25 j 09:30	22°♈15'00	1°47'17
	-9666 Jun 29 j 22:49	0°♉	
max. Earth dist.	-9666 Jul 02 j 10:35	4°♉08'24	1.42321 AU
evening rise	-9666 Jul 09 j 15:48	15°♉47'25	
desc. node	-9666 Jul 18 j 16:34	29°♉44'20	
	-9666 Jul 18 j 20:43	0°♊	
	-9666 Aug 09 j 23:50	0°♋	
evening max el	-9666 Aug 10 j 05:31	0°♋14'33	21°41'25
retrograde	-9666 Aug 19 j 03:27	5°♋30'50	
evening set	-9666 Aug 23 j 10:37	3°♋49'01	
	-9666 Aug 26 j 23:34	30°℞♊	
inferior conj	-9666 Aug 28 j 17:38	27°♊37'57	-0°11'12
minimum elong	-9666 Aug 28 j 17:52	27°♊37'09	0°10'33
transit middle	-9666 Aug 28 j 17:52	27°♊37'09	0°10'33
transit begin	-9666 Aug 28 j 15:47	27°♊44'17	
transit end	-9666 Aug 28 j 19:56	27°♊30'01	
min. Earth dist.	-9666 Aug 29 j 00:34	27°♊14'03	0.67121 AU
asc. node	-9666 Aug 29 j 07:25	26°♊50'31	
morning rise	-9666 Sep 03 j 00:57	21°♊19'02	
direct	-9666 Sep 07 j 21:35	19°♊17'49	
morning max el	-9666 Sep 18 j 03:13	25°♊26'42	23°12'53
	-9666 Sep 22 j 05:33	0°♋	
	-9666 Oct 13 j 14:39	0°♌	
desc. node	-9666 Oct 14 j 15:36	1°♌36'55	
morning set	-9666 Oct 22 j 13:55	14°♌22'15	
max. Earth dist.	-9666 Oct 27 j 07:31	22°♌22'47	1.39867 AU
	-9666 Oct 31 j 15:32	0°♍	
superior conj	-9666 Nov 03 j 21:50	5°♍55'26	-1°39'14
minimum elong	-9666 Nov 03 j 19:47	5°♍46'01	1°38'50
evening rise	-9666 Nov 13 j 07:46	23°♍43'43	
	-9666 Nov 16 j 14:55	0°♎	
asc. node	-9666 Nov 25 j 05:54	14°♎38'50	
evening max el	-9666 Nov 29 j 14:03	19°♎52'42	18°30'15
retrograde	-9666 Dec 07 j 05:57	23°♎38'20	
evening set	-9666 Dec 09 j 18:17	23°♎15'24	
inferior conj	-9666 Dec 17 j 06:19	18°♎41'13	4°15'22
minimum elong	-9666 Dec 17 j 06:15	18°♎41'21	4°15'15
min. Earth dist.	-9666 Dec 20 j 12:39	16°♎06'38	0.59039 AU
morning rise	-9666 Dec 24 j 16:26	13°♎23'25	
direct	-9666 Dec 31 j 00:18	11°♎41'48	
desc. node	-9665 Jan 10 j 16:57	16°♎06'15	
morning max el	-9665 Jan 14 j 02:29	19°♎03'40	26°29'15
	-9665 Jan 23 j 09:36	0°♏	
	-9665 Feb 10 j 00:01	0°♐	
morning set	-9665 Feb 12 j 11:37	5°♐06'11	
superior conj	-9665 Feb 19 j 11:40	20°♐10'45	-0°16'32
minimum elong	-9665 Feb 19 j 12:23	20°♐14'38	0°16'56
max. Earth dist.	-9665 Feb 19 j 15:31	20°♐31'48	1.32787 AU
asc. node	-9665 Feb 21 j 04:01	23°♐50'52	
	-9665 Feb 24 j 00:22	0°♑	
evening rise	-9665 Feb 26 j 13:52	5°♑24'13	
	-9665 Mar 11 j 19:01	0°♒	
evening max el	-9665 Mar 28 j 04:26	21°♒30'31	26°33'37
desc. node	-9665 Apr 08 j 16:40	28°♒36'07	
retrograde	-9665 Apr 11 j 07:07	28°♒53'09	
evening set	-9665 Apr 17 j 12:00	27°♒14'11	
min. Earth dist.	-9665 Apr 21 j 17:40	24°♒26'13	0.59691 AU
inferior conj	-9665 Apr 25 j 02:20	21°♒43'44	-3°22'37
minimum elong	-9665 Apr 24 j 23:38	21°♒49'12	3°22'41
morning rise	-9665 May 02 j 13:49	17°♒05'33	
direct	-9665 May 05 j 01:06	16°♒42'53	
morning max el	-9665 May 12 j 11:30	20°♒18'40	18°19'13
	-9665 May 19 j 19:00	0°♓	
asc. node	-9665 May 20 j 03:54	0°♓36'25	
morning set	-9665 May 28 j 13:46	15°♓48'53	
	-9665 Jun 05 j 03:09	0°♈	
superior conj	-9665 Jun 07 j 05:24	3°♈50'04	1°49'18
minimum elong	-9665 Jun 07 j 04:34	3°♈46'17	1°49'16
max. Earth dist.	-9665 Jun 14 j 14:48	16°♈53'02	1.40576 AU
evening rise	-9665 Jun 19 j 14:26	25°♈15'08	
	-9665 Jun 22 j 12:28	0°♉	
desc. node	-9665 Jul 05 j 13:55	20°♉01'17	
	-9665 Jul 12 j 15:39	0°♊	
evening max el	-9665 Jul 23 j 20:03	13°♊35'48	23°01'21
retrograde	-9665 Aug 02 j 20:53	19°♊32'48	
evening set	-9665 Aug 07 j 18:17	17°♊29'45	
inferior conj	-9665 Aug 12 j 23:55	11°♊15'00	-1°01'07
minimum elong	-9665 Aug 13 j 01:12	11°♊10'35	1°00'06
min. Earth dist.	-9665 Aug 12 j 20:25	11°♊27'05	0.67258 AU
asc. node	-9665 Aug 16 j 04:25	7°♊06'34	
morning rise	-9665 Aug 18 j 08:02	4°♊59'58	
direct	-9665 Aug 22 j 15:23	3°♊18'03	
morning max el	-9665 Aug 31 j 17:23	8°♊44'08	21°49'56
	-9665 Sep 16 j 23:40	0°♋	
desc. node	-9665 Oct 01 j 12:29	22°♋05'49	
morning set	-9665 Oct 02 j 12:23	23°♋40'32	
	-9665 Oct 06 j 10:47	0°♌	
max. Earth dist.	-9665 Oct 09 j 09:56	4°♌52'07	1.41778 AU
superior conj	-9665 Oct 16 j 20:20	17°♌30'24	-1°23'50
minimum elong	-9665 Oct 16 j 16:03	17°♌11'47	1°23'02
	-9665 Oct 23 j 20:27	0°♍	
evening rise	-9665 Oct 27 j 14:08	6°♍50'08	
	-9665 Nov 10 j 10:17	0°♎	
asc. node	-9665 Nov 12 j 03:10	2°♎01'16	
evening max el	-9665 Nov 12 j 22:53	2°♎52'40	18°10'08
retrograde	-9665 Nov 19 j 22:05	6°♎26'21	
evening set	-9665 Nov 22 j 11:24	5°♎58'11	
inferior conj	-9665 Nov 29 j 10:53	1°♎02'03	4°03'42
minimum elong	-9665 Nov 29 j 08:17	1°♎07'59	4°03'27
	-9665 Nov 30 j 13:50	30°℞♍	
min. Earth dist.	-9665 Dec 02 j 12:08	28°♍15'23	0.60920 AU
morning rise	-9665 Dec 06 j 03:54	25°♍25'59	
direct	-9665 Dec 13 j 02:32	23°♍10'08	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9665 Dec 26 j 09:42	0°♎	
morning max el	-9665 Dec 27 j 02:08	0°♎38'58	27°20'12
desc. node	-9665 Dec 28 j 13:42	2°♎07'56	
	-9664 Jan 17 j 08:32	0°♏	
morning set	-9664 Jan 27 j 19:50	19°♏57'52	
	-9664 Feb 01 j 13:37	0°♐	
max. Earth dist.	-9664 Feb 03 j 04:50	3°♐32'44	1.32817 AU
superior conj	-9664 Feb 03 j 23:22	5°♐13'43	-0°39'07
minimum elong	-9664 Feb 04 j 00:56	5°♐22'12	0°39'19
asc. node	-9664 Feb 08 j 01:09	14°♐05'37	
evening rise	-9664 Feb 10 j 23:55	20°♐22'29	
	-9664 Feb 15 j 18:04	0°♑	
	-9664 Mar 06 j 07:16	0°♒	
evening max el	-9664 Mar 09 j 01:05	2°♒48'50	25°22'49
retrograde	-9664 Mar 23 j 02:19	9°♒58'34	
desc. node	-9664 Mar 25 j 13:50	9°♒43'54	
evening set	-9664 Mar 28 j 07:11	8°♒54'55	
min. Earth dist.	-9664 Apr 02 j 14:03	5°♒59'09	0.57781 AU
inferior conj	-9664 Apr 05 j 16:16	3°♒49'55	-2°35'48
minimum elong	-9664 Apr 05 j 12:06	3°♒57'13	2°35'22
	-9664 Apr 12 j 06:52	30°℞♑	
morning rise	-9664 Apr 13 j 20:15	29°♑31'19	
direct	-9664 Apr 16 j 04:05	29°♑14'35	
	-9664 Apr 19 j 21:19	0°♒	
morning max el	-9664 Apr 24 j 16:55	3°♒16'29	18°55'58
asc. node	-9664 May 06 j 00:46	19°♒39'50	
morning set	-9664 May 11 j 06:46	29°♒40'08	
	-9664 May 11 j 10:49	0°♓	
superior conj	-9664 May 19 j 23:44	16°♓37'46	1°41'07
minimum elong	-9664 May 19 j 21:13	16°♓25'50	1°40'46
max. Earth dist.	-9664 May 26 j 15:30	28°♓57'45	1.38687 AU
	-9664 May 27 j 05:24	0°♈	
evening rise	-9664 May 30 j 16:24	6°♈04'30	
	-9664 Jun 14 j 13:05	0°♉	
desc. node	-9664 Jun 21 j 11:17	10°♉00'09	
evening max el	-9664 Jul 05 j 06:39	26°♉57'13	24°22'58
	-9664 Jul 08 j 15:06	0°♊	
retrograde	-9664 Jul 16 j 10:56	3°♊33'02	
evening set	-9664 Jul 21 j 23:18	1°♊09'45	
	-9664 Jul 23 j 04:01	30°℞♉	
min. Earth dist.	-9664 Jul 26 j 15:08	25°♉42'50	0.67087 AU
inferior conj	-9664 Jul 27 j 05:39	24°♉53'46	-1°47'29
minimum elong	-9664 Jul 27 j 07:45	24°♉46'40	1°46'19
morning rise	-9664 Aug 01 j 16:10	18°♉45'54	
asc. node	-9664 Aug 02 j 01:22	18°♉29'48	
direct	-9664 Aug 05 j 11:55	17°♉21'59	
morning max el	-9664 Aug 13 j 13:40	22°♉07'49	20°34'45
	-9664 Aug 20 j 01:24	0°♊	
	-9664 Sep 09 j 06:58	0°♋	
morning set	-9664 Sep 10 j 16:18	2°♋09'16	
desc. node	-9664 Sep 17 j 09:23	12°♋42'14	
max. Earth dist.	-9664 Sep 20 j 18:49	18°♋08'10	1.43331 AU
superior conj	-9664 Sep 26 j 16:37	27°♋47'30	-0°54'46
minimum elong	-9664 Sep 26 j 11:49	27°♋27'36	0°53'41
	-9664 Sep 28 j 00:29	0°♌	
evening rise	-9664 Oct 09 j 05:00	19°♌10'26	
	-9664 Oct 15 j 10:19	0°♍	
evening max el	-9664 Oct 26 j 11:21	16°♍07'26	18°09'29
asc. node	-9664 Oct 29 j 00:25	18°♍16'23	
retrograde	-9664 Nov 02 j 02:50	19°♍39'50	
evening set	-9664 Nov 04 j 18:37	19°♍04'52	
inferior conj	-9664 Nov 11 j 07:02	13°♍48'29	3°33'05
minimum elong	-9664 Nov 11 j 03:25	13°♍57'51	3°32'33
min. Earth dist.	-9664 Nov 13 j 20:59	11°♍08'44	0.62690 AU
morning rise	-9664 Nov 17 j 11:19	7°♍57'16	
direct	-9664 Nov 24 j 13:10	5°♍18'59	
morning max el	-9664 Dec 08 j 07:43	12°♍53'09	27°36'30
desc. node	-9664 Dec 14 j 10:24	19°♍36'47	
	-9664 Dec 22 j 03:47	0°♎	
	-9663 Jan 08 j 16:23	0°♏	
morning set	-9663 Jan 10 j 22:41	4°♏30'11	
max. Earth dist.	-9663 Jan 16 j 14:11	16°♏16'18	1.33191 AU
superior conj	-9663 Jan 18 j 09:29	20°♏08'56	-0°59'57
minimum elong	-9663 Jan 18 j 11:37	20°♏20'29	1°00'00
	-9663 Jan 22 j 22:53	0°♐	
asc. node	-9663 Jan 24 j 22:19	4°♐12'49	
evening rise	-9663 Jan 25 j 11:12	5°♐20'39	
	-9663 Feb 07 j 19:21	0°♑	
evening max el	-9663 Feb 18 j 18:08	13°♑42'17	23°53'56
retrograde	-9663 Mar 04 j 09:42	20°♑27'33	
evening set	-9663 Mar 08 j 10:41	19°♑51'22	
desc. node	-9663 Mar 12 j 10:57	18°♑11'49	
min. Earth dist.	-9663 Mar 15 j 06:51	16°♑35'28	0.56268 AU
inferior conj	-9663 Mar 17 j 10:19	15°♑16'24	-1°16'09
minimum elong	-9663 Mar 17 j 07:20	15°♑21'00	1°15'49
morning rise	-9663 Mar 26 j 06:53	11°♑11'54	
direct	-9663 Mar 28 j 12:31	10°♑58'54	
morning max el	-9663 Apr 07 j 13:52	15°♑42'18	19°52'36
	-9663 Apr 17 j 23:47	0°♒	
asc. node	-9663 Apr 22 j 21:38	9°♒09'45	
morning set	-9663 Apr 25 j 08:14	14°♒00'58	
superior conj	-9663 May 03 j 08:52	0°♓13'08	1°26'01
minimum elong	-9663 May 03 j 05:54	29°♒58'22	1°25'20
	-9663 May 03 j 06:14	0°♓	
max. Earth dist.	-9663 May 08 j 17:57	10°♓40'06	1.36897 AU
evening rise	-9663 May 12 j 19:11	18°♓10'20	
	-9663 May 19 j 13:53	0°♈	
desc. node	-9663 Jun 08 j 08:40	29°♈33'08	
	-9663 Jun 08 j 17:00	0°♉	
evening max el	-9663 Jun 17 j 16:21	10°♉21'03	25°38'27
retrograde	-9663 Jun 29 j 20:57	17°♉27'02	
evening set	-9663 Jul 05 j 23:42	14°♉47'44	
min. Earth dist.	-9663 Jul 10 j 06:25	9°♉59'09	0.66573 AU
inferior conj	-9663 Jul 11 j 09:01	8°♉32'56	-2°28'47
minimum elong	-9663 Jul 11 j 11:36	8°♉24'31	2°27'43
morning rise	-9663 Jul 16 j 23:34	2°♉35'20	
asc. node	-9663 Jul 19 j 22:16	1°♉28'25	
direct	-9663 Jul 20 j 09:51	1°♉27'05	
morning max el	-9663 Jul 27 j 16:37	5°♉39'04	19°31'56
	-9663 Aug 14 j 00:05	0°♊	
morning set	-9663 Aug 20 j 21:11	10°♊44'14	
	-9663 Sep 02 j 03:10	0°♋	
max. Earth dist.	-9663 Sep 03 j 08:50	1°♋57'32	1.44321 AU
desc. node	-9663 Sep 04 j 06:23	3°♋23'08	
superior conj	-9663 Sep 06 j 09:43	6°♋47'38	-0°13'00
minimum elong	-9663 Sep 06 j 08:14	6°♋41'43	0°12'14
behind sun begin	-9663 Sep 06 j 00:47	6°♋11'57	
behind sun end	-9663 Sep 06 j 15:41	7°♋11'31	
evening rise	-9663 Sep 20 j 23:06	0°♌32'42	
	-9663 Sep 20 j 15:15	0°♌	
evening max el	-9663 Oct 10 j 00:38	29°♌31'34	18°27'17
	-9663 Oct 10 j 12:02	0°♍	
asc. node	-9663 Oct 15 j 21:39	3°♍08'22	
retrograde	-9663 Oct 16 j 16:00	3°♍11'33	
evening set	-9663 Oct 19 j 12:23	2°♍27'22	
	-9663 Oct 22 j 18:11	30°℞♌	
inferior conj	-9663 Oct 25 j 15:19	26°♌53'34	2°51'01
minimum elong	-9663 Oct 25 j 11:49	27°♌03'35	2°50'22

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9663 Oct 27 j 16:01	24°♌34'22	0.64214 AU
morning rise	-9663 Oct 31 j 10:38	20°♌50'21	
direct	-9663 Nov 07 j 07:07	18°♌03'43	
morning max el	-9663 Nov 20 j 16:46	25°♌38'12	27°18'26
	-9663 Nov 24 j 18:59	0°♍	
desc. node	-9663 Dec 01 j 07:06	8°♍07'42	
	-9663 Dec 15 j 14:21	0°♎	
morning set	-9663 Dec 25 j 17:24	18°♎33'40	
max. Earth dist.	-9663 Dec 30 j 15:46	28°♎30'42	1.33959 AU
	-9663 Dec 31 j 08:58	0°♏	
superior conj	-9662 Jan 02 j 16:10	4°♏49'59	-1°18'05
minimum elong	-9662 Jan 02 j 18:30	5°♏02'23	1°18'04
evening rise	-9662 Jan 09 j 22:03	20°♏12'49	
asc. node	-9662 Jan 11 j 19:32	24°♏07'45	
	-9662 Jan 14 j 18:25	0°♐	
evening max el	-9662 Jan 31 j 12:52	24°♐35'08	22°20'18
	-9662 Feb 09 j 00:58	0°♑	
retrograde	-9662 Feb 13 j 05:16	0°♑40'03	
evening set	-9662 Feb 16 j 08:02	0°♑18'44	
	-9662 Feb 17 j 12:31	30°℞♐	
min. Earth dist.	-9662 Feb 24 j 22:06	26°♐30'19	0.55463 AU
inferior conj	-9662 Feb 25 j 12:29	26°♐09'46	0°28'36
minimum elong	-9662 Feb 25 j 13:43	26°♐07'59	0°27'37
desc. node	-9662 Feb 27 j 07:59	25°♐08'15	
morning rise	-9662 Mar 06 j 20:23	22°♐06'53	
direct	-9662 Mar 09 j 06:37	21°♐53'17	
morning max el	-9662 Mar 21 j 00:06	27°♐28'29	21°08'06
	-9662 Mar 23 j 10:32	0°♑	
morning set	-9662 Apr 09 j 15:26	28°♑43'19	
asc. node	-9662 Apr 09 j 18:32	28°♑59'13	
	-9662 Apr 10 j 06:20	0°♒	
superior conj	-9662 Apr 17 j 04:34	14°♒23'21	1°06'27
minimum elong	-9662 Apr 17 j 01:55	14°♒09'45	1°05'35
max. Earth dist.	-9662 Apr 21 j 04:29	22°♒29'24	1.35388 AU
	-9662 Apr 25 j 00:58	0°♓	
evening rise	-9662 Apr 25 j 17:06	1°♓16'36	
	-9662 May 12 j 14:26	0°♈	
desc. node	-9662 May 26 j 06:05	18°♈28'41	
evening max el	-9662 May 31 j 02:56	23°♈43'50	26°39'10
	-9662 Jun 08 j 11:30	0°♉	
retrograde	-9662 Jun 13 j 02:07	1°♉07'34	
	-9662 Jun 17 j 07:59	30°℞♈	
evening set	-9662 Jun 19 j 17:03	28°♈20'07	
min. Earth dist.	-9662 Jun 23 j 15:59	24°♈10'30	0.65690 AU
inferior conj	-9662 Jun 25 j 08:00	22°♈08'59	-3°03'14
minimum elong	-9662 Jun 25 j 10:37	22°♈01'00	3°02'31
morning rise	-9662 Jul 01 j 04:23	16°♈24'34	
direct	-9662 Jul 04 j 07:14	15°♈29'32	
asc. node	-9662 Jul 06 j 19:08	16°♈03'26	
morning max el	-9662 Jul 11 j 01:15	19°♈15'38	18°44'20
	-9662 Jul 19 j 04:25	0°♉	
morning set	-9662 Jul 31 j 21:05	20°♉13'29	
	-9662 Aug 06 j 23:02	0°♊	
superior conj	-9662 Aug 16 j 10:09	15°♊02'22	0°34'09
minimum elong	-9662 Aug 16 j 14:21	15°♊18'56	0°34'11
max. Earth dist.	-9662 Aug 17 j 01:31	16°♊03'04	1.44631 AU
desc. node	-9662 Aug 22 j 03:30	24°♊04'58	
	-9662 Aug 25 j 21:15	0°♋	
evening rise	-9662 Sep 01 j 15:26	10°♋44'12	
	-9662 Sep 13 j 19:58	0°♌	
evening max el	-9662 Sep 23 j 11:59	12°♌59'49	19°02'27
retrograde	-9662 Sep 30 j 10:11	16°♌55'47	
asc. node	-9662 Oct 02 j 18:50	16°♌23'46	
evening set	-9662 Oct 03 j 13:27	15°♌59'21	
inferior conj	-9662 Oct 09 j 08:33	10°♌11'06	2°02'29
minimum elong	-9662 Oct 09 j 05:50	10°♌19'31	2°02'01
min. Earth dist.	-9662 Oct 10 j 20:13	8°♌20'36	0.65428 AU
morning rise	-9662 Oct 14 j 21:49	3°♌59'10	
direct	-9662 Oct 21 j 07:21	1°♌16'41	
morning max el	-9662 Nov 03 j 02:42	8°♌42'02	26°31'15
desc. node	-9662 Nov 18 j 03:48	27°♌22'23	
	-9662 Nov 19 j 23:06	0°♍	
	-9662 Dec 07 j 23:24	0°♎	
morning set	-9662 Dec 09 j 00:21	1°♎56'54	
max. Earth dist.	-9662 Dec 13 j 06:46	10°♎11'47	1.35161 AU
superior conj	-9662 Dec 17 j 17:14	19°♎09'41	-1°32'21
minimum elong	-9662 Dec 17 j 19:15	19°♎20'06	1°32'19
	-9662 Dec 22 j 22:16	0°♏	
evening rise	-9662 Dec 25 j 06:48	4°♏53'28	
asc. node	-9662 Dec 29 j 16:48	13°♏44'54	
	-9661 Jan 08 j 11:52	0°♐	
evening max el	-9661 Jan 13 j 14:29	5°♐49'19	20°53'56
retrograde	-9661 Jan 24 j 19:11	11°♐05'24	
evening set	-9661 Jan 27 j 11:06	10°♐48'42	
inferior conj	-9661 Feb 05 j 09:27	6°♐50'26	2°13'47
minimum elong	-9661 Feb 05 j 14:36	6°♐42'59	2°11'48
min. Earth dist.	-9661 Feb 06 j 12:16	6°♐11'42	0.55534 AU
desc. node	-9661 Feb 14 j 04:57	2°♐41'16	
morning rise	-9661 Feb 14 j 16:57	2°♐33'54	
direct	-9661 Feb 17 j 21:19	2°♐11'39	
morning max el	-9661 Mar 02 j 23:25	8°♐35'27	22°38'53
	-9661 Mar 18 j 03:42	0°♑	
morning set	-9661 Mar 25 j 02:15	13°♑40'43	
asc. node	-9661 Mar 27 j 15:31	19°♑02'59	
superior conj	-9661 Apr 01 j 07:40	28°♑59'04	0°44'17
minimum elong	-9661 Apr 01 j 05:48	28°♑49'13	0°43'25
	-9661 Apr 01 j 19:12	0°♒	
max. Earth dist.	-9661 Apr 04 j 01:37	4°♒44'46	1.34224 AU
evening rise	-9661 Apr 09 j 04:59	15°♒07'55	
	-9661 Apr 17 j 05:04	0°♓	
	-9661 May 07 j 06:26	0°♈	
desc. node	-9661 May 13 j 03:29	6°♈31'27	
evening max el	-9661 May 13 j 14:01	6°♈57'20	27°16'57
retrograde	-9661 May 27 j 01:48	14°♈27'57	
evening set	-9661 Jun 03 j 00:37	11°♈43'23	
min. Earth dist.	-9661 Jun 06 j 17:47	8°♈10'00	0.64422 AU
inferior conj	-9661 Jun 09 j 00:16	5°♈38'32	-3°28'30
minimum elong	-9661 Jun 09 j 02:17	5°♈32'53	3°28'14
morning rise	-9661 Jun 15 j 04:29	0°♈10'10	
	-9661 Jun 15 j 13:06	30°℞♓	
direct	-9661 Jun 18 j 01:45	29°♓26'08	
	-9661 Jun 20 j 14:40	0°♈	
asc. node	-9661 Jun 23 j 16:00	2°♈03'35	
morning max el	-9661 Jun 24 j 13:46	2°♈55'14	18°13'41
	-9661 Jul 12 j 09:37	0°♉	
morning set	-9661 Jul 12 j 22:43	0°♉55'13	
superior conj	-9661 Jul 26 j 15:52	23°♉34'30	1°14'31
minimum elong	-9661 Jul 26 j 22:25	24°♉00'54	1°14'17
	-9661 Jul 30 j 16:05	0°♊	
max. Earth dist.	-9661 Jul 30 j 18:03	0°♊07'49	1.44229 AU
desc. node	-9661 Aug 09 j 00:42	14°♊44'47	
evening rise	-9661 Aug 12 j 06:06	19°♊46'14	
	-9661 Aug 18 j 20:49	0°♋	
greatest brilliancy	-9661 Aug 24 j 18:30	8°♋59'20	-0.7m
evening max el	-9661 Sep 06 j 18:56	26°♋28'17	19°53'35
	-9661 Sep 11 j 05:30	0°♌	
retrograde	-9661 Sep 14 j 06:41	0°♌49'02	
	-9661 Sep 17 j 04:28	30°℞♋	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9661 Sep 17 j 19:09	29°♋37'05	
asc. node	-9661 Sep 19 j 16:00	28°♋02'06	
inferior conj	-9661 Sep 23 j 08:08	23°♋37'27	1°10'53
minimum elong	-9661 Sep 23 j 06:31	23°♋42'46	1°10'47
min. Earth dist.	-9661 Sep 24 j 07:51	22°♋19'33	0.66323 AU
morning rise	-9661 Sep 28 j 17:37	17°♋20'06	
direct	-9661 Oct 04 j 13:11	14°♋50'32	
morning max el	-9661 Oct 16 j 12:17	21°♋54'48	25°22'40
	-9661 Oct 23 j 15:03	0°♌	
desc. node	-9661 Nov 05 j 00:31	17°♌08'10	
	-9661 Nov 13 j 05:13	0°♍	
morning set	-9661 Nov 21 j 14:48	14°♍26'11	
max. Earth dist.	-9661 Nov 25 j 11:24	21°♍31'30	1.36786 AU
	-9661 Nov 29 j 21:28	0°♎	
superior conj	-9661 Dec 01 j 09:47	2°♎58'59	-1°41'15
minimum elong	-9661 Dec 01 j 10:48	3°♎04'03	1°41'10
evening rise	-9661 Dec 09 j 11:34	19°♎16'36	
	-9661 Dec 14 j 23:14	0°♏	
asc. node	-9661 Dec 16 j 14:07	2°♏57'02	
evening max el	-9661 Dec 27 j 01:45	17°♏35'21	19°42'46
retrograde	-9660 Jan 05 j 16:08	22°♏06'59	
evening set	-9660 Jan 08 j 04:47	21°♏49'35	
inferior conj	-9660 Jan 16 j 14:34	17°♏44'31	3°31'29
minimum elong	-9660 Jan 16 j 19:41	17°♏36'22	3°30'09
min. Earth dist.	-9660 Jan 19 j 01:47	16°♏10'40	0.56449 AU
morning rise	-9660 Jan 25 j 08:29	13°♏03'46	
direct	-9660 Jan 29 j 18:46	12°♏19'50	
desc. node	-9660 Feb 01 j 01:51	12°♏31'55	
morning max el	-9660 Feb 12 j 15:26	19°♏17'27	24°16'21
	-9660 Feb 21 j 13:47	0°♐	
morning set	-9660 Mar 08 j 14:39	28°♐45'05	
	-9660 Mar 09 j 04:54	0°♑	
asc. node	-9660 Mar 13 j 12:34	9°♑15'18	
superior conj	-9660 Mar 15 j 15:36	13°♑50'53	0°20'48
minimum elong	-9660 Mar 15 j 14:43	13°♑46'10	0°20'03
max. Earth dist.	-9660 Mar 17 j 07:34	17°♑25'32	1.33403 AU
evening rise	-9660 Mar 23 j 02:35	29°♑29'46	
	-9660 Mar 23 j 08:35	0°♒	
	-9660 Apr 09 j 07:59	0°♓	
evening max el	-9660 Apr 24 j 23:24	19°♓47'55	27°25'36
desc. node	-9660 Apr 29 j 00:50	23°♓18'38	
retrograde	-9660 May 08 j 19:19	27°♓19'02	
evening set	-9660 May 15 j 19:01	24°♓50'29	
min. Earth dist.	-9660 May 19 j 10:21	21°♓45'37	0.62776 AU
inferior conj	-9660 May 22 j 06:54	18°♓55'02	-3°41'09
minimum elong	-9660 May 22 j 07:34	18°♓53'22	3°41'19
morning rise	-9660 May 28 j 21:15	13°♓45'17	
direct	-9660 May 31 j 14:12	13°♓10'35	
morning max el	-9660 Jun 07 j 03:52	16°♓32'51	18°01'02
asc. node	-9660 Jun 09 j 12:51	19°♓12'28	
	-9660 Jun 16 j 16:46	0°♈	
morning set	-9660 Jun 24 j 00:03	12°♈44'06	
	-9660 Jul 03 j 22:24	0°♉	
superior conj	-9660 Jul 05 j 20:38	3°♉15'12	1°39'52
minimum elong	-9660 Jul 06 j 00:55	3°♉33'09	1°39'53
max. Earth dist.	-9660 Jul 12 j 07:11	13°♉52'53	1.43171 AU
evening rise	-9660 Jul 21 j 07:08	28°♉10'56	
	-9660 Jul 22 j 11:11	0°♊	
desc. node	-9660 Jul 25 j 21:58	5°♊19'08	
	-9660 Aug 11 j 17:27	0°♋	
evening max el	-9660 Aug 19 j 19:31	9°♋53'52	20°58'45
retrograde	-9660 Aug 28 j 03:23	14°♋48'04	
evening set	-9660 Sep 01 j 03:11	13°♋17'41	
asc. node	-9660 Sep 05 j 13:05	8°♋26'39	
inferior conj	-9660 Sep 06 j 11:49	7°♋09'44	0°18'31
minimum elong	-9660 Sep 06 j 11:23	7°♋11'12	0°18'55
min. Earth dist.	-9660 Sep 07 j 00:38	6°♋26'03	0.66910 AU
morning rise	-9660 Sep 11 j 19:26	0°♋50'23	
	-9660 Sep 12 j 21:37	30°℞♊	
direct	-9660 Sep 17 j 00:12	28°♊38'28	
	-9660 Sep 21 j 13:08	0°♋	
morning max el	-9660 Sep 27 j 22:00	5°♋10'19	24°01'40
	-9660 Oct 17 j 01:47	0°♌	
desc. node	-9660 Oct 21 j 21:18	7°♌15'54	
morning set	-9660 Nov 02 j 07:15	25°♌47'13	
	-9660 Nov 04 j 17:46	0°♍	
max. Earth dist.	-9660 Nov 06 j 10:01	2°♍57'18	1.38710 AU
superior conj	-9660 Nov 13 j 14:03	16°♍07'07	-1°42'43
minimum elong	-9660 Nov 13 j 13:19	16°♍03'34	1°42'30
	-9660 Nov 20 j 18:03	0°♎	
evening rise	-9660 Nov 22 j 10:03	3°♎16'04	
asc. node	-9660 Dec 02 j 11:25	21°♎35'37	
evening max el	-9660 Dec 08 j 22:58	29°♎54'58	18°50'50
	-9660 Dec 09 j 01:05	0°♏	
retrograde	-9660 Dec 17 j 05:18	3°♏53'49	
evening set	-9660 Dec 19 j 17:17	3°♏33'26	
	-9660 Dec 26 j 10:06	30°℞♎	
inferior conj	-9660 Dec 27 j 13:04	29°♎11'11	4°09'45
minimum elong	-9660 Dec 27 j 15:01	29°♎07'37	4°09'24
min. Earth dist.	-9660 Dec 30 j 16:52	26°♎53'24	0.57988 AU
morning rise	-9659 Jan 04 j 10:40	24°♎05'18	
direct	-9659 Jan 10 j 04:02	22°♎46'21	
desc. node	-9659 Jan 17 j 22:41	25°♎06'57	
	-9659 Jan 24 j 05:39	0°♏	
morning max el	-9659 Jan 24 j 06:47	0°♏02'43	25°46'34
	-9659 Feb 14 j 03:54	0°♐	
morning set	-9659 Feb 21 j 02:51	13°♐49'43	
superior conj	-9659 Feb 28 j 02:20	28°♐51'52	-0°03'01
minimum elong	-9659 Feb 28 j 02:29	28°♐52'41	0°03'34
behind sun begin	-9659 Feb 27 j 21:34	28°♐25'56	
behind sun end	-9659 Feb 28 j 07:23	29°♐19'26	
asc. node	-9659 Feb 28 j 09:38	29°♐31'41	
	-9659 Feb 28 j 14:50	0°♑	
max. Earth dist.	-9659 Feb 28 j 19:04	0°♑23'01	1.32916 AU
evening rise	-9659 Mar 07 j 06:48	14°♑11'50	
	-9659 Mar 15 j 10:38	0°♒	
	-9659 Apr 05 j 03:24	0°♓	
evening max el	-9659 Apr 07 j 04:39	2°♓04'27	27°01'46
desc. node	-9659 Apr 15 j 22:08	8°♓20'10	
retrograde	-9659 Apr 21 j 05:51	9°♓32'14	
evening set	-9659 Apr 27 j 20:42	7°♓32'27	
min. Earth dist.	-9659 May 01 j 17:45	4°♓42'53	0.60846 AU
inferior conj	-9659 May 05 j 00:29	1°♓50'49	-3°36'10
minimum elong	-9659 May 04 j 23:05	1°♓53'54	3°36'24
	-9659 May 07 j 04:40	30°℞♒	
morning rise	-9659 May 12 j 03:32	27°♒01'17	
direct	-9659 May 14 j 16:46	26°♒34'40	
morning max el	-9659 May 21 j 16:52	0°♓01'45	18°07'06
	-9659 May 21 j 16:09	0°♓	
asc. node	-9659 May 27 j 09:42	7°♓15'07	
morning set	-9659 Jun 06 j 20:20	25°♓28'49	
	-9659 Jun 09 j 07:05	0°♈	
superior conj	-9659 Jun 17 j 04:39	14°♈17'16	1°49'35
minimum elong	-9659 Jun 17 j 05:25	14°♈20'40	1°49'40
max. Earth dist.	-9659 Jun 24 j 14:15	27°♈00'29	1.41609 AU
	-9659 Jun 26 j 09:27	0°♉	
evening rise	-9659 Jun 30 j 16:35	6°♉59'54	
desc. node	-9659 Jul 12 j 19:17	25°♉43'49	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9659 Jul 15 j 16:44	0°♊	
evening max el	-9659 Aug 02 j 13:14	23°♊15'34	22°14'43
retrograde	-9659 Aug 11 j 22:28	28°♊49'38	
evening set	-9659 Aug 16 j 11:30	26°♊58'46	
inferior conj	-9659 Aug 21 j 17:40	20°♊45'32	-0°32'45
minimum elong	-9659 Aug 21 j 18:22	20°♊43'07	0°31'55
min. Earth dist.	-9659 Aug 21 j 20:08	20°♊36'58	0.67211 AU
asc. node	-9659 Aug 23 j 10:08	18°♊27'43	
morning rise	-9659 Aug 27 j 01:07	14°♊27'43	
direct	-9659 Aug 31 j 15:47	12°♊34'57	
morning max el	-9659 Sep 10 j 09:44	18°♊26'19	22°37'00
	-9659 Sep 19 j 22:40	0°♋	
desc. node	-9659 Oct 08 j 18:06	27°♋38'16	
	-9659 Oct 10 j 06:01	0°♌	
morning set	-9659 Oct 13 j 20:56	5°♌48'54	
max. Earth dist.	-9659 Oct 19 j 08:56	14°♌56'23	1.40705 AU
superior conj	-9659 Oct 27 j 01:00	28°♌19'46	-1°34'15
minimum elong	-9659 Oct 26 j 21:56	28°♌06'02	1°33'42
	-9659 Oct 27 j 23:12	0°♍	
evening rise	-9659 Nov 05 j 23:17	16°♍43'42	
	-9659 Nov 13 j 04:53	0°♎	
asc. node	-9659 Nov 19 j 08:42	9°♎29'25	
evening max el	-9659 Nov 22 j 04:18	12°♎42'06	18°19'16
retrograde	-9659 Nov 29 j 12:06	16°♎21'23	
evening set	-9659 Dec 02 j 00:34	15°♎56'33	
inferior conj	-9659 Dec 09 j 07:07	11°♎13'12	4°13'18
minimum elong	-9659 Dec 09 j 05:48	11°♎16'01	4°13'11
min. Earth dist.	-9659 Dec 12 j 12:33	8°♎30'32	0.59838 AU
morning rise	-9659 Dec 16 j 09:23	5°♎46'52	
direct	-9659 Dec 23 j 00:58	3°♎49'21	
desc. node	-9658 Jan 04 j 19:26	10°♎02'47	
morning max el	-9658 Jan 06 j 02:41	11°♎15'25	26°54'54
	-9658 Jan 20 j 18:57	0°♏	
morning set	-9658 Feb 05 j 13:02	28°♏47'47	
	-9658 Feb 06 j 02:52	0°♐	
superior conj	-9658 Feb 12 j 14:08	13°♐55'39	-0°26'16
minimum elong	-9658 Feb 12 j 15:14	14°♐01'38	0°26'35
max. Earth dist.	-9658 Feb 12 j 08:33	13°♐25'11	1.32752 AU
asc. node	-9658 Feb 15 j 06:44	19°♐47'57	
evening rise	-9658 Feb 19 j 15:15	29°♐05'54	
	-9658 Feb 20 j 01:39	0°♑	
	-9658 Mar 08 j 22:12	0°♒	
evening max el	-9658 Mar 20 j 04:27	13°♒43'00	26°06'33
desc. node	-9658 Apr 02 j 19:21	21°♒01'24	
retrograde	-9658 Apr 03 j 07:40	21°♒02'03	
evening set	-9658 Apr 09 j 03:04	19°♒38'33	
min. Earth dist.	-9658 Apr 13 j 17:42	16°♒48'43	0.58841 AU
inferior conj	-9658 Apr 17 j 01:25	14°♒17'37	-3°06'42
minimum elong	-9658 Apr 16 j 21:55	14°♒24'20	3°06'33
morning rise	-9658 Apr 24 j 19:44	9°♒48'13	
direct	-9658 Apr 27 j 05:21	9°♒28'24	
morning max el	-9658 May 05 j 01:56	13°♒13'47	18°32'28
asc. node	-9658 May 14 j 06:32	25°♒59'18	
	-9658 May 16 j 12:33	0°♓	
morning set	-9658 May 21 j 06:57	8°♓58'51	
superior conj	-9658 May 30 j 12:05	26°♓30'53	1°46'53
minimum elong	-9658 May 30 j 10:22	26°♓22'56	1°46'43
	-9658 Jun 01 j 09:29	0°♈	
max. Earth dist.	-9658 Jun 06 j 15:58	9°♈25'09	1.39768 AU
evening rise	-9658 Jun 11 j 02:43	17°♈02'03	
	-9658 Jun 19 j 02:27	0°♉	
desc. node	-9658 Jun 29 j 16:39	15°♉54'12	
	-9658 Jul 10 j 04:52	0°♊	
evening max el	-9658 Jul 16 j 01:44	6°♊36'56	23°36'18

retrograde	-9658 Jul 26 j 14:41	12°♊51'32	
evening set	-9658 Jul 31 j 18:16	10°♊39'51	
inferior conj	-9658 Aug 05 j 23:57	4°♊24'09	-1°21'19
minimum elong	-9658 Aug 06 j 01:37	4°♊18'27	1°20'12
min. Earth dist.	-9658 Aug 05 j 15:55	4°♊51'42	0.67223 AU
	-9658 Aug 09 j 10:46	30°℞♉	
asc. node	-9658 Aug 10 j 07:06	29°♉07'33	
morning rise	-9658 Aug 11 j 08:52	28°♉11'28	
direct	-9658 Aug 15 j 11:02	26°♉37'21	
	-9658 Aug 22 j 06:05	0°♊	
morning max el	-9658 Aug 24 j 02:13	1°♊46'06	21°16'35
	-9658 Sep 13 j 20:38	0°♋	
morning set	-9658 Sep 23 j 09:39	14°♋40'27	
desc. node	-9658 Sep 25 j 14:58	18°♋10'48	
max. Earth dist.	-9658 Oct 01 j 13:30	27°♋44'24	1.42501 AU
	-9658 Oct 02 j 22:32	0°♌	
superior conj	-9658 Oct 08 j 12:54	9°♌22'59	-1°13'13
minimum elong	-9658 Oct 08 j 08:03	9°♌02'19	1°12'15
evening rise	-9658 Oct 19 j 23:36	29°♌31'22	
	-9658 Oct 20 j 05:58	0°♍	
evening max el	-9658 Nov 05 j 15:04	25°♍49'17	18°07'34
asc. node	-9658 Nov 06 j 05:58	26°♍25'05	
retrograde	-9658 Nov 12 j 09:53	29°♍20'52	
evening set	-9658 Nov 15 j 00:05	28°♍50'02	
inferior conj	-9658 Nov 21 j 18:42	23°♍45'18	3°52'27
minimum elong	-9658 Nov 21 j 15:30	23°♍53'01	3°52'05
min. Earth dist.	-9658 Nov 24 j 15:47	20°♍59'18	0.61705 AU
morning rise	-9658 Nov 28 j 05:48	18°♍02'34	
direct	-9658 Dec 05 j 07:19	15°♍35'05	
morning max el	-9658 Dec 19 j 04:48	23°♍06'35	27°31'21
desc. node	-9658 Dec 22 j 16:08	26°♍44'37	
	-9658 Dec 25 j 10:37	0°♎	
	-9657 Jan 13 j 20:36	0°♏	
morning set	-9657 Jan 20 j 19:12	13°♏31'38	
max. Earth dist.	-9657 Jan 26 j 20:27	26°♏19'08	1.32928 AU
superior conj	-9657 Jan 28 j 01:21	28°♏55'50	-0°48'13
minimum elong	-9657 Jan 28 j 03:11	29°♏05'50	0°48'22
	-9657 Jan 28 j 13:09	0°♐	
asc. node	-9657 Feb 02 j 03:53	9°♐59'47	
evening rise	-9657 Feb 04 j 02:01	14°♐04'34	
	-9657 Feb 12 j 04:33	0°♑	
evening max el	-9657 Mar 01 j 23:18	24°♑48'48	24°46'36
	-9657 Mar 08 j 23:24	0°♒	
retrograde	-9657 Mar 15 j 22:01	1°♒49'30	
evening set	-9657 Mar 20 j 14:41	0°♒59'18	
desc. node	-9657 Mar 20 j 16:31	0°♒57'41	
	-9657 Mar 22 j 22:34	30°℞♑	
min. Earth dist.	-9657 Mar 26 j 12:29	27°♑56'12	0.57063 AU
inferior conj	-9657 Mar 29 j 06:51	26°♑07'01	-2°05'57
minimum elong	-9657 Mar 29 j 02:47	26°♑13'47	2°05'26
morning rise	-9657 Apr 06 j 18:02	21°♑55'02	
direct	-9657 Apr 09 j 00:32	21°♑40'14	
morning max el	-9657 Apr 18 j 04:00	25°♑58'33	19°17'39
	-9657 Apr 21 j 18:36	0°♒	
asc. node	-9657 May 01 j 03:22	15°♒14'36	
morning set	-9657 May 05 j 03:56	23°♒03'29	
	-9657 May 08 j 15:38	0°♓	
superior conj	-9657 May 13 j 13:16	9°♓39'55	1°35'24
minimum elong	-9657 May 13 j 10:26	9°♓26'12	1°34'53
max. Earth dist.	-9657 May 19 j 16:43	21°♓17'17	1.37901 AU
evening rise	-9657 May 23 j 15:53	28°♓25'33	
	-9657 May 24 j 13:24	0°♈	
	-9657 Jun 12 j 11:28	0°♉	
desc. node	-9657 Jun 16 j 14:05	5°♉43'03	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9657 Jun 28 j 11:50	19°♉59'57	24°56'24	
retrograde	-9657 Jul 10 j 02:59	26°♉49'23		
evening set	-9657 Jul 15 j 21:34	24°♉18'51		
min. Earth dist.	-9657 Jul 20 j 09:30	19°♉07'51	0.66914 AU	
inferior conj	-9657 Jul 21 j 04:54	18°♉03'16	-2°05'42	
minimum elong	-9657 Jul 21 j 07:16	17°♉55'25	2°04'33	
morning rise	-9657 Jul 26 j 16:55	11°♉59'14		
asc. node	-9657 Jul 28 j 04:01	11°♉09'33		
direct	-9657 Jul 30 j 08:29	10°♉42'03		
morning max el	-9657 Aug 07 j 01:16	15°♉12'21	20°06'17	
	-9657 Aug 18 j 07:56	0°♊		
morning set	-9657 Sep 02 j 11:20	23°♊04'26		
	-9657 Sep 06 j 21:50	0°♋		
desc. node	-9657 Sep 12 j 11:58	8°♋49'34		
max. Earth dist.	-9657 Sep 14 j 01:01	11°♋17'21	1.43838 AU	
superior conj	-9657 Sep 18 j 21:21	19°♋06'31	-0°38'21	
minimum elong	-9657 Sep 18 j 17:26	18°♋50'34	0°37'18	
	-9657 Sep 25 j 11:44	0°♌		
evening rise	-9657 Oct 02 j 06:18	11°♌28'39		
	-9657 Oct 13 j 07:30	0°♍		
evening max el	-9657 Oct 20 j 04:19	9°♍09'20	18°14'52	
asc. node	-9657 Oct 24 j 03:11	12°♍07'13		
retrograde	-9657 Oct 26 j 18:40	12°♍43'32		
evening set	-9657 Oct 29 j 12:16	12°♍04'48		
inferior conj	-9657 Nov 04 j 20:26	6°♍40'34	3°16'17	
minimum elong	-9657 Nov 04 j 16:45	6°♍50'30	3°15'39	
min. Earth dist.	-9657 Nov 07 j 04:45	4°♍08'31	0.63380 AU	
morning rise	-9657 Nov 10 j 20:32	0°♍44'10		
	-9657 Nov 11 j 21:00	30°℞♌		
direct	-9657 Nov 17 j 21:07	28°♌00'46		
	-9657 Nov 24 j 10:06	0°♍		
morning max el	-9657 Dec 01 j 12:04	5°♍34'59	27°32'48	
desc. node	-9657 Dec 09 j 12:49	14°♍42'39		
	-9657 Dec 20 j 04:45	0°♎		
morning set	-9656 Jan 04 j 19:00	27°♎53'11		
	-9656 Jan 05 j 20:14	0°♏		
max. Earth dist.	-9656 Jan 10 j 03:05	8°♏52'25	1.33471 AU	
superior conj	-9656 Jan 12 j 10:17	13°♏46'20	-1°08'02	
minimum elong	-9656 Jan 12 j 12:34	13°♏58'33	1°08'03	
evening rise	-9656 Jan 19 j 13:22	29°♏01'38		
asc. node	-9656 Jan 20 j 01:05	0°♐02'51		
	-9656 Jan 20 j 00:32	0°♐		
	-9656 Feb 06 j 13:10	0°♑		
evening max el	-9656 Feb 11 j 16:31	5°♑39'32	23°13'55	
retrograde	-9656 Feb 24 j 23:32	12°♑08'44		
evening set	-9656 Feb 28 j 14:09	11°♑40'15		
desc. node	-9656 Mar 06 j 13:33	8°♑33'57		
min. Earth dist.	-9656 Mar 07 j 04:18	8°♑12'34	0.55830 AU	
inferior conj	-9656 Mar 08 j 17:19	7°♑18'01	-0°33'42	
minimum elong	-9656 Mar 08 j 15:52	7°♑20'10	0°33'49	
morning rise	-9656 Mar 17 j 19:44	3°♑16'05		
direct	-9656 Mar 20 j 02:20	3°♑03'23		
morning max el	-9656 Mar 30 j 20:31	8°♑07'45	20°22'31	
	-9656 Apr 14 j 12:37	0°♒		
asc. node	-9656 Apr 17 j 00:17	4°♒53'40		
morning set	-9656 Apr 18 j 08:10	7°♒34'33		
superior conj	-9656 Apr 26 j 03:22	23°♒31'15	1°18'08	
minimum elong	-9656 Apr 26 j 00:27	23°♒16'34	1°17'21	
	-9656 Apr 29 j 09:21	0°♓		
max. Earth dist.	-9656 Apr 30 j 22:27	3°♓00'52	1.36219 AU	
evening rise	-9656 May 05 j 03:31	10°♓58'47		
	-9656 May 16 j 03:10	0°♈		
desc. node	-9656 Jun 02 j 11:29	25°♈01'18		
	-9656 Jun 06 j 16:28	0°♉		

evening max el	-9656 Jun 09 j 21:54	3°♉23'55	26°06'33	
retrograde	-9656 Jun 22 j 10:48	10°♉38'10		
evening set	-9656 Jun 28 j 19:16	7°♉54'12		
min. Earth dist.	-9656 Jul 02 j 22:31	3°♉22'27	0.66250 AU	
inferior conj	-9656 Jul 04 j 06:40	1°♉40'55	-2°44'20	
minimum elong	-9656 Jul 04 j 09:20	1°♉32'28	2°43'24	
	-9656 Jul 05 j 15:07	30°℞♈		
morning rise	-9656 Jul 09 j 23:29	25°♈48'45		
direct	-9656 Jul 13 j 06:27	24°♈46'19		
asc. node	-9656 Jul 14 j 00:55	24°♈49'39		
morning max el	-9656 Jul 20 j 06:49	28°♈45'46	19°09'45	
	-9656 Jul 21 j 10:21	0°♉		
	-9656 Aug 10 j 16:48	0°♊		
morning set	-9656 Aug 11 j 22:46	1°♊58'30		
max. Earth dist.	-9656 Aug 26 j 17:07	25°♊17'49	1.44542 AU	
superior conj	-9656 Aug 28 j 05:10	27°♊40'32	0°07'04	
minimum elong	-9656 Aug 28 j 06:06	27°♊44'18	0°07'31	
behind sun begin	-9656 Aug 27 j 19:55	27°♊03'55		
behind sun end	-9656 Aug 28 j 16:18	28°♊24'42		
desc. node	-9656 Aug 29 j 09:02	29°♊31'06		
	-9656 Aug 29 j 16:19	0°♋		
evening rise	-9656 Sep 12 j 13:59	22°♋22'20		
	-9656 Sep 17 j 06:05	0°♌		
evening max el	-9656 Oct 02 j 17:06	22°♌35'41	18°40'08	
retrograde	-9656 Oct 09 j 10:30	26°♌21'31		
asc. node	-9656 Oct 10 j 00:25	26°♌19'38		
evening set	-9656 Oct 12 j 09:33	25°♌32'24		
inferior conj	-9656 Oct 18 j 08:55	19°♌51'46	2°31'01	
minimum elong	-9656 Oct 18 j 05:41	20°♌01'20	2°30'24	
min. Earth dist.	-9656 Oct 20 j 03:50	17°♌44'23	0.64767 AU	
morning rise	-9656 Oct 24 j 01:20	13°♌44'25		
direct	-9656 Oct 30 j 17:33	10°♌58'36		
morning max el	-9656 Nov 12 j 21:57	18°♌30'10	27°01'38	
	-9656 Nov 22 j 18:22	0°♍		
desc. node	-9656 Nov 25 j 09:31	3°♍33'56		
	-9656 Dec 12 j 01:58	0°♎		
morning set	-9656 Dec 18 j 09:15	11°♎41'08		
max. Earth dist.	-9656 Dec 23 j 00:46	20°♎54'08	1.34422 AU	
superior conj	-9656 Dec 26 j 14:53	28°♎19'04	-1°24'42	
minimum elong	-9656 Dec 26 j 17:10	28°♎31'01	1°24'40	
	-9656 Dec 27 j 10:07	0°♏		
evening rise	-9655 Jan 02 j 23:35	13°♏49'45		
asc. node	-9655 Jan 05 j 22:20	19°♏51'04		
	-9655 Jan 11 j 07:44	0°♐		
evening max el	-9655 Jan 23 j 13:26	16°♐38'16	21°41'58	
retrograde	-9655 Feb 04 j 15:39	22°♐23'15		
evening set	-9655 Feb 07 j 12:36	22°♐04'42		
inferior conj	-9655 Feb 16 j 15:34	18°♐02'07	1°15'00	
minimum elong	-9655 Feb 16 j 18:47	17°♐57'33	1°13'26	
min. Earth dist.	-9655 Feb 16 j 18:45	17°♐57'35	0.55386 AU	
desc. node	-9655 Feb 21 j 10:33	15°♐29'10		
morning rise	-9655 Feb 26 j 01:06	13°♐55'41		
direct	-9655 Feb 28 j 17:07	13°♐39'49		
morning max el	-9655 Mar 13 j 01:59	19°♐36'19	21°45'18	
	-9655 Mar 21 j 11:52	0°♑		
morning set	-9655 Apr 02 j 17:10	22°♑23'56		
asc. node	-9655 Apr 03 j 21:14	24°♑49'42		
	-9655 Apr 06 j 08:23	0°♒		
superior conj	-9655 Apr 10 j 02:34	7°♒53'16	0°57'16	
minimum elong	-9655 Apr 10 j 00:13	7°♒41'01	0°56'24	
max. Earth dist.	-9655 Apr 13 j 13:24	14°♒59'26	1.34846 AU	
evening rise	-9655 Apr 18 j 07:55	24°♒25'21		
	-9655 Apr 21 j 06:52	0°♓		
	-9655 May 09 j 15:38	0°♈		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9655 May 20 j 08:53	13°♈36'16	
evening max el	-9655 May 23 j 08:39	16°♈43'07	26°58'24
retrograde	-9655 Jun 05 j 13:46	24°♈11'16	
evening set	-9655 Jun 12 j 08:53	21°♈23'07	
min. Earth dist.	-9655 Jun 16 j 04:53	17°♈29'53	0.65197 AU
inferior conj	-9655 Jun 18 j 03:06	15°♈14'22	-3°15'16
minimum elong	-9655 Jun 18 j 05:34	15°♈07'09	3°14'44
morning rise	-9655 Jun 24 j 02:35	9°♈36'47	
direct	-9655 Jun 27 j 02:50	8°♈46'47	
asc. node	-9655 Jun 30 j 21:48	10°♈02'36	
morning max el	-9655 Jul 03 j 17:29	12°♈24'26	18°29'14
	-9655 Jul 16 j 02:24	0°♉	
morning set	-9655 Jul 23 j 09:27	11°♉57'57	
	-9655 Aug 03 j 12:05	0°♊	
superior conj	-9655 Aug 07 j 05:01	5°♊54'35	0°52'46
minimum elong	-9655 Aug 07 j 10:52	6°♊17'49	0°52'36
max. Earth dist.	-9655 Aug 09 j 10:11	9°♊25'26	1.44538 AU
desc. node	-9655 Aug 16 j 06:13	20°♊12'27	
	-9655 Aug 22 j 11:36	0°♋	
evening rise	-9655 Aug 23 j 18:54	2°♋03'03	
greatest brilliancy	-9655 Sep 02 j 08:21	17°♋01'07	-0.8m
	-9655 Sep 11 j 02:59	0°♌	
evening max el	-9655 Sep 16 j 02:48	6°♌04'11	19°22'18
retrograde	-9655 Sep 23 j 06:07	10°♌10'06	
evening set	-9655 Sep 26 j 12:55	9°♌07'33	
asc. node	-9655 Sep 26 j 21:37	8°♌53'05	
inferior conj	-9655 Oct 02 j 05:11	3°♌13'55	1°40'53
minimum elong	-9655 Oct 02 j 02:55	3°♌21'10	1°40'32
min. Earth dist.	-9655 Oct 03 j 11:37	1°♌36'55	0.65840 AU
	-9655 Oct 04 j 19:06	30°℞♋	
morning rise	-9655 Oct 07 j 16:34	26°♋58'59	
direct	-9655 Oct 13 j 20:15	24°♋21'12	
	-9655 Oct 24 j 14:15	0°♌	
morning max el	-9655 Oct 26 j 08:04	1°♌39'54	26°04'13
desc. node	-9655 Nov 12 j 06:15	23°♌03'10	
	-9655 Nov 16 j 20:36	0°♍	
morning set	-9655 Dec 01 j 09:52	24°♍43'28	
	-9655 Dec 04 j 05:14	0°♎	
max. Earth dist.	-9655 Dec 05 j 11:10	2°♎23'50	1.35807 AU
superior conj	-9655 Dec 10 j 12:43	12°♎26'45	-1°36'54
minimum elong	-9655 Dec 10 j 14:24	12°♎35'20	1°36'51
evening rise	-9655 Dec 18 j 06:54	28°♎23'27	
	-9655 Dec 19 j 01:51	0°♏	
asc. node	-9655 Dec 23 j 19:37	9°♏18'20	
evening max el	-9654 Jan 05 j 18:54	28°♏04'50	20°21'23
	-9654 Jan 08 j 01:48	0°♐	
retrograde	-9654 Jan 16 j 07:23	3°♐01'11	
evening set	-9654 Jan 18 j 21:00	2°♐44'47	
	-9654 Jan 25 j 11:34	30°℞♏	
inferior conj	-9654 Jan 27 j 14:28	28°♏45'20	2°51'19
minimum elong	-9654 Jan 27 j 20:09	28°♏36'50	2°49'27
min. Earth dist.	-9654 Jan 29 j 08:46	27°♏42'10	0.55830 AU
morning rise	-9654 Feb 05 j 17:31	24°♏18'46	
desc. node	-9654 Feb 08 j 07:28	23°♏51'50	
direct	-9654 Feb 09 j 09:25	23°♏49'12	
	-9654 Feb 22 j 08:48	0°♐	
morning max el	-9654 Feb 22 j 21:40	0°♐30'10	23°20'16
	-9654 Mar 14 j 13:39	0°♑	
morning set	-9654 Mar 18 j 04:50	7°♑24'31	
asc. node	-9654 Mar 21 j 18:14	14°♑57'17	
superior conj	-9654 Mar 25 j 07:59	22°♑36'30	0°34'24
minimum elong	-9654 Mar 25 j 06:31	22°♑28'43	0°33'35
max. Earth dist.	-9654 Mar 27 j 14:17	27°♑24'23	1.33829 AU
	-9654 Mar 28 j 20:01	0°♒	
evening rise	-9654 Apr 02 j 00:20	8°♒30'38	
	-9654 Apr 13 j 18:23	0°♓	
evening max el	-9654 May 05 j 19:06	29°♓47'22	27°24'32
	-9654 May 06 j 00:20	0°♈	
desc. node	-9654 May 07 j 06:15	1°♈09'37	
retrograde	-9654 May 19 j 11:10	7°♈19'48	
evening set	-9654 May 26 j 11:17	4°♈40'14	
min. Earth dist.	-9654 May 30 j 02:54	1°♈20'15	0.63754 AU
	-9654 May 31 j 09:19	30°℞♓	
inferior conj	-9654 Jun 01 j 15:38	28°♓38'39	-3°35'43
minimum elong	-9654 Jun 01 j 17:11	28°♓34'31	3°35'40
morning rise	-9654 Jun 07 j 23:53	23°♓18'03	
direct	-9654 Jun 10 j 19:03	22°♓38'21	
morning max el	-9654 Jun 17 j 07:00	26°♓03'35	18°06'03
asc. node	-9654 Jun 17 j 18:40	26°♓33'29	
	-9654 Jun 20 j 15:22	0°♈	
morning set	-9654 Jul 04 j 21:35	23°♈08'33	
	-9654 Jul 08 j 21:41	0°♉	
superior conj	-9654 Jul 17 j 19:07	14°♉51'31	1°27'17
minimum elong	-9654 Jul 18 j 01:06	15°♉15'59	1°27'10
max. Earth dist.	-9654 Jul 23 j 00:57	23°♉21'07	1.43844 AU
	-9654 Jul 27 j 05:14	0°♊	
evening rise	-9654 Aug 03 j 01:17	10°♊41'39	
desc. node	-9654 Aug 03 j 03:27	10°♊50'01	
	-9654 Aug 15 j 17:05	0°♋	
evening max el	-9654 Aug 30 j 07:09	19°♋31'01	20°19'48
retrograde	-9654 Sep 07 j 02:54	24°♋05'18	
evening set	-9654 Sep 10 j 19:50	22°♋46'04	
asc. node	-9654 Sep 13 j 18:45	19°♋54'51	
inferior conj	-9654 Sep 16 j 06:45	16°♋42'39	0°48'39
minimum elong	-9654 Sep 16 j 05:38	16°♋46'23	0°48'46
min. Earth dist.	-9654 Sep 17 j 01:49	15°♋38'51	0.66606 AU
morning rise	-9654 Sep 21 j 15:12	10°♋23'50	
direct	-9654 Sep 27 j 04:31	8°♋01'06	
morning max el	-9654 Oct 08 j 17:24	14°♋53'26	24°49'07
	-9654 Oct 21 j 03:39	0°♌	
desc. node	-9654 Oct 30 j 03:01	12°♌58'54	
	-9654 Nov 09 j 17:40	0°♍	
morning set	-9654 Nov 13 j 15:39	6°♍45'21	
max. Earth dist.	-9654 Nov 17 j 11:54	13°♍39'32	1.37575 AU
superior conj	-9654 Nov 24 j 00:34	25°♍59'52	-1°42'55
minimum elong	-9654 Nov 24 j 00:56	26°♍01'38	1°42'49
	-9654 Nov 26 j 01:33	0°♎	
evening rise	-9654 Dec 02 j 09:15	12°♎36'52	
asc. node	-9654 Dec 10 j 16:55	28°♎17'14	
	-9654 Dec 11 j 17:36	0°♏	
evening max el	-9654 Dec 19 j 10:38	10°♏06'11	19°18'16
retrograde	-9654 Dec 28 j 10:13	14°♏21'46	
evening set	-9654 Dec 30 j 22:27	14°♏03'20	
inferior conj	-9653 Jan 08 j 02:20	9°♏52'12	3°52'31
minimum elong	-9653 Jan 08 j 06:18	9°♏45'32	3°51'39
min. Earth dist.	-9653 Jan 10 j 22:54	7°♏57'29	0.57047 AU
morning rise	-9653 Jan 16 j 11:52	5°♏00'16	
direct	-9653 Jan 21 j 12:10	4°♏02'20	
desc. node	-9653 Jan 26 j 04:20	4°♏53'07	
morning max el	-9653 Feb 04 j 12:28	11°♏09'58	24°56'26
	-9653 Feb 18 j 19:55	0°♐	
morning set	-9653 Mar 02 j 17:22	22°♐29'58	
	-9653 Mar 06 j 05:43	0°♑	
asc. node	-9653 Mar 08 j 15:16	5°♑11'57	
superior conj	-9653 Mar 09 j 17:21	7°♑33'28	0°10'42
minimum elong	-9653 Mar 09 j 16:54	7°♑31'06	0°10'02
behind sun begin	-9653 Mar 09 j 12:58	7°♑09'46	
behind sun end	-9653 Mar 09 j 20:50	7°♑52'25	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9653 Mar 10 j 22:59	10°♉13'43	1.33157 AU
evening rise	-9653 Mar 17 j 01:07	23°♉02'54	
	-9653 Mar 20 j 13:03	0°♒	
	-9653 Apr 07 j 14:58	0°♓	
evening max el	-9653 Apr 18 j 03:13	12°♓25'39	27°19'36
desc. node	-9653 Apr 24 j 03:32	17°♓16'21	
retrograde	-9653 May 02 j 01:59	19°♓55'40	
evening set	-9653 May 08 j 23:00	17°♓38'21	
min. Earth dist.	-9653 May 12 j 15:43	14°♓41'29	0.61977 AU
inferior conj	-9653 May 15 j 17:11	11°♓47'55	-3°41'38
minimum elong	-9653 May 15 j 17:03	11°♓48'16	3°41'52
morning rise	-9653 May 22 j 12:35	6°♓46'19	
direct	-9653 May 25 j 03:52	6°♓15'12	
morning max el	-9653 May 31 j 20:54	9°♓38'19	18°01'13
asc. node	-9653 Jun 04 j 15:30	14°♓06'59	
	-9653 Jun 14 j 07:44	0°♈	
morning set	-9653 Jun 17 j 07:37	5°♈22'53	
superior conj	-9653 Jun 28 j 11:35	25°♈06'44	1°45'46
minimum elong	-9653 Jun 28 j 14:20	25°♈18'32	1°45'50
	-9653 Jul 01 j 08:37	0°♉	
max. Earth dist.	-9653 Jul 05 j 11:32	6°♉51'13	1.42561 AU
evening rise	-9653 Jul 13 j 03:11	19°♉08'55	
	-9653 Jul 20 j 03:30	0°♊	
desc. node	-9653 Jul 21 j 00:43	1°♊20'32	
	-9653 Aug 10 j 12:57	0°♋	
evening max el	-9653 Aug 13 j 04:52	2°♋55'00	21°30'05
retrograde	-9653 Aug 21 j 22:56	8°♋05'09	
evening set	-9653 Aug 26 j 04:10	6°♋26'19	
inferior conj	-9653 Aug 31 j 11:33	0°♋16'03	-0°03'29
minimum elong	-9653 Aug 31 j 11:37	0°♋15'50	0°02'53
transit middle	-9653 Aug 31 j 11:37	0°♋15'50	0°02'53
transit begin	-9653 Aug 31 j 08:57	0°♋24'59	
transit end	-9653 Aug 31 j 14:17	0°♋06'40	
asc. node	-9653 Aug 31 j 15:50	0°♋01'19	
	-9653 Aug 31 j 16:13	30°℞♊	
min. Earth dist.	-9653 Aug 31 j 20:00	29°♊47'00	0.67079 AU
morning rise	-9653 Sep 05 j 18:54	23°♊57'00	
direct	-9653 Sep 10 j 17:39	21°♊52'57	
morning max el	-9653 Sep 21 j 03:24	28°♊07'43	23°25'31
	-9653 Sep 22 j 21:46	0°♋	
	-9653 Oct 14 j 21:42	0°♌	
desc. node	-9653 Oct 16 j 23:48	3°♌13'14	
morning set	-9653 Oct 25 j 20:59	17°♌32'24	
max. Earth dist.	-9653 Oct 30 j 09:42	25°♌15'46	1.39566 AU
	-9653 Nov 02 j 02:20	0°♍	
superior conj	-9653 Nov 06 j 22:08	8°♍46'09	-1°40'30
minimum elong	-9653 Nov 06 j 20:26	8°♍38'17	1°40'11
evening rise	-9653 Nov 16 j 04:09	26°♍23'19	
	-9653 Nov 18 j 01:17	0°♎	
asc. node	-9653 Nov 27 j 14:13	16°♎38'07	
evening max el	-9653 Dec 02 j 11:39	22°♎38'31	18°34'58
retrograde	-9653 Dec 10 j 06:53	26°♎27'10	
evening set	-9653 Dec 12 j 19:10	26°♎04'53	
inferior conj	-9653 Dec 20 j 09:10	21°♎33'47	4°14'54
minimum elong	-9653 Dec 20 j 09:36	21°♎32'57	4°14'45
min. Earth dist.	-9653 Dec 23 j 15:14	19°♎03'00	0.58757 AU
morning rise	-9653 Dec 27 j 22:11	16°♎19'02	
direct	-9652 Jan 03 j 02:38	14°♎43'22	
desc. node	-9652 Jan 13 j 01:08	18°♎32'05	
morning max el	-9652 Jan 17 j 05:04	22°♎03'46	26°19'04
	-9652 Jan 24 j 05:48	0°♏	
	-9652 Feb 11 j 12:05	0°♐	
morning set	-9652 Feb 15 j 04:56	7°♐32'43	
superior conj	-9652 Feb 22 j 04:44	22°♐36'21	-0°12'58
minimum elong	-9652 Feb 22 j 05:18	22°♐39'27	0°13'26
behind sun begin	-9652 Feb 22 j 02:40	22°♐25'06	
behind sun end	-9652 Feb 22 j 07:55	22°♐53'48	
max. Earth dist.	-9652 Feb 22 j 11:58	23°♐15'53	1.32812 AU
asc. node	-9652 Feb 23 j 12:19	25°♐28'43	
	-9652 Feb 25 j 14:22	0°♑	
evening rise	-9652 Feb 29 j 07:25	7°♑51'22	
	-9652 Mar 12 j 01:20	0°♒	
evening max el	-9652 Mar 30 j 06:27	24°♒26'46	26°41'51
	-9652 Apr 06 j 15:02	0°♓	
desc. node	-9652 Apr 10 j 00:47	1°♓22'38	
retrograde	-9652 Apr 13 j 08:40	1°♓50'37	
evening set	-9652 Apr 19 j 16:35	0°♓06'03	
	-9652 Apr 19 j 21:00	30°℞♒	
min. Earth dist.	-9652 Apr 23 j 19:37	27°♒18'14	0.59995 AU
inferior conj	-9652 Apr 27 j 04:07	24°♒32'36	-3°27'08
minimum elong	-9652 Apr 27 j 01:46	24°♒37'30	3°27'15
morning rise	-9652 May 04 j 13:20	19°♒51'28	
direct	-9652 May 07 j 01:12	19°♒27'46	
morning max el	-9652 May 14 j 08:30	23°♒00'40	18°15'28
	-9652 May 19 j 22:24	0°♓	
asc. node	-9652 May 21 j 12:18	2°♓28'23	
morning set	-9652 May 30 j 10:33	18°♓28'20	
	-9652 Jun 05 j 14:28	0°♈	
superior conj	-9652 Jun 09 j 06:14	6°♈40'50	1°49'45
minimum elong	-9652 Jun 09 j 05:47	6°♈38'46	1°49'44
max. Earth dist.	-9652 Jun 16 j 16:39	19°♈42'42	1.40852 AU
evening rise	-9652 Jun 21 j 22:04	28°♈25'34	
	-9652 Jun 22 j 21:15	0°♉	
desc. node	-9652 Jul 06 j 22:02	21°♉39'45	
	-9652 Jul 12 j 17:53	0°♊	
evening max el	-9652 Jul 25 j 20:09	16°♊16'24	22°49'08
retrograde	-9652 Aug 04 j 16:50	22°♊07'24	
evening set	-9652 Aug 09 j 12:04	20°♊07'25	
inferior conj	-9652 Aug 14 j 17:47	13°♊52'56	-0°53'48
minimum elong	-9652 Aug 14 j 18:55	13°♊49'02	0°52'49
min. Earth dist.	-9652 Aug 14 j 15:48	13°♊59'46	0.67256 AU
asc. node	-9652 Aug 17 j 12:50	10°♊11'43	
morning rise	-9652 Aug 20 j 01:41	7°♊37'11	
direct	-9652 Aug 24 j 10:52	5°♊52'34	
morning max el	-9652 Sep 02 j 16:55	11°♊25'03	22°01'57
	-9652 Sep 17 j 04:02	0°♋	
desc. node	-9652 Oct 02 j 20:38	23°♋40'35	
morning set	-9652 Oct 04 j 23:15	27°♋01'28	
	-9652 Oct 06 j 19:42	0°♌	
max. Earth dist.	-9652 Oct 11 j 11:17	7°♌37'49	1.41510 AU
superior conj	-9652 Oct 19 j 00:02	20°♌31'16	-1°27'01
minimum elong	-9652 Oct 18 j 20:02	20°♌13'43	1°26'17
	-9652 Oct 24 j 07:09	0°♍	
evening rise	-9652 Oct 29 j 12:26	9°♍35'33	
	-9652 Nov 10 j 07:20	0°♎	
asc. node	-9652 Nov 13 j 11:30	4°♎09'09	
evening max el	-9652 Nov 14 j 19:38	5°♎35'02	18°11'53
retrograde	-9652 Nov 21 j 20:49	9°♎09'57	
evening set	-9652 Nov 24 j 09:50	8°♎42'44	
inferior conj	-9652 Dec 01 j 11:05	3°♎49'47	4°06'52
minimum elong	-9652 Dec 01 j 08:46	3°♎54'59	4°06'40
min. Earth dist.	-9652 Dec 04 j 13:37	1°♎03'32	0.60640 AU
	-9652 Dec 05 j 20:18	30°℞♍	
morning rise	-9652 Dec 08 j 06:22	28°♍16'04	
direct	-9652 Dec 15 j 03:29	26°♍04'42	
	-9652 Dec 25 j 00:19	0°♎	
morning max el	-9652 Dec 29 j 03:48	3°♎32'56	27°14'45
desc. node	-9652 Dec 29 j 21:53	4°♎17'20	
	-9651 Jan 17 j 16:25	0°♏	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9651 Jan 29 j 13:42	22°♏25'55	
	-9651 Feb 02 j 03:46	0°♐	
max. Earth dist.	-9651 Feb 05 j 01:26	6°♐17'11	1.32790 AU
superior conj	-9651 Feb 05 j 16:29	7°♐39'16	-0°35'47
minimum elong	-9651 Feb 05 j 17:55	7°♐47'07	0°36'01
asc. node	-9651 Feb 09 j 09:26	15°♐43'34	
evening rise	-9651 Feb 12 j 17:06	22°♐48'13	
	-9651 Feb 16 j 05:39	0°♑	
	-9651 Mar 06 j 19:35	0°♒	
evening max el	-9651 Mar 12 j 03:45	5°♒49'10	25°34'46
retrograde	-9651 Mar 26 j 05:42	13°♒01'50	
desc. node	-9651 Mar 27 j 21:59	12°♒55'02	
evening set	-9651 Mar 31 j 14:34	11°♒53'09	
min. Earth dist.	-9651 Apr 05 j 16:44	8°♒59'20	0.58047 AU
inferior conj	-9651 Apr 08 j 20:56	6°♒43'44	-2°44'59
minimum elong	-9651 Apr 08 j 16:53	6°♒51'02	2°44'37
morning rise	-9651 Apr 16 j 22:23	2°♒22'36	
direct	-9651 Apr 19 j 06:41	2°♒05'08	
morning max el	-9651 Apr 27 j 14:57	6°♒02'10	18°49'17
asc. node	-9651 May 08 j 09:07	21°♒26'28	
	-9651 May 12 j 22:23	0°♓	
morning set	-9651 May 14 j 01:58	2°♓13'54	
superior conj	-9651 May 22 j 21:53	19°♓19'53	1°42'53
minimum elong	-9651 May 22 j 19:33	19°♓08'49	1°42'34
	-9651 May 28 j 16:27	0°♈	
max. Earth dist.	-9651 May 29 j 17:18	1°♈51'20	1.38962 AU
evening rise	-9651 Jun 02 j 19:54	9°♈02'14	
	-9651 Jun 15 j 19:23	0°♉	
desc. node	-9651 Jun 23 j 19:26	11°♉41'51	
evening max el	-9651 Jul 08 j 07:04	29°♉37'21	24°11'01
	-9651 Jul 08 j 16:13	0°♊	
retrograde	-9651 Jul 19 j 07:32	6°♊08'11	
evening set	-9651 Jul 24 j 17:36	3°♊47'44	
	-9651 Jul 28 j 03:27	30°℞♉	
inferior conj	-9651 Jul 29 j 23:42	27°♉31'40	-1°40'47
minimum elong	-9651 Jul 30 j 01:42	27°♉24'53	1°39'37
min. Earth dist.	-9651 Jul 29 j 10:53	28°♉15'14	0.67129 AU
morning rise	-9651 Aug 04 j 09:45	21°♉22'26	
asc. node	-9651 Aug 04 j 09:47	21°♉22'23	
direct	-9651 Aug 08 j 07:04	19°♉56'02	
morning max el	-9651 Aug 16 j 12:13	24°♉47'46	20°45'14
	-9651 Aug 20 j 23:35	0°♊	
	-9651 Sep 10 j 14:28	0°♋	
morning set	-9651 Sep 14 j 04:52	5°♋34'25	
desc. node	-9651 Sep 19 j 17:33	14°♋16'06	
max. Earth dist.	-9651 Sep 23 j 19:01	20°♋46'37	1.43132 AU
	-9651 Sep 29 j 09:59	0°♌	
superior conj	-9651 Sep 30 j 00:28	1°♌00'20	-1°00'04
minimum elong	-9651 Sep 29 j 19:32	0°♌39'44	0°58'59
evening rise	-9651 Oct 12 j 05:55	22°♌03'12	
	-9651 Oct 16 j 18:23	0°♍	
evening max el	-9651 Oct 29 j 07:43	18°♍47'45	18°08'23
asc. node	-9651 Oct 31 j 08:48	20°♍35'14	
retrograde	-9651 Nov 04 j 23:52	22°♍19'42	
evening set	-9651 Nov 07 j 15:09	21°♍45'55	
inferior conj	-9651 Nov 14 j 05:08	16°♍32'34	3°38'34
minimum elong	-9651 Nov 14 j 01:35	16°♍41'35	3°38'04
min. Earth dist.	-9651 Nov 16 j 21:04	13°♍50'34	0.62443 AU
morning rise	-9651 Nov 20 j 11:03	10°♍43'21	
direct	-9651 Nov 27 j 13:05	8°♍07'18	
morning max el	-9651 Dec 11 j 08:36	15°♍41'13	27°36'15
desc. node	-9651 Dec 16 j 18:35	21°♍34'26	
	-9651 Dec 23 j 05:35	0°♎	
	-9650 Jan 10 j 04:22	0°♏	
morning set	-9650 Jan 13 j 17:30	7°♏01'20	
max. Earth dist.	-9650 Jan 19 j 11:30	19°♏03'18	1.33108 AU
superior conj	-9650 Jan 21 j 02:57	22°♏35'46	-0°56'57
minimum elong	-9650 Jan 21 j 05:01	22°♏46'59	0°57'01
	-9650 Jan 24 j 12:58	0°♐	
asc. node	-9650 Jan 27 j 06:38	5°♐52'07	
evening rise	-9650 Jan 28 j 04:18	7°♐46'26	
	-9650 Feb 08 j 23:08	0°♑	
evening max el	-9650 Feb 21 j 21:09	16°♑45'13	24°07'53
retrograde	-9650 Mar 07 j 15:09	23°♑35'14	
evening set	-9650 Mar 11 j 19:58	22°♑55'51	
desc. node	-9650 Mar 14 j 19:06	21°♑44'55	
min. Earth dist.	-9650 Mar 18 j 10:06	19°♑43'36	0.56450 AU
inferior conj	-9650 Mar 20 j 17:57	18°♑16'21	-1°30'12
minimum elong	-9650 Mar 20 j 14:34	18°♑21'39	1°29'47
morning rise	-9650 Mar 29 j 12:10	14°♑10'13	
direct	-9650 Mar 31 j 17:47	13°♑56'54	
morning max el	-9650 Apr 10 j 13:24	18°♑33'33	19°42'55
	-9650 Apr 19 j 06:05	0°♒	
asc. node	-9650 Apr 25 j 05:59	10°♒52'49	
morning set	-9650 Apr 28 j 02:24	16°♒30'54	
	-9650 May 04 j 19:06	0°♓	
superior conj	-9650 May 06 j 05:09	2°♓49'03	1°28'38
minimum elong	-9650 May 06 j 02:11	2°♓34'25	1°28'00
max. Earth dist.	-9650 May 11 j 19:02	13°♓35'01	1.37148 AU
evening rise	-9650 May 15 j 19:23	20°♓57'54	
	-9650 May 20 j 23:22	0°♈	
	-9650 Jun 09 j 16:50	0°♉	
desc. node	-9650 Jun 10 j 16:51	1°♉19'24	
evening max el	-9650 Jun 20 j 16:50	13°♉01'04	25°27'58
retrograde	-9650 Jul 02 j 18:14	20°♉03'18	
evening set	-9650 Jul 08 j 18:51	17°♉26'08	
min. Earth dist.	-9650 Jul 13 j 02:54	12°♉31'34	0.66672 AU
inferior conj	-9650 Jul 14 j 03:34	11°♉10'59	-2°22'55
minimum elong	-9650 Jul 14 j 06:07	11°♉02'39	2°21'50
morning rise	-9650 Jul 19 j 17:24	5°♉11'30	
asc. node	-9650 Jul 22 j 06:41	4°♉05'58	
direct	-9650 Jul 23 j 04:59	4°♉01'02	
morning max el	-9650 Jul 30 j 14:11	8°♉17'40	19°40'21
	-9650 Aug 15 j 06:35	0°♊	
morning set	-9650 Aug 24 j 08:14	14°♊04'31	
	-9650 Sep 03 j 11:45	0°♋	
max. Earth dist.	-9650 Sep 06 j 08:18	4°♋31'34	1.44220 AU
desc. node	-9650 Sep 06 j 14:36	4°♋56'38	
superior conj	-9650 Sep 09 j 21:22	10°♋11'06	-0°19'55
minimum elong	-9650 Sep 09 j 19:07	10°♋02'06	0°19'03
	-9650 Sep 22 j 00:06	0°♌	
evening rise	-9650 Sep 24 j 03:29	3°♌34'47	
	-9650 Oct 10 j 22:37	0°♍	
evening max el	-9650 Oct 12 j 21:07	2°♍11'00	18°23'30
asc. node	-9650 Oct 18 j 06:03	5°♍40'41	
retrograde	-9650 Oct 19 j 11:59	5°♍49'04	
evening set	-9650 Oct 22 j 07:35	5°♍06'23	
inferior conj	-9650 Oct 28 j 11:50	29°♌35'04	2°57'53
minimum elong	-9650 Oct 28 j 08:16	29°♌45'08	2°57'13
	-9650 Oct 28 j 02:58	30°℞♌	
min. Earth dist.	-9650 Oct 30 j 14:32	27°♌12'11	0.64012 AU
morning rise	-9650 Nov 03 j 08:17	23°♌33'33	
direct	-9650 Nov 10 j 06:07	20°♌47'12	
morning max el	-9650 Nov 23 j 17:12	28°♌21'53	27°23'05
	-9650 Nov 25 j 07:52	0°♍	
desc. node	-9650 Dec 03 j 15:17	9°♍57'12	
	-9650 Dec 16 j 22:54	0°♎	
morning set	-9650 Dec 28 j 13:39	21°♎09'38	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9649 Jan 01 j 22:35	0°♏	
max. Earth dist.	-9649 Jan 02 j 14:24	1°♏22'06	1.33817 AU
superior conj	-9649 Jan 05 j 10:18	7°♏19'25	-1°15'35
minimum elong	-9649 Jan 05 j 12:39	7°♏31'52	1°15'33
evening rise	-9649 Jan 12 j 15:21	22°♏39'54	
asc. node	-9649 Jan 14 j 03:54	25°♏49'22	
	-9649 Jan 16 j 05:33	0°♐	
evening max el	-9649 Feb 03 j 15:23	27°♐36'48	22°34'05
	-9649 Feb 06 j 11:08	0°♑	
retrograde	-9649 Feb 16 j 12:01	3°♑48'15	
evening set	-9649 Feb 19 j 17:27	3°♑25'29	
	-9649 Feb 27 j 13:41	30°℞♐	
min. Earth dist.	-9649 Feb 28 j 01:34	29°♐43'01	0.55527 AU
inferior conj	-9649 Feb 28 j 21:58	29°♐13'41	0°11'56
minimum elong	-9649 Feb 28 j 22:28	29°♐12'58	0°11'12
transit middle	-9649 Feb 28 j 22:28	29°♐12'58	0°11'12
transit begin	-9649 Feb 28 j 19:36	29°♐17'07	
transit end	-9649 Mar 01 j 01:21	29°♐08'50	
desc. node	-9649 Mar 01 j 16:08	28°♐47'39	
morning rise	-9649 Mar 10 j 04:45	25°♐11'30	
direct	-9649 Mar 12 j 13:41	24°♐58'19	
	-9649 Mar 23 j 14:12	0°♑	
morning max el	-9649 Mar 24 j 01:16	0°♑25'37	20°55'46
	-9649 Apr 11 j 19:07	0°♒	
morning set	-9649 Apr 12 j 08:58	1°♒10'40	
asc. node	-9649 Apr 12 j 02:55	0°♒39'47	
superior conj	-9649 Apr 19 j 23:32	16°♒54'42	1°09'38
minimum elong	-9649 Apr 19 j 20:48	16°♒40'43	1°08'47
max. Earth dist.	-9649 Apr 24 j 04:19	25°♒22'31	1.35593 AU
	-9649 Apr 26 j 13:12	0°♓	
evening rise	-9649 Apr 28 j 14:52	3°♓56'17	
	-9649 May 13 j 20:24	0°♈	
desc. node	-9649 May 28 j 14:16	20°♈21'18	
evening max el	-9649 Jun 03 j 03:23	26°♈24'43	26°31'23
	-9649 Jun 07 j 05:01	0°♉	
retrograde	-9649 Jun 16 j 00:04	3°♉46'05	
evening set	-9649 Jun 22 j 13:26	0°♉59'20	
	-9649 Jun 23 j 15:10	30°℞♈	
min. Earth dist.	-9649 Jun 26 j 13:29	26°♈43'56	0.65850 AU
inferior conj	-9649 Jun 28 j 03:22	24°♈47'37	-2°58'33
minimum elong	-9649 Jun 28 j 06:01	24°♈39'26	2°57'47
morning rise	-9649 Jul 03 j 22:46	19°♈00'59	
direct	-9649 Jul 07 j 02:39	18°♈04'03	
asc. node	-9649 Jul 09 j 03:33	18°♈26'52	
morning max el	-9649 Jul 13 j 22:02	21°♈53'16	18°50'21
	-9649 Jul 20 j 07:15	0°♉	
morning set	-9649 Aug 04 j 04:38	23°♉23'53	
	-9649 Aug 08 j 07:35	0°♊	
superior conj	-9649 Aug 19 j 23:03	18°♊28'54	0°27'11
minimum elong	-9649 Aug 20 j 02:28	18°♊42'24	0°27'18
max. Earth dist.	-9649 Aug 20 j 00:56	18°♊36'20	1.44632 AU
desc. node	-9649 Aug 24 j 11:45	25°♊38'37	
	-9649 Aug 27 j 05:44	0°♋	
evening rise	-9649 Sep 04 j 23:52	13°♋57'31	
	-9649 Sep 15 j 01:03	0°♌	
evening max el	-9649 Sep 26 j 08:59	15°♌39'20	18°56'10
retrograde	-9649 Oct 03 j 05:39	19°♌32'17	
asc. node	-9649 Oct 05 j 03:14	19°♌11'39	
evening set	-9649 Oct 06 j 07:48	18°♌37'47	
inferior conj	-9649 Oct 12 j 03:56	12°♌51'25	2°10'08
minimum elong	-9649 Oct 12 j 01:05	13°♌00'12	2°09'36
min. Earth dist.	-9649 Oct 13 j 17:26	10°♌56'30	0.65268 AU
morning rise	-9649 Oct 17 j 17:57	6°♌40'42	
direct	-9649 Oct 24 j 05:22	3°♌57'03	
morning max el	-9649 Nov 06 j 03:09	11°♌24'04	26°39'54
desc. node	-9649 Nov 20 j 12:02	29°♌06'42	
	-9649 Nov 21 j 02:55	0°♍	
	-9649 Dec 09 j 10:43	0°♎	
morning set	-9649 Dec 11 j 22:41	4°♎40'09	
max. Earth dist.	-9649 Dec 16 j 07:18	13°♎09'16	1.34957 AU
superior conj	-9649 Dec 20 j 12:25	21°♎43'18	-1°30'31
minimum elong	-9649 Dec 20 j 14:32	21°♎54'14	1°30'29
	-9649 Dec 24 j 11:37	0°♏	
evening rise	-9649 Dec 28 j 00:35	7°♏23'13	
asc. node	-9648 Jan 01 j 01:11	15°♏29'57	
	-9648 Jan 09 j 09:59	0°♐	
evening max el	-9648 Jan 16 j 15:41	8°♐46'42	21°05'53
retrograde	-9648 Jan 28 j 02:00	14°♐10'07	
evening set	-9648 Jan 30 j 19:00	13°♐53'06	
inferior conj	-9648 Feb 08 j 18:49	9°♐54'19	1°59'05
minimum elong	-9648 Feb 08 j 23:35	9°♐47'28	1°57'09
min. Earth dist.	-9648 Feb 09 j 15:41	9°♐24'23	0.55470 AU
desc. node	-9648 Feb 16 j 13:05	6°♐06'50	
morning rise	-9648 Feb 18 j 03:19	5°♐40'57	
direct	-9648 Feb 21 j 04:07	5°♐20'43	
morning max el	-9648 Mar 05 j 02:04	11°♐37'39	22°24'41
	-9648 Mar 18 j 12:04	0°♑	
morning set	-9648 Mar 26 j 19:22	16°♑06'07	
asc. node	-9648 Mar 28 j 23:55	20°♑41'42	
	-9648 Apr 02 j 09:14	0°♒	
superior conj	-9648 Apr 03 j 01:41	1°♒26'54	0°47'45
minimum elong	-9648 Apr 02 j 23:42	1°♒16'22	0°46'53
max. Earth dist.	-9648 Apr 05 j 23:56	7°♒33'29	1.34376 AU
evening rise	-9648 Apr 11 j 00:56	17°♒41'22	
	-9648 Apr 17 j 15:06	0°♓	
	-9648 May 07 j 02:52	0°♈	
desc. node	-9648 May 14 j 11:36	8°♈32'49	
evening max el	-9648 May 15 j 14:27	9°♈39'53	27°13'00
retrograde	-9648 May 29 j 00:31	17°♈09'48	
evening set	-9648 Jun 04 j 22:39	14°♈23'53	
min. Earth dist.	-9648 Jun 08 j 16:27	10°♈45'38	0.64638 AU
inferior conj	-9648 Jun 10 j 20:47	8°♈18'03	-3°25'27
minimum elong	-9648 Jun 10 j 22:57	8°♈11'55	3°25'07
morning rise	-9648 Jun 16 j 23:43	2°♈47'16	
direct	-9648 Jun 19 j 21:45	2°♈01'41	
asc. node	-9648 Jun 25 j 00:25	4°♈14'57	
morning max el	-9648 Jun 26 j 10:09	5°♈32'32	18°17'07
	-9648 Jul 12 j 18:24	0°♉	
morning set	-9648 Jul 15 j 02:23	3°♉54'32	
superior conj	-9648 Jul 29 j 02:28	26°♉53'52	1°09'17
minimum elong	-9648 Jul 29 j 09:01	27°♉20'08	1°09'04
	-9648 Jul 31 j 00:58	0°♊	
max. Earth dist.	-9648 Aug 01 j 17:54	2°♊43'03	1.44331 AU
desc. node	-9648 Aug 10 j 08:55	16°♊18'46	
evening rise	-9648 Aug 14 j 17:54	23°♊08'35	
	-9648 Aug 19 j 03:48	0°♋	
greatest brilliancy	-9648 Aug 26 j 15:22	11°♋29'06	-0.7m
evening max el	-9648 Sep 08 j 16:40	29°♋07'39	19°45'02
	-9648 Sep 09 j 13:52	0°♌	
retrograde	-9648 Sep 16 j 02:01	3°♌24'19	
evening set	-9648 Sep 19 j 12:57	2°♌14'51	
asc. node	-9648 Sep 21 j 00:23	1°♌03'47	
	-9648 Sep 22 j 01:42	30°℞♋	
inferior conj	-9648 Sep 25 j 02:43	26°♋16'34	1°18'48
minimum elong	-9648 Sep 25 j 00:55	26°♋22'25	1°18'39
min. Earth dist.	-9648 Sep 26 j 04:05	24°♋53'47	0.66204 AU
morning rise	-9648 Sep 30 j 12:37	19°♋59'46	
direct	-9648 Oct 06 j 10:18	17°♋28'01	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9648 Oct 18 j 12:55	24°♋36'23	25°33'58
	-9648 Oct 23 j 10:49	0°♌	
desc. node	-9648 Nov 06 j 08:46	18°♌48'30	
	-9648 Nov 13 j 13:32	0°♍	
morning set	-9648 Nov 23 j 15:55	17°♍18'24	
max. Earth dist.	-9648 Nov 27 j 13:28	24°♍31'32	1.36522 AU
	-9648 Nov 30 j 09:56	0°♎	
superior conj	-9648 Dec 03 j 06:25	5°♎37'35	-1°40'20
minimum elong	-9648 Dec 03 j 07:38	5°♎43'41	1°40'17
evening rise	-9648 Dec 11 j 06:03	21°♎49'20	
	-9648 Dec 15 j 09:06	0°♏	
asc. node	-9648 Dec 17 j 22:28	4°♏46'23	
evening max el	-9648 Dec 29 j 01:22	20°♏27'24	19°52'07
retrograde	-9647 Jan 07 j 21:20	25°♏05'14	
evening set	-9647 Jan 10 j 10:07	24°♏48'11	
inferior conj	-9647 Jan 18 j 21:57	20°♏44'48	3°22'14
minimum elong	-9647 Jan 19 j 03:20	20°♏36'22	3°20'43
min. Earth dist.	-9647 Jan 21 j 05:12	19°♏18'43	0.56269 AU
morning rise	-9647 Jan 27 j 18:32	16°♏07'49	
direct	-9647 Jan 31 j 23:50	15°♏28'10	
desc. node	-9647 Feb 02 j 09:59	15°♏32'47	
morning max el	-9647 Feb 14 j 18:51	22°♏21'54	24°01'56
	-9647 Feb 21 j 11:11	0°♐	
	-9647 Mar 10 j 18:17	0°♑	
morning set	-9647 Mar 11 j 07:36	1°♑09'34	
asc. node	-9647 Mar 15 j 20:56	10°♑52'50	
superior conj	-9647 Mar 18 j 09:00	16°♑16'35	0°24'24
minimum elong	-9647 Mar 18 j 07:58	16°♑11'02	0°23'38
max. Earth dist.	-9647 Mar 20 j 04:38	20°♑10'06	1.33502 AU
	-9647 Mar 24 j 21:43	0°♒	
evening rise	-9647 Mar 25 j 21:15	1°♒58'59	
	-9647 Apr 10 j 12:57	0°♓	
evening max el	-9647 Apr 28 j 00:05	22°♓34'06	27°26'21
desc. node	-9647 May 01 j 08:54	25°♓32'57	
	-9647 May 10 j 08:54	0°♈	
retrograde	-9647 May 11 j 19:04	0°♈05'53	
	-9647 May 13 j 04:39	30°♓℞	
evening set	-9647 May 18 j 19:14	27°♓33'54	
min. Earth dist.	-9647 May 22 j 10:22	24°♓25'39	0.63038 AU
inferior conj	-9647 May 25 j 05:02	21°♓36'47	-3°40'21
minimum elong	-9647 May 25 j 05:57	21°♓34'26	3°40'26
morning rise	-9647 May 31 j 17:44	16°♓24'17	
direct	-9647 Jun 03 j 11:13	15°♓48'23	
morning max el	-9647 Jun 10 j 00:11	19°♓11'01	18°01'46
asc. node	-9647 Jun 11 j 21:16	21°♓14'31	
	-9647 Jun 17 j 23:04	0°♈	
morning set	-9647 Jun 27 j 00:27	15°♈34'04	
	-9647 Jul 05 j 08:19	0°♉	
superior conj	-9647 Jul 09 j 03:16	6°♉23'02	1°37'06
minimum elong	-9647 Jul 09 j 08:03	6°♉42'59	1°37'05
max. Earth dist.	-9647 Jul 15 j 07:34	16°♉31'42	1.43361 AU
	-9647 Jul 23 j 19:13	0°♊	
evening rise	-9647 Jul 24 j 19:39	1°♊35'09	
desc. node	-9647 Jul 28 j 06:08	6°♊54'03	
	-9647 Aug 12 j 19:02	0°♋	
evening max el	-9647 Aug 22 j 18:12	12°♋33'23	20°48'16
retrograde	-9647 Aug 30 j 22:48	17°♋22'25	
evening set	-9647 Sep 03 j 20:44	15°♋55'00	
asc. node	-9647 Sep 07 j 21:29	11°♋36'36	
inferior conj	-9647 Sep 09 j 05:54	9°♋48'01	0°26'24
minimum elong	-9647 Sep 09 j 05:17	9°♋50'06	0°26'44
min. Earth dist.	-9647 Sep 09 j 20:17	8°♋59'08	0.66839 AU
morning rise	-9647 Sep 14 j 13:40	3°♋28'37	
direct	-9647 Sep 19 j 20:35	1°♋13'52	
morning max el	-9647 Sep 30 j 22:30	7°♋51'34	24°14'07
	-9647 Oct 18 j 06:50	0°♌	
desc. node	-9647 Oct 24 j 05:32	8°♌53'15	
morning set	-9647 Nov 05 j 11:55	28°♌50'12	
	-9647 Nov 06 j 04:05	0°♍	
max. Earth dist.	-9647 Nov 09 j 12:16	5°♍52'59	1.38410 AU
superior conj	-9647 Nov 16 j 12:43	18°♍52'09	-1°43'04
minimum elong	-9647 Nov 16 j 12:17	18°♍50'05	1°42'54
	-9647 Nov 22 j 06:06	0°♎	
evening rise	-9647 Nov 25 j 05:34	5°♎52'18	
asc. node	-9647 Dec 04 j 19:45	23°♎30'31	
	-9647 Dec 09 j 09:27	0°♏	
evening max el	-9647 Dec 11 j 21:09	2°♏42'11	18°57'19
retrograde	-9647 Dec 20 j 07:44	6°♏45'01	
evening set	-9647 Dec 22 j 19:41	6°♏25'14	
inferior conj	-9647 Dec 30 j 17:34	2°♏06'04	4°06'23
minimum elong	-9647 Dec 30 j 20:03	2°♏01'36	4°05'56
	-9646 Jan 02 j 16:17	30°℞♎	
min. Earth dist.	-9646 Jan 02 j 20:01	29°♎53'34	0.57732 AU
morning rise	-9646 Jan 07 j 18:14	27°♎03'30	
direct	-9646 Jan 13 j 07:23	25°♎50'10	
desc. node	-9646 Jan 20 j 06:50	27°♎43'32	
	-9646 Jan 23 j 19:44	0°♏	
morning max el	-9646 Jan 27 j 09:51	3°♏04'52	25°34'10
	-9646 Feb 15 j 13:31	0°♐	
morning set	-9646 Feb 23 j 19:54	16°♐14'31	
	-9646 Mar 02 j 05:20	0°♑	
superior conj	-9646 Mar 02 j 19:25	1°♑16'43	0°00'36
minimum elong	-9646 Mar 02 j 19:25	1°♑16'42	0°00'01
behind sun begin	-9646 Mar 02 j 14:59	0°♑52'32	
behind sun end	-9646 Mar 02 j 23:52	1°♑40'53	
asc. node	-9646 Mar 02 j 17:58	1°♑08'49	
max. Earth dist.	-9646 Mar 03 j 15:24	3°♑05'22	1.32966 AU
evening rise	-9646 Mar 10 j 00:38	16°♑38'42	
	-9646 Mar 16 j 20:44	0°♒	
	-9646 Apr 05 j 15:06	0°♓	
evening max el	-9646 Apr 10 j 06:04	4°♓56'14	27°07'26
desc. node	-9646 Apr 18 j 06:12	10°♓52'42	
retrograde	-9646 Apr 24 j 06:52	12°♓25'04	
evening set	-9646 Apr 30 j 23:36	10°♓20'26	
min. Earth dist.	-9646 May 04 j 19:08	7°♓29'27	0.61139 AU
inferior conj	-9646 May 08 j 00:46	4°♓36'13	-3°38'25
minimum elong	-9646 May 07 j 23:42	4°♓38'36	3°38'40
	-9646 May 14 j 09:10	30°℞♒	
morning rise	-9646 May 15 j 01:45	29°♒43'36	
direct	-9646 May 17 j 15:28	29°♒15'55	
	-9646 May 20 j 19:47	0°♓	
morning max el	-9646 May 24 j 13:31	2°♓41'42	18°05'00
asc. node	-9646 May 29 j 18:05	9°♓09'52	
morning set	-9646 Jun 09 j 18:15	28°♓11'18	
	-9646 Jun 10 j 17:57	0°♈	
superior conj	-9646 Jun 20 j 07:22	17°♈13'23	1°49'02
minimum elong	-9646 Jun 20 j 08:38	17°♈18'54	1°49'06
max. Earth dist.	-9646 Jun 27 j 15:21	29°♈44'43	1.41863 AU
	-9646 Jun 27 j 19:01	0°♉	
evening rise	-9646 Jul 04 j 02:31	10°♉16'48	
desc. node	-9646 Jul 15 j 03:26	27°♉20'27	
	-9646 Jul 16 j 22:17	0°♊	
evening max el	-9646 Aug 05 j 12:55	25°♊55'48	22°02'54
	-9646 Aug 10 j 10:37	0°♋	
retrograde	-9646 Aug 14 j 18:12	1°♋23'40	
	-9646 Aug 18 j 16:38	30°℞♊	
evening set	-9646 Aug 19 j 05:06	29°♊36'04	
inferior conj	-9646 Aug 24 j 11:32	23°♊23'31	-0°25'08

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9646 Aug 24 j 12:04	23°♊21'39	0°24'21
min. Earth dist.	-9646 Aug 24 j 15:35	23°♊09'30	0.67187 AU
asc. node	-9646 Aug 25 j 18:31	21°♊37'20	
morning rise	-9646 Aug 29 j 18:54	17°♊05'10	
direct	-9646 Sep 03 j 11:38	15°♊09'25	
morning max el	-9646 Sep 13 j 09:39	21°♊07'04	22°49'26
	-9646 Sep 20 j 22:34	0°♋	
desc. node	-9646 Oct 11 j 02:21	29°♋13'44	
	-9646 Oct 11 j 14:08	0°♌	
morning set	-9646 Oct 17 j 05:42	9°♌03'40	
max. Earth dist.	-9646 Oct 22 j 10:28	17°♌44'38	1.40413 AU
	-9646 Oct 29 j 10:13	0°♍	
superior conj	-9646 Oct 30 j 02:36	1°♍14'05	-1°36'18
minimum elong	-9646 Oct 29 j 23:54	1°♍01'50	1°35'49
evening rise	-9646 Nov 08 j 20:22	19°♍25'01	
	-9646 Nov 14 j 12:43	0°♎	
asc. node	-9646 Nov 21 j 17:01	11°♎31'58	
evening max el	-9646 Nov 25 j 01:29	15°♎26'05	18°22'45
retrograde	-9646 Dec 02 j 11:54	19°♎07'17	
evening set	-9646 Dec 05 j 00:18	18°♎43'08	
inferior conj	-9646 Dec 12 j 08:45	14°♎03'08	4°14'34
minimum elong	-9646 Dec 12 j 07:51	14°♎05'01	4°14'28
min. Earth dist.	-9646 Dec 15 j 14:47	11°♎22'46	0.59553 AU
morning rise	-9646 Dec 19 j 13:41	8°♎39'44	
direct	-9646 Dec 26 j 02:51	6°♎47'34	
desc. node	-9645 Jan 07 j 03:38	12°♎20'39	
morning max el	-9645 Jan 09 j 04:47	14°♎12'25	26°46'35
	-9645 Jan 21 j 21:58	0°♏	
	-9645 Feb 07 j 16:10	0°♐	
morning set	-9645 Feb 08 j 06:31	1°♐14'31	
superior conj	-9645 Feb 15 j 07:12	16°♐21'05	-0°22'48
minimum elong	-9645 Feb 15 j 08:09	16°♐26'20	0°23'09
max. Earth dist.	-9645 Feb 15 j 04:54	16°♐08'35	1.32757 AU
asc. node	-9645 Feb 17 j 15:04	21°♐25'50	
	-9645 Feb 21 j 15:01	0°♑	
evening rise	-9645 Feb 22 j 08:38	1°♑32'13	
	-9645 Mar 10 j 00:15	0°♒	
evening max el	-9645 Mar 23 j 06:52	16°♒41'24	26°16'35
desc. node	-9645 Apr 05 j 03:26	23°♒57'43	
retrograde	-9645 Apr 06 j 10:04	24°♒01'47	
evening set	-9645 Apr 12 j 08:55	22°♒32'55	
min. Earth dist.	-9645 Apr 16 j 20:10	19°♒43'57	0.59137 AU
inferior conj	-9645 Apr 20 j 04:27	17°♒08'27	-3°13'05
minimum elong	-9645 Apr 20 j 01:12	17°♒14'48	3°13'01
morning rise	-9645 Apr 27 j 20:18	12°♒35'54	
direct	-9645 Apr 30 j 06:29	12°♒15'08	
morning max el	-9645 May 07 j 23:19	15°♒56'57	18°27'25
asc. node	-9645 May 16 j 14:54	27°♒48'37	
	-9645 May 17 j 21:12	0°♓	
morning set	-9645 May 24 j 03:02	11°♓35'28	
superior conj	-9645 Jun 02 j 11:41	29°♓17'14	1°47'56
minimum elong	-9645 Jun 02 j 10:15	29°♓10'39	1°47'49
	-9645 Jun 02 j 20:58	0°♈	
max. Earth dist.	-9645 Jun 09 j 17:51	12°♈16'13	1.40055 AU
evening rise	-9645 Jun 14 j 08:34	20°♈06'50	
	-9645 Jun 20 j 10:32	0°♉	
desc. node	-9645 Jul 02 j 00:46	17°♉33'15	
	-9645 Jul 11 j 02:40	0°♊	
evening max el	-9645 Jul 19 j 02:07	9°♊17'15	23°24'04
retrograde	-9645 Jul 29 j 10:50	15°♊25'41	
evening set	-9645 Aug 03 j 12:14	13°♊17'04	
inferior conj	-9645 Aug 08 j 17:52	7°♊01'42	-1°14'11
minimum elong	-9645 Aug 08 j 19:24	6°♊56'27	1°13'07
min. Earth dist.	-9645 Aug 08 j 11:27	7°♊23'45	0.67243 AU
asc. node	-9645 Aug 12 j 15:30	2°♊07'49	
morning rise	-9645 Aug 14 j 02:28	0°♊48'06	
	-9645 Aug 15 j 07:10	30°℞♉	
direct	-9645 Aug 18 j 06:26	29°♉11'13	
	-9645 Aug 21 j 10:34	0°♊	
morning max el	-9645 Aug 27 j 01:17	4°♊25'55	21°28'02
	-9645 Sep 15 j 02:47	0°♋	
morning set	-9645 Sep 26 j 21:36	18°♋03'51	
desc. node	-9645 Sep 27 j 23:13	19°♋45'03	
	-9645 Oct 04 j 07:52	0°♌	
max. Earth dist.	-9645 Oct 04 j 14:18	0°♌26'22	1.42258 AU
superior conj	-9645 Oct 11 j 18:21	12°♌28'53	-1°17'19
minimum elong	-9645 Oct 11 j 13:40	12°♌08'43	1°16'24
	-9645 Oct 21 j 16:05	0°♍	
evening rise	-9645 Oct 22 j 22:54	2°♍19'28	
evening max el	-9645 Nov 08 j 11:40	28°♍30'59	18°08'06
asc. node	-9645 Nov 08 j 14:19	28°♍37'35	
	-9645 Nov 10 j 03:39	0°♎	
retrograde	-9645 Nov 15 j 07:46	2°♎02'59	
evening set	-9645 Nov 17 j 21:40	1°♎33'06	
	-9645 Nov 20 j 16:45	30°℞♍	
inferior conj	-9645 Nov 24 j 17:57	26°♍31'20	3°56'49
minimum elong	-9645 Nov 24 j 14:56	26°♍38'29	3°56'28
min. Earth dist.	-9645 Nov 27 j 16:36	23°♍44'45	0.61432 AU
morning rise	-9645 Dec 01 j 07:03	20°♍50'58	
direct	-9645 Dec 08 j 07:49	18°♍27'18	
morning max el	-9645 Dec 22 j 06:01	25°♍57'47	27°28'14
desc. node	-9645 Dec 25 j 00:23	28°♍48'48	
	-9645 Dec 26 j 01:56	0°♎	
	-9644 Jan 15 j 06:35	0°♏	
morning set	-9644 Jan 23 j 13:28	16°♏01'14	
max. Earth dist.	-9644 Jan 29 j 17:23	29°♏05'16	1.32881 AU
	-9644 Jan 30 j 03:28	0°♐	
superior conj	-9644 Jan 30 j 18:37	1°♐22'23	-0°45'01
minimum elong	-9644 Jan 30 j 20:22	1°♐31'52	0°45'10
asc. node	-9644 Feb 04 j 12:13	11°♐38'56	
evening rise	-9644 Feb 06 j 19:11	16°♐30'57	
	-9644 Feb 13 j 13:51	0°♑	
evening max el	-9644 Mar 04 j 02:21	27°♑51'29	24°59'37
	-9644 Mar 06 j 12:33	0°♒	
retrograde	-9644 Mar 18 j 02:03	4°♒55'26	
desc. node	-9644 Mar 22 j 00:37	4°♒19'29	
evening set	-9644 Mar 22 j 23:05	4°♒00'45	
min. Earth dist.	-9644 Mar 28 j 15:28	1°♒00'29	0.57308 AU
	-9644 Mar 30 j 03:51	30°℞♑	
inferior conj	-9644 Mar 31 j 12:55	29°♑04'01	-2°17'21
minimum elong	-9644 Mar 31 j 08:44	29°♑11'04	2°16'50
morning rise	-9644 Apr 08 j 21:34	24°♑49'47	
direct	-9644 Apr 11 j 04:34	24°♑34'19	
morning max el	-9644 Apr 20 j 02:37	28°♑46'29	19°09'37
	-9644 Apr 21 j 07:56	0°♒	
asc. node	-9644 May 02 j 11:46	16°♒59'53	
morning set	-9644 May 06 j 22:42	25°♒35'43	
	-9644 May 09 j 04:06	0°♓	
superior conj	-9644 May 15 j 10:34	12°♓19'05	1°37'34
minimum elong	-9644 May 15 j 07:50	12°♓05'54	1°37'07
max. Earth dist.	-9644 May 21 j 18:32	24°♓12'41	1.38174 AU
	-9644 May 25 j 00:01	0°♈	
evening rise	-9644 May 25 j 17:54	1°♈18'36	
	-9644 Jun 12 j 15:56	0°♉	
desc. node	-9644 Jun 17 j 22:10	7°♉25'56	
evening max el	-9644 Jun 30 j 12:24	22°♉40'06	24°44'54
retrograde	-9644 Jul 11 j 23:47	29°♉24'49	
evening set	-9644 Jul 17 j 16:13	26°♉56'43	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9644 Jul 22 j 05:30	21°♉40'10	0.66980 AU	
inferior conj	-9644 Jul 22 j 23:10	20°♉41'02	-1°59'19	
minimum elong	-9644 Jul 23 j 01:26	20°♉33'25	1°58'10	
morning rise	-9644 Jul 28 j 10:37	14°♉35'40		
asc. node	-9644 Jul 29 j 12:26	13°♉56'02		
direct	-9644 Aug 01 j 03:38	13°♉16'09		
morning max el	-9644 Aug 08 j 23:23	17°♉51'37	20°16'01	
	-9644 Aug 18 j 11:17	0°♊		
morning set	-9644 Sep 04 j 23:43	26°♊28'59		
	-9644 Sep 07 j 05:55	0°♋		
desc. node	-9644 Sep 13 j 20:11	10°♋23'23		
max. Earth dist.	-9644 Sep 16 j 01:11	13°♋55'04	1.43673 AU	
superior conj	-9644 Sep 21 j 07:02	22°♋24'48	-0°44'28	
minimum elong	-9644 Sep 21 j 02:42	22°♋07'04	0°43'23	
	-9644 Sep 25 j 21:05	0°♌		
evening rise	-9644 Oct 04 j 08:40	14°♌25'47		
	-9644 Oct 13 j 12:09	0°♍		
evening max el	-9644 Oct 22 j 00:44	11°♍49'44	18°12'34	
asc. node	-9644 Oct 25 j 11:36	14°♍32'14		
retrograde	-9644 Oct 28 j 15:19	15°♍23'08		
evening set	-9644 Oct 31 j 08:15	14°♍45'45		
inferior conj	-9644 Nov 06 j 17:51	9°♍24'06	3°22'29	
minimum elong	-9644 Nov 06 j 14:11	9°♍33'54	3°21'52	
min. Earth dist.	-9644 Nov 09 j 04:09	6°♍49'11	0.63147 AU	
morning rise	-9644 Nov 12 j 19:21	3°♍29'28		
direct	-9644 Nov 19 j 20:31	0°♍47'39		
morning max el	-9644 Dec 03 j 12:49	8°♍21'46	27°34'46	
desc. node	-9644 Dec 10 j 21:06	16°♍37'08		
	-9644 Dec 20 j 10:03	0°♎		
	-9643 Jan 06 j 09:04	0°♏		
morning set	-9643 Jan 06 j 14:24	0°♏26'42		
max. Earth dist.	-9643 Jan 12 j 01:07	11°♏42'33	1.33367 AU	
superior conj	-9643 Jan 14 j 04:01	16°♏14'30	-1°05'13	
minimum elong	-9643 Jan 14 j 06:15	16°♏26'33	1°05'14	
	-9643 Jan 20 j 13:46	0°♐		
evening rise	-9643 Jan 21 j 06:34	1°♐28'29		
asc. node	-9643 Jan 21 j 09:27	1°♐43'38		
	-9643 Feb 06 j 08:04	0°♑		
evening max el	-9643 Feb 13 j 19:21	8°♑42'20	23°27'55	
retrograde	-9643 Feb 27 j 05:37	15°♑17'31		
evening set	-9643 Mar 02 j 23:44	14°♑46'34		
desc. node	-9643 Mar 08 j 21:43	12°♑12'06		
min. Earth dist.	-9643 Mar 10 j 07:29	11°♑23'20	0.55968 AU	
inferior conj	-9643 Mar 12 j 01:54	10°♑20'01	-0°49'19	
minimum elong	-9643 Mar 11 j 23:50	10°♑23'06	0°49'13	
morning rise	-9643 Mar 21 j 02:25	6°♑17'34		
direct	-9643 Mar 23 j 08:33	6°♑04'50		
morning max el	-9643 Apr 02 j 20:44	11°♑01'33	20°11'40	
	-9643 Apr 15 j 22:50	0°♒		
asc. node	-9643 Apr 19 j 08:39	6°♒35'47		
morning set	-9643 Apr 21 j 02:01	10°♒03'19		
superior conj	-9643 Apr 28 j 23:00	26°♒05'05	1°21'02	
minimum elong	-9643 Apr 28 j 20:04	25°♒50'19	1°20'17	
	-9643 Apr 30 j 22:08	0°♓		
max. Earth dist.	-9643 May 03 j 23:04	5°♓55'27	1.36449 AU	
evening rise	-9643 May 08 j 02:32	13°♓42'25		
	-9643 May 17 j 11:29	0°♈		
desc. node	-9643 Jun 04 j 19:35	26°♈49'41		
	-9643 Jun 07 j 09:33	0°♉		
evening max el	-9643 Jun 12 j 22:17	6°♉03'54	25°57'05	
retrograde	-9643 Jun 25 j 08:22	13°♉15'33		
evening set	-9643 Jul 01 j 14:56	10°♉32'56		
min. Earth dist.	-9643 Jul 05 j 19:20	5°♉55'23	0.66370 AU	
inferior conj	-9643 Jul 07 j 01:32	4°♉19'06	-2°38'59	
minimum elong	-9643 Jul 07 j 04:11	4°♉10'37	2°38'00	
	-9643 Jul 10 j 18:38	30°℞♈		
morning rise	-9643 Jul 12 j 17:32	28°♈25'03		
direct	-9643 Jul 16 j 01:36	27°♈20'41		
asc. node	-9643 Jul 16 j 09:20	27°♈21'16		
	-9643 Jul 21 j 16:39	0°♉		
morning max el	-9643 Jul 23 j 04:05	1°♉24'19	19°17'12	
	-9643 Aug 12 j 00:25	0°♊		
morning set	-9643 Aug 15 j 08:28	5°♊15'14		
max. Earth dist.	-9643 Aug 29 j 16:40	27°♊52'06	1.44477 AU	
	-9643 Aug 31 j 00:56	0°♋		
superior conj	-9643 Aug 31 j 17:46	1°♋06'48	-0°00'08	
minimum elong	-9643 Aug 31 j 17:49	1°♋07'00	0°00'26	
behind sun begin	-9643 Aug 31 j 06:33	0°♋22'15		
behind sun end	-9643 Sep 01 j 05:05	1°♋51'47		
desc. node	-9643 Aug 31 j 17:15	1°♋04'44		
evening rise	-9643 Sep 15 j 20:05	25°♋29'42		
	-9643 Sep 18 j 13:51	0°♌		
evening max el	-9643 Oct 05 j 13:44	25°♌15'20	18°35'15	
retrograde	-9643 Oct 12 j 06:19	28°♌59'02		
asc. node	-9643 Oct 12 j 08:50	28°♌58'58		
evening set	-9643 Oct 15 j 04:22	28°♌11'43		
inferior conj	-9643 Oct 21 j 04:56	22°♌33'23	2°38'16	
minimum elong	-9643 Oct 21 j 01:36	22°♌43'09	2°37'38	
min. Earth dist.	-9643 Oct 23 j 01:51	20°♌21'44	0.64581 AU	
morning rise	-9643 Oct 26 j 22:18	16°♌27'19		
direct	-9643 Nov 02 j 16:05	13°♌41'01		
morning max el	-9643 Nov 15 j 22:32	21°♌13'58	27°08'04	
	-9643 Nov 23 j 16:19	0°♍		
desc. node	-9643 Nov 27 j 17:48	5°♍21'36		
	-9643 Dec 13 j 11:49	0°♎		
morning set	-9643 Dec 21 j 06:19	14°♎20'28		
max. Earth dist.	-9643 Dec 26 j 00:13	23°♎48'47	1.34252 AU	
	-9643 Dec 28 j 23:49	0°♏		
superior conj	-9643 Dec 29 j 09:24	0°♏50'22	-1°22'27	
minimum elong	-9643 Dec 29 j 11:43	1°♏02'33	1°22'25	
evening rise	-9642 Jan 05 j 17:03	16°♏18'10		
asc. node	-9642 Jan 08 j 06:44	21°♏34'28		
	-9642 Jan 12 j 15:41	0°♐		
evening max el	-9642 Jan 26 j 15:22	19°♐38'29	21°55'08	
retrograde	-9642 Feb 07 j 22:53	25°♐30'46		
evening set	-9642 Feb 10 j 21:32	25°♐11'28		
inferior conj	-9642 Feb 20 j 01:14	21°♐06'57	0°58'38	
minimum elong	-9642 Feb 20 j 03:47	21°♐03'20	0°57'15	
min. Earth dist.	-9642 Feb 19 j 22:14	21°♐11'13	0.55390 AU	
desc. node	-9642 Feb 23 j 18:43	19°♐04'56		
morning rise	-9642 Mar 01 j 10:29	17°♐02'09		
direct	-9642 Mar 04 j 00:04	16°♐47'18		
morning max el	-9642 Mar 16 j 03:54	22°♐36'34	21°32'02	
	-9642 Mar 22 j 11:26	0°♑		
morning set	-9642 Apr 05 j 10:27	24°♑50'46		
asc. node	-9642 Apr 06 j 05:37	26°♑29'55		
	-9642 Apr 07 j 21:53	0°♒		
superior conj	-9642 Apr 12 j 21:05	10°♒23'39	1°00'37	
minimum elong	-9642 Apr 12 j 18:37	10°♒10'53	0°59'44	
max. Earth dist.	-9642 Apr 16 j 12:25	17°♒50'42	1.35026 AU	
evening rise	-9642 Apr 21 j 04:48	27°♒02'39		
	-9642 Apr 22 j 18:17	0°♓		
	-9642 May 10 j 18:44	0°♈		
desc. node	-9642 May 22 j 16:57	15°♈32'37		
evening max el	-9642 May 26 j 08:56	19°♈24'41	26°52'10	
retrograde	-9642 Jun 08 j 12:09	26°♈51'42		
evening set	-9642 Jun 15 j 05:54	24°♈03'29		
min. Earth dist.	-9642 Jun 19 j 02:52	20°♈04'35	0.65378 AU	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

inferior conj	-9642 Jun 20 j 22:54	17°♈53'47	-3°11'15
minimum elong	-9642 Jun 21 j 01:26	17°♈46'14	3°10'39
morning rise	-9642 Jun 26 j 21:16	12°♈13'45	
direct	-9642 Jun 29 j 22:22	11°♈22'05	
asc. node	-9642 Jul 03 j 06:12	12°♈21'09	
morning max el	-9642 Jul 06 j 14:05	15°♈02'35	18°34'07
	-9642 Jul 17 j 08:48	0°♉	
morning set	-9642 Jul 26 j 15:16	15°♉03'48	
	-9642 Aug 04 j 20:47	0°♊	
superior conj	-9642 Aug 10 j 17:17	9°♊19'35	0°46'21
minimum elong	-9642 Aug 10 j 22:39	9°♊40'50	0°46'15
max. Earth dist.	-9642 Aug 12 j 09:25	11°♊58'29	1.44585 AU
desc. node	-9642 Aug 18 j 14:22	21°♊46'14	
	-9642 Aug 23 j 19:38	0°♋	
evening rise	-9642 Aug 27 j 04:55	5°♋20'50	
	-9642 Sep 12 j 03:15	0°♌	
evening max el	-9642 Sep 19 j 00:02	8°♌43'37	19°15'03
retrograde	-9642 Sep 26 j 01:28	12°♌45'58	
evening set	-9642 Sep 29 j 06:58	11°♌45'40	
asc. node	-9642 Sep 29 j 06:01	11°♌47'08	
inferior conj	-9642 Oct 05 j 00:11	5°♌53'54	1°48'37
minimum elong	-9642 Oct 04 j 21:45	6°♌01'35	1°48'15
min. Earth dist.	-9642 Oct 06 j 08:26	4°♌12'02	0.65702 AU
	-9642 Oct 10 j 03:07	30°℞♋	
morning rise	-9642 Oct 10 j 12:09	29°♋39'55	
direct	-9642 Oct 16 j 17:57	27°♋00'13	
	-9642 Oct 24 j 07:41	0°♌	
morning max el	-9642 Oct 29 j 08:33	4°♌21'42	26°14'04
desc. node	-9642 Nov 14 j 14:31	24°♌45'56	
	-9642 Nov 18 j 02:46	0°♍	
morning set	-9642 Dec 04 j 09:15	27°♍30'37	
	-9642 Dec 05 j 17:05	0°♎	
max. Earth dist.	-9642 Dec 08 j 12:08	5°♎22'01	1.35570 AU
superior conj	-9642 Dec 13 j 08:25	15°♎02'35	-1°35'25
minimum elong	-9642 Dec 13 j 10:15	15°♎11'54	1°35'23
	-9642 Dec 20 j 14:17	0°♏	
evening rise	-9642 Dec 21 j 00:54	0°♏54'30	
asc. node	-9642 Dec 26 j 04:00	11°♏05'31	
	-9641 Jan 07 j 18:42	0°♐	
evening max el	-9641 Jan 08 j 19:26	1°♐00'43	20°32'24
retrograde	-9641 Jan 19 j 13:37	6°♐03'47	
evening set	-9641 Jan 22 j 03:52	5°♐47'25	
inferior conj	-9641 Jan 30 j 23:11	1°♐48'49	2°38'41
minimum elong	-9641 Jan 31 j 04:46	1°♐40'34	2°36'44
min. Earth dist.	-9641 Feb 01 j 12:22	0°♐54'00	0.55708 AU
	-9641 Feb 03 j 02:11	30°℞♏	
morning rise	-9641 Feb 09 j 04:02	27°♏25'51	
desc. node	-9641 Feb 10 j 15:40	27°♏08'03	
direct	-9641 Feb 12 j 15:40	26°♏59'08	
	-9641 Feb 21 j 14:44	0°♐	
morning max el	-9641 Feb 26 j 00:44	3°♐34'38	23°05'43
	-9641 Mar 16 j 00:42	0°♑	
morning set	-9641 Mar 20 j 21:50	9°♑50'15	
asc. node	-9641 Mar 24 j 02:36	16°♑36'14	
superior conj	-9641 Mar 28 j 01:42	25°♑04'23	0°37'59
minimum elong	-9641 Mar 28 j 00:06	24°♑55'50	0°37'07
	-9641 Mar 30 j 09:39	0°♒	
max. Earth dist.	-9641 Mar 30 j 11:56	0°♒11'55	1.33959 AU
evening rise	-9641 Apr 04 j 19:41	11°♒03'20	
	-9641 Apr 15 j 02:35	0°♓	
	-9641 May 06 j 08:09	0°♈	
evening max el	-9641 May 08 j 19:39	2°♈32'33	27°22'31
desc. node	-9641 May 09 j 14:18	3°♈17'01	
retrograde	-9641 May 22 j 10:23	10°♈04'29	
evening set	-9641 May 29 j 10:09	7°♈22'58	
min. Earth dist.	-9641 Jun 02 j 02:14	3°♈58'25	0.63997 AU
inferior conj	-9641 Jun 04 j 12:46	1°♈20'07	-3°33'32
minimum elong	-9641 Jun 04 j 14:31	1°♈15'24	3°33'24
	-9641 Jun 05 j 18:46	30°℞♓	
morning rise	-9641 Jun 10 j 19:34	25°♓56'41	
direct	-9641 Jun 13 j 15:25	25°♓15'30	
morning max el	-9641 Jun 20 j 03:16	28°♓41'58	18°08'18
asc. node	-9641 Jun 20 j 03:01	28°♓41'22	
	-9641 Jun 21 j 08:28	0°♈	
morning set	-9641 Jul 07 j 23:47	26°♈04'32	
	-9641 Jul 10 j 07:04	0°♉	
superior conj	-9641 Jul 21 j 04:06	18°♉06'55	1°23'06
minimum elong	-9641 Jul 21 j 10:23	18°♉32'25	1°22'55
max. Earth dist.	-9641 Jul 26 j 00:46	25°♉57'26	1.43994 AU
	-9641 Jul 28 j 13:42	0°♊	
desc. node	-9641 Aug 05 j 11:33	12°♊24'38	
evening rise	-9641 Aug 06 j 13:49	14°♊06'36	
	-9641 Aug 16 j 22:30	0°♋	
evening max el	-9641 Sep 02 j 05:19	22°♋11'11	20°10'25
retrograde	-9641 Sep 09 j 22:08	26°♋40'29	
evening set	-9641 Sep 13 j 13:28	25°♋23'52	
asc. node	-9641 Sep 16 j 03:07	23°♋01'18	
inferior conj	-9641 Sep 19 j 01:04	19°♋21'49	0°56'35
minimum elong	-9641 Sep 18 j 23:46	19°♋26'07	0°56'38
min. Earth dist.	-9641 Sep 19 j 21:46	18°♋13'00	0.66511 AU
morning rise	-9641 Sep 24 j 09:50	13°♋03'29	
direct	-9641 Sep 30 j 01:23	10°♋38'12	
morning max el	-9641 Oct 11 j 17:54	17°♋34'56	25°01'07
	-9641 Oct 22 j 04:37	0°♌	
desc. node	-9641 Nov 01 j 11:16	14°♌38'32	
	-9641 Nov 11 j 02:53	0°♍	
morning set	-9641 Nov 16 j 18:11	9°♍42'41	
max. Earth dist.	-9641 Nov 20 j 14:08	16°♍38'47	1.37290 AU
superior conj	-9641 Nov 26 j 22:00	28°♍42'01	-1°42'31
minimum elong	-9641 Nov 26 j 22:37	28°♍45'02	1°42'26
	-9641 Nov 27 j 13:53	0°♎	
evening rise	-9641 Dec 05 j 04:08	15°♎11'46	
	-9641 Dec 12 j 23:04	0°♏	
asc. node	-9641 Dec 13 j 01:17	0°♏09'37	
evening max el	-9641 Dec 22 j 09:42	12°♏57'26	19°26'28
retrograde	-9641 Dec 31 j 14:13	17°♏18'14	
evening set	-9640 Jan 03 j 02:37	17°♏00'11	
inferior conj	-9640 Jan 11 j 08:35	12°♏51'23	3°45'49
minimum elong	-9640 Jan 11 j 13:00	12°♏44'05	3°44'47
min. Earth dist.	-9640 Jan 14 j 02:13	11°♏03'45	0.56828 AU
morning rise	-9640 Jan 19 j 21:11	8°♏03'23	
direct	-9640 Jan 24 j 16:41	7°♏10'35	
desc. node	-9640 Jan 28 j 12:33	7°♏44'33	
morning max el	-9640 Feb 07 j 15:48	14°♏14'53	24°42'32
	-9640 Feb 20 j 00:13	0°♐	
morning set	-9640 Mar 04 j 10:20	24°♐55'29	
	-9640 Mar 06 j 19:41	0°♑	
asc. node	-9640 Mar 09 j 23:38	6°♑50'15	
superior conj	-9640 Mar 11 j 10:35	9°♑59'40	0°14'19
minimum elong	-9640 Mar 11 j 10:00	9°♑56'27	0°13'38
behind sun begin	-9640 Mar 11 j 07:26	9°♑42'34	
behind sun end	-9640 Mar 11 j 12:34	10°♑10'20	
max. Earth dist.	-9640 Mar 12 j 19:47	12°♑58'45	1.33241 AU
evening rise	-9640 Mar 18 j 19:25	25°♑32'14	
	-9640 Mar 21 j 00:59	0°♒	
	-9640 Apr 07 j 15:29	0°♓	
evening max el	-9640 Apr 20 j 04:18	15°♓15'22	27°22'21
desc. node	-9640 Apr 25 j 11:37	19°♓38'43	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9640 May 04 j 02:04	22°♓45'35	
evening set	-9640 May 11 j 00:14	20°♓24'08	
min. Earth dist.	-9640 May 14 j 16:21	17°♓24'44	0.62264 AU
inferior conj	-9640 May 17 j 16:09	14°♓31'56	-3°41'57
minimum elong	-9640 May 17 j 16:19	14°♓31'33	3°42'10
morning rise	-9640 May 24 j 09:44	9°♓27'22	
direct	-9640 May 27 j 01:36	8°♓55'00	
morning max el	-9640 Jun 02 j 17:15	12°♓17'33	18°00'44
asc. node	-9640 Jun 05 j 23:51	16°♓06'10	
	-9640 Jun 14 j 16:41	0°♈	
morning set	-9640 Jun 19 j 06:53	8°♈10'12	
superior conj	-9640 Jun 30 j 16:26	28°♈09'50	1°44'00
minimum elong	-9640 Jun 30 j 19:44	28°♈23'52	1°44'03
	-9640 Jul 01 j 18:24	0°♉	
max. Earth dist.	-9640 Jul 07 j 12:25	9°♉33'34	1.42786 AU
evening rise	-9640 Jul 15 j 14:55	22°♉31'39	
	-9640 Jul 20 j 10:34	0°♊	
desc. node	-9640 Jul 22 j 08:48	2°♊56'34	
	-9640 Aug 10 j 07:25	0°♋	
evening max el	-9640 Aug 15 j 04:02	5°♋35'39	21°18'57
retrograde	-9640 Aug 23 j 18:22	10°♋40'01	
evening set	-9640 Aug 27 j 21:42	9°♋04'08	
inferior conj	-9640 Sep 02 j 05:29	2°♋54'36	0°04'20
minimum elong	-9640 Sep 02 j 05:23	2°♋55'00	0°04'52
transit middle	-9640 Sep 02 j 05:23	2°♋55'00	0°04'52
transit begin	-9640 Sep 02 j 02:47	3°♋03'52	
transit end	-9640 Sep 02 j 07:58	2°♋46'07	
asc. node	-9640 Sep 02 j 00:10	3°♋12'49	
min. Earth dist.	-9640 Sep 02 j 15:26	2°♋20'30	0.67026 AU
	-9640 Sep 04 j 09:34	30°℞♊	
morning rise	-9640 Sep 07 j 12:54	26°♊35'30	
direct	-9640 Sep 12 j 13:46	24°♊28'40	
	-9640 Sep 22 j 07:48	0°♋	
morning max el	-9640 Sep 23 j 03:42	0°♋49'23	23°38'12
	-9640 Oct 15 j 04:08	0°♌	
desc. node	-9640 Oct 18 j 08:01	4°♌50'25	
morning set	-9640 Oct 28 j 03:25	20°♌41'14	
max. Earth dist.	-9640 Nov 01 j 12:03	28°♌10'34	1.39264 AU
	-9640 Nov 02 j 12:56	0°♍	
superior conj	-9640 Nov 08 j 21:58	11°♍35'50	-1°41'33
minimum elong	-9640 Nov 08 j 20:37	11°♍29'31	1°41'16
evening rise	-9640 Nov 18 j 00:18	29°♍02'35	
	-9640 Nov 18 j 12:09	0°♎	
asc. node	-9640 Nov 28 j 22:35	18°♎36'52	
evening max el	-9640 Dec 04 j 09:23	25°♎25'08	18°40'09
retrograde	-9640 Dec 12 j 08:18	29°♎17'09	
evening set	-9640 Dec 14 j 20:29	28°♎55'32	
inferior conj	-9640 Dec 22 j 12:27	24°♎27'30	4°13'43
minimum elong	-9640 Dec 22 j 13:25	24°♎25'40	4°13'30
min. Earth dist.	-9640 Dec 25 j 17:57	22°♎00'57	0.58482 AU
morning rise	-9640 Dec 30 j 04:27	19°♎15'48	
direct	-9639 Jan 05 j 05:12	17°♎46'06	
desc. node	-9639 Jan 14 j 09:22	21°♎01'16	
morning max el	-9639 Jan 19 j 07:51	25°♎05'02	26°08'12
	-9639 Jan 23 j 21:44	0°♏	
	-9639 Feb 11 j 23:31	0°♐	
morning set	-9639 Feb 16 j 22:09	9°♐59'06	
superior conj	-9639 Feb 23 j 21:47	25°♐02'00	-0°09'26
minimum elong	-9639 Feb 23 j 22:12	25°♐04'19	0°09'54
behind sun begin	-9639 Feb 23 j 18:17	24°♐42'55	
behind sun end	-9639 Feb 24 j 02:08	25°♐25'42	
max. Earth dist.	-9639 Feb 24 j 08:23	25°♐59'48	1.32846 AU
asc. node	-9639 Feb 24 j 20:43	27°♐07'02	
	-9639 Feb 26 j 04:33	0°♑	
evening rise	-9639 Mar 03 j 01:03	10°♑18'39	
	-9639 Mar 13 j 08:50	0°♒	
evening max el	-9639 Apr 02 j 08:16	27°♒21'58	26°49'23
	-9639 Apr 05 j 07:50	0°♓	
desc. node	-9639 Apr 12 j 08:54	4°♓05'38	
retrograde	-9639 Apr 16 j 10:05	4°♓47'12	
evening set	-9639 Apr 22 j 20:44	2°♓57'09	
min. Earth dist.	-9639 Apr 26 j 21:23	0°♓09'06	0.60296 AU
	-9639 Apr 27 j 01:54	30°℞♒	
inferior conj	-9639 Apr 30 j 05:30	27°♒20'46	-3°30'57
minimum elong	-9639 Apr 30 j 03:29	27°♒25'03	3°31'08
morning rise	-9639 May 07 j 12:30	22°♒36'45	
direct	-9639 May 10 j 00:53	22°♒12'02	
morning max el	-9639 May 17 j 05:25	25°♒42'30	18°12'09
	-9639 May 20 j 21:52	0°♓	
asc. node	-9639 May 23 j 20:41	4°♓21'13	
morning set	-9639 Jun 02 j 07:37	21°♓08'54	
	-9639 Jun 07 j 01:38	0°♈	
superior conj	-9639 Jun 12 j 07:32	9°♈33'24	1°49'56
minimum elong	-9639 Jun 12 j 07:29	9°♈33'12	1°49'58
max. Earth dist.	-9639 Jun 19 j 18:20	22°♈31'27	1.41121 AU
	-9639 Jun 24 j 06:12	0°♉	
evening rise	-9639 Jun 25 j 06:19	1°♉38'12	
desc. node	-9639 Jul 09 j 06:07	23°♉18'05	
	-9639 Jul 13 j 21:05	0°♊	
evening max el	-9639 Jul 28 j 20:08	18°♊57'20	22°36'57
retrograde	-9639 Aug 07 j 12:45	24°♊42'26	
evening set	-9639 Aug 12 j 05:48	22°♊45'36	
inferior conj	-9639 Aug 17 j 11:38	16°♊31'26	-0°46'20
minimum elong	-9639 Aug 17 j 12:37	16°♊28'02	0°45'25
min. Earth dist.	-9639 Aug 17 j 11:12	16°♊32'57	0.67248 AU
asc. node	-9639 Aug 19 j 21:11	13°♊19'00	
morning rise	-9639 Aug 22 j 19:21	10°♊14'55	
direct	-9639 Aug 27 j 06:23	8°♊27'32	
morning max el	-9639 Sep 05 j 16:35	14°♊06'34	22°14'05
	-9639 Sep 18 j 07:23	0°♋	
desc. node	-9639 Oct 05 j 04:52	25°♋16'09	
morning set	-9639 Oct 08 j 09:36	0°♌21'22	
	-9639 Oct 08 j 04:17	0°♌	
max. Earth dist.	-9639 Oct 14 j 12:42	10°♌24'32	1.41235 AU
superior conj	-9639 Oct 22 j 03:09	23°♌30'38	-1°29'54
minimum elong	-9639 Oct 21 j 23:28	23°♌14'20	1°29'13
	-9639 Oct 25 j 17:55	0°♍	
evening rise	-9639 Nov 01 j 10:24	12°♍20'14	
	-9639 Nov 11 j 09:03	0°♎	
asc. node	-9639 Nov 15 j 19:52	6°♎15'56	
evening max el	-9639 Nov 17 j 16:27	8°♎18'00	18°14'03
retrograde	-9639 Nov 24 j 19:49	11°♎54'20	
evening set	-9639 Nov 27 j 08:35	11°♎27'59	
inferior conj	-9639 Dec 04 j 11:39	6°♎38'22	4°09'37
minimum elong	-9639 Dec 04 j 09:39	6°♎42'45	4°09'26
min. Earth dist.	-9639 Dec 07 j 15:22	3°♎52'52	0.60358 AU
morning rise	-9639 Dec 11 j 09:16	1°♎07'03	
	-9639 Dec 13 j 12:48	30°℞♍	
direct	-9639 Dec 18 j 04:38	29°♍00'21	
	-9639 Dec 23 j 00:29	0°♎	
morning max el	-9638 Jan 01 j 05:37	6°♎28'04	27°08'34
desc. node	-9638 Jan 01 j 06:08	6°♎29'20	
	-9638 Jan 18 j 23:12	0°♏	
morning set	-9638 Feb 01 j 07:29	24°♏54'08	
	-9638 Feb 03 j 17:42	0°♐	
superior conj	-9638 Feb 08 j 09:36	10°♐05'16	-0°32'26
minimum elong	-9638 Feb 08 j 10:56	10°♐12'29	0°32'41
max. Earth dist.	-9638 Feb 07 j 21:57	9°♐01'38	1.32767 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9638 Feb 11 j 17:52	17°♐22'33	
evening rise	-9638 Feb 15 j 10:21	25°♐14'32	
	-9638 Feb 17 j 17:47	0°♑	
	-9638 Mar 07 j 13:10	0°♒	
evening max el	-9638 Mar 15 j 06:23	8°♒49'47	25°46'20
retrograde	-9638 Mar 29 j 08:58	16°♒05'05	
desc. node	-9638 Mar 30 j 06:08	16°♒03'11	
evening set	-9638 Apr 03 j 21:39	14°♒51'15	
min. Earth dist.	-9638 Apr 08 j 19:26	11°♒59'07	0.58319 AU
inferior conj	-9638 Apr 12 j 01:15	9°♒37'35	-2°53'28
minimum elong	-9638 Apr 11 j 21:20	9°♒44'45	2°53'11
morning rise	-9638 Apr 20 j 00:10	5°♒13'43	
direct	-9638 Apr 22 j 08:54	4°♒55'28	
morning max el	-9638 Apr 30 j 12:54	8°♒48'06	18°42'59
asc. node	-9638 May 10 j 17:32	23°♒14'37	
	-9638 May 14 j 09:17	0°♓	
morning set	-9638 May 16 j 21:27	4°♓49'08	
superior conj	-9638 May 25 j 20:27	22°♓03'53	1°44'29
minimum elong	-9638 May 25 j 18:18	21°♓53'49	1°44'13
	-9638 May 30 j 03:32	0°♈	
max. Earth dist.	-9638 Jun 01 j 19:10	4°♈44'58	1.39243 AU
evening rise	-9638 Jun 06 j 00:03	12°♈02'37	
	-9638 Jun 17 j 02:09	0°♉	
desc. node	-9638 Jun 26 j 03:31	13°♉23'14	
	-9638 Jul 09 j 03:01	0°♊	
evening max el	-9638 Jul 11 j 07:32	2°♊18'10	23°58'55
retrograde	-9638 Jul 22 j 04:05	8°♊43'40	
evening set	-9638 Jul 27 j 11:51	6°♊26'14	
inferior conj	-9638 Aug 01 j 17:45	0°♊10'09	-1°33'55
minimum elong	-9638 Aug 01 j 19:38	0°♊03'44	1°32'47
min. Earth dist.	-9638 Aug 01 j 06:36	0°♊48'09	0.67168 AU
	-9638 Aug 01 j 20:44	30°℞♉	
asc. node	-9638 Aug 06 j 18:08	24°♉17'53	
morning rise	-9638 Aug 07 j 03:22	23°♉59'38	
direct	-9638 Aug 11 j 02:19	22°♉30'36	
morning max el	-9638 Aug 19 j 10:56	27°♉28'20	20°55'57
	-9638 Aug 21 j 17:57	0°♊	
	-9638 Sep 11 j 21:33	0°♋	
morning set	-9638 Sep 17 j 17:23	8°♋59'55	
desc. node	-9638 Sep 22 j 01:47	15°♋50'43	
max. Earth dist.	-9638 Sep 26 j 19:14	23°♋25'58	1.42923 AU
	-9638 Sep 30 j 19:21	0°♌	
superior conj	-9638 Oct 03 j 07:43	4°♌11'56	-1°05'03
minimum elong	-9638 Oct 03 j 02:44	3°♌51'00	1°04'00
evening rise	-9638 Oct 15 j 06:24	24°♌55'12	
	-9638 Oct 18 j 03:08	0°♍	
evening max el	-9638 Nov 01 j 04:10	21°♍28'59	18°07'43
asc. node	-9638 Nov 02 j 17:08	22°♍52'50	
retrograde	-9638 Nov 07 j 21:06	25°♍00'36	
evening set	-9638 Nov 10 j 11:57	24°♍27'56	
inferior conj	-9638 Nov 17 j 03:31	19°♍17'37	3°43'49
minimum elong	-9638 Nov 17 j 00:04	19°♍26'15	3°43'20
min. Earth dist.	-9638 Nov 19 j 21:22	16°♍33'46	0.62187 AU
morning rise	-9638 Nov 23 j 11:09	13°♍30'35	
direct	-9638 Nov 30 j 13:14	10°♍57'07	
morning max el	-9638 Dec 14 j 09:33	18°♍30'35	27°35'21
desc. node	-9638 Dec 19 j 02:53	23°♍34'37	
	-9638 Dec 24 j 05:10	0°♎	
	-9637 Jan 11 j 15:46	0°♏	
morning set	-9637 Jan 16 j 12:13	9°♏32'58	
max. Earth dist.	-9637 Jan 22 j 08:43	21°♏50'41	1.33030 AU
superior conj	-9637 Jan 23 j 20:24	25°♏03'31	-0°53'54
minimum elong	-9637 Jan 23 j 22:24	25°♏14'20	0°53'59
	-9637 Jan 26 j 03:03	0°♐	

asc. node	-9637 Jan 29 j 15:04	7°♐32'33	
evening rise	-9637 Jan 30 j 21:27	10°♐13'16	
	-9637 Feb 10 j 04:45	0°♑	
evening max el	-9637 Feb 25 j 00:16	19°♑49'22	24°21'44
retrograde	-9637 Mar 10 j 20:18	26°♑43'33	
evening set	-9637 Mar 15 j 05:09	26°♑00'41	
desc. node	-9637 Mar 17 j 03:17	25°♑16'33	
min. Earth dist.	-9637 Mar 21 j 13:24	22°♑51'52	0.56650 AU
inferior conj	-9637 Mar 24 j 01:16	21°♑16'40	-1°43'43
minimum elong	-9637 Mar 23 j 21:33	21°♑22'35	1°43'13
morning rise	-9637 Apr 01 j 17:03	17°♑08'37	
direct	-9637 Apr 03 j 22:51	16°♑54'52	
morning max el	-9637 Apr 13 j 12:43	21°♑24'54	19°33'36
	-9637 Apr 20 j 09:40	0°♒	
asc. node	-9637 Apr 27 j 14:27	12°♒37'36	
morning set	-9637 Apr 30 j 20:45	19°♒02'18	
	-9637 May 06 j 07:50	0°♓	
superior conj	-9637 May 09 j 01:42	5°♓26'34	1°31'10
minimum elong	-9637 May 08 j 22:46	5°♓12'10	1°30'34
max. Earth dist.	-9637 May 14 j 20:23	16°♓31'04	1.37411 AU
evening rise	-9637 May 18 j 20:05	23°♓47'42	
	-9637 May 22 j 09:03	0°♈	
	-9637 Jun 10 j 18:09	0°♉	
desc. node	-9637 Jun 13 j 00:55	3°♉04'55	
evening max el	-9637 Jun 23 j 17:23	15°♉41'42	25°17'09
retrograde	-9637 Jul 05 j 15:21	22°♉39'41	
evening set	-9637 Jul 11 j 13:52	20°♉04'48	
min. Earth dist.	-9637 Jul 15 j 23:17	15°♉04'21	0.66766 AU
inferior conj	-9637 Jul 16 j 22:03	13°♉49'26	-2°16'57
minimum elong	-9637 Jul 17 j 00:33	13°♉41'14	2°15'49
morning rise	-9637 Jul 22 j 11:13	7°♉48'12	
asc. node	-9637 Jul 24 j 15:05	6°♉46'19	
direct	-9637 Jul 26 j 00:08	6°♉35'26	
morning max el	-9637 Aug 02 j 11:51	10°♉56'42	19°49'02
	-9637 Aug 16 j 12:19	0°♊	
morning set	-9637 Aug 27 j 19:40	17°♊26'18	
	-9637 Sep 04 j 20:07	0°♋	
desc. node	-9637 Sep 08 j 22:46	6°♋30'28	
max. Earth dist.	-9637 Sep 09 j 07:49	7°♋06'31	1.44100 AU
superior conj	-9637 Sep 13 j 08:32	13°♋33'45	-0°26'39
minimum elong	-9637 Sep 13 j 05:36	13°♋21'57	0°25'43
	-9637 Sep 23 j 09:00	0°♌	
evening rise	-9637 Sep 27 j 07:16	6°♌35'53	
	-9637 Oct 11 j 18:07	0°♍	
evening max el	-9637 Oct 15 j 17:35	4°♍51'21	18°20'08
asc. node	-9637 Oct 20 j 14:22	8°♍11'43	
retrograde	-9637 Oct 22 j 08:05	8°♍27'47	
evening set	-9637 Oct 25 j 02:58	7°♍46'31	
inferior conj	-9637 Oct 31 j 08:33	2°♍17'41	3°04'35
minimum elong	-9637 Oct 31 j 04:55	2°♍27'45	3°03'56
	-9637 Nov 02 j 10:04	30°℞♌	
min. Earth dist.	-9637 Nov 02 j 13:15	29°♌51'22	0.63798 AU
morning rise	-9637 Nov 06 j 06:13	26°♌17'58	
direct	-9637 Nov 13 j 05:12	23°♌32'18	
	-9637 Nov 25 j 13:32	0°♍	
morning max el	-9637 Nov 26 j 17:39	1°♍06'52	27°27'09
desc. node	-9637 Dec 05 j 23:35	11°♍49'01	
	-9637 Dec 18 j 06:30	0°♎	
morning set	-9637 Dec 31 j 09:41	23°♎45'49	
	-9636 Jan 03 j 11:52	0°♏	
max. Earth dist.	-9636 Jan 05 j 12:55	4°♏14'17	1.33685 AU
superior conj	-9636 Jan 08 j 04:20	9°♏49'29	-1°12'58
minimum elong	-9636 Jan 08 j 06:40	10°♏01'54	1°12'58
evening rise	-9636 Jan 15 j 08:37	25°♏07'53	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9636 Jan 16 j 12:17	27°♏31'45	
	-9636 Jan 17 j 17:15	0°♐	
	-9636 Feb 06 j 01:30	0°♑	
evening max el	-9636 Feb 06 j 18:02	0°♑39'53	22°48'00
retrograde	-9636 Feb 19 j 18:34	6°♑57'43	
evening set	-9636 Feb 23 j 03:00	6°♑33'12	
min. Earth dist.	-9636 Mar 02 j 04:57	2°♑56'20	0.55613 AU
inferior conj	-9636 Mar 03 j 07:19	2°♑18'09	-0°04'35
minimum elong	-9636 Mar 03 j 07:06	2°♑18'29	0°05'05
transit middle	-9636 Mar 03 j 07:06	2°♑18'29	0°05'05
transit begin	-9636 Mar 03 j 03:14	2°♑24'04	
transit end	-9636 Mar 03 j 10:57	2°♑12'54	
desc. node	-9636 Mar 03 j 00:20	2°♑28'17	
	-9636 Mar 07 j 12:43	30°℞♐	
morning rise	-9636 Mar 12 j 12:46	28°♐16'22	
direct	-9636 Mar 14 j 20:42	28°♐03'26	
	-9636 Mar 21 j 15:41	0°♑	
morning max el	-9636 Mar 26 j 02:11	3°♑22'41	20°43'45
	-9636 Apr 12 j 07:14	0°♒	
asc. node	-9636 Apr 13 j 11:22	2°♒21'51	
morning set	-9636 Apr 14 j 02:33	3°♒39'06	
superior conj	-9636 Apr 21 j 18:39	19°♒27'17	1°12'45
minimum elong	-9636 Apr 21 j 15:51	19°♒13'00	1°11'55
max. Earth dist.	-9636 Apr 26 j 04:24	28°♒16'57	1.35807 AU
	-9636 Apr 27 j 01:31	0°♓	
evening rise	-9636 Apr 30 j 12:55	6°♓37'35	
	-9636 May 14 j 02:57	0°♈	
desc. node	-9636 May 29 j 22:18	22°♈12'59	
evening max el	-9636 Jun 05 j 03:50	29°♈06'01	26°23'07
	-9636 Jun 06 j 02:16	0°♉	
retrograde	-9636 Jun 17 j 21:52	6°♉24'52	
evening set	-9636 Jun 24 j 09:36	3°♉38'56	
	-9636 Jun 27 j 20:52	30°℞♈	
min. Earth dist.	-9636 Jun 28 j 10:46	29°♈17'50	0.66001 AU
inferior conj	-9636 Jun 29 j 22:36	27°♈26'41	-2°53'44
minimum elong	-9636 Jun 30 j 01:16	27°♈18'22	2°52'52
morning rise	-9636 Jul 05 j 17:03	21°♈38'02	
direct	-9636 Jul 08 j 22:00	20°♈39'10	
asc. node	-9636 Jul 10 j 11:58	20°♈53'02	
morning max el	-9636 Jul 15 j 18:56	24°♈31'42	18°56'45
	-9636 Jul 20 j 07:25	0°♉	
morning set	-9636 Aug 06 j 12:44	26°♉36'32	
	-9636 Aug 08 j 15:46	0°♊	
superior conj	-9636 Aug 22 j 11:56	21°♊56'07	0°20'05
minimum elong	-9636 Aug 22 j 14:31	22°♊06'18	0°20'20
max. Earth dist.	-9636 Aug 22 j 00:30	21°♊10'55	1.44618 AU
desc. node	-9636 Aug 25 j 19:50	27°♊12'15	
	-9636 Aug 27 j 14:08	0°♋	
evening rise	-9636 Sep 07 j 07:40	17°♋09'47	
	-9636 Sep 15 j 07:00	0°♌	
evening max el	-9636 Sep 28 j 05:51	18°♌19'15	18°50'12
retrograde	-9636 Oct 05 j 01:10	22°♌09'28	
asc. node	-9636 Oct 06 j 11:34	21°♌57'47	
evening set	-9636 Oct 08 j 02:13	21°♌16'51	
inferior conj	-9636 Oct 13 j 23:26	15°♌32'24	2°17'39
minimum elong	-9636 Oct 13 j 20:27	15°♌41'29	2°17'05
min. Earth dist.	-9636 Oct 15 j 14:47	13°♌33'06	0.65102 AU
morning rise	-9636 Oct 19 j 14:15	9°♌22'51	
direct	-9636 Oct 26 j 03:26	6°♌38'17	
morning max el	-9636 Nov 08 j 03:36	14°♌06'54	26°47'59
	-9636 Nov 21 j 05:23	0°♍	
desc. node	-9636 Nov 21 j 20:16	0°♍52'18	
	-9636 Dec 09 j 21:35	0°♎	
morning set	-9636 Dec 13 j 20:34	7°♎22'23	
max. Earth dist.	-9636 Dec 18 j 07:33	16°♎06'31	1.34765 AU
superior conj	-9636 Dec 22 j 07:20	24°♎16'22	-1°28'33
minimum elong	-9636 Dec 22 j 09:31	24°♎27'44	1°28'32
	-9636 Dec 25 j 01:03	0°♏	
evening rise	-9636 Dec 29 j 18:13	9°♏52'49	
asc. node	-9635 Jan 02 j 09:31	17°♏14'50	
	-9635 Jan 09 j 11:56	0°♐	
evening max el	-9635 Jan 18 j 17:00	11°♐44'53	21°18'09
retrograde	-9635 Jan 30 j 08:55	17°♐15'48	
evening set	-9635 Feb 02 j 03:08	16°♐58'22	
inferior conj	-9635 Feb 11 j 04:14	12°♐58'35	1°43'53
minimum elong	-9635 Feb 11 j 08:31	12°♐52'27	1°42'02
min. Earth dist.	-9635 Feb 11 j 18:59	12°♐37'31	0.55423 AU
desc. node	-9635 Feb 17 j 21:20	9°♐35'18	
morning rise	-9635 Feb 20 j 13:24	8°♐48'02	
direct	-9635 Feb 23 j 10:52	8°♐29'33	
morning max el	-9635 Mar 08 j 04:28	14°♐39'26	22°10'46
	-9635 Mar 19 j 18:41	0°♑	
morning set	-9635 Mar 29 j 12:28	18°♑32'06	
asc. node	-9635 Mar 31 j 08:19	22°♑21'20	
	-9635 Apr 03 j 23:05	0°♒	
superior conj	-9635 Apr 05 j 19:47	3°♒55'36	0°51'12
minimum elong	-9635 Apr 05 j 17:39	3°♒44'25	0°50'19
max. Earth dist.	-9635 Apr 08 j 22:24	10°♒23'10	1.34530 AU
evening rise	-9635 Apr 13 j 21:03	20°♒15'56	
	-9635 Apr 19 j 01:31	0°♓	
	-9635 May 08 j 01:35	0°♈	
desc. node	-9635 May 16 j 19:41	10°♈33'14	
evening max el	-9635 May 18 j 14:46	12°♈22'33	27°08'29
retrograde	-9635 May 31 j 23:07	19°♈51'55	
evening set	-9635 Jun 07 j 20:23	17°♈04'53	
min. Earth dist.	-9635 Jun 11 j 14:53	13°♈21'36	0.64842 AU
inferior conj	-9635 Jun 13 j 17:05	10°♈58'03	-3°22'08
minimum elong	-9635 Jun 13 j 19:23	10°♈51'29	3°21'43
morning rise	-9635 Jun 19 j 18:47	5°♈24'53	
direct	-9635 Jun 22 j 17:34	4°♈37'48	
asc. node	-9635 Jun 27 j 08:50	6°♈28'49	
morning max el	-9635 Jun 29 j 06:34	8°♈10'44	18°21'00
	-9635 Jul 14 j 02:35	0°♉	
morning set	-9635 Jul 18 j 06:38	6°♉56'18	
	-9635 Aug 01 j 09:41	0°♊	
superior conj	-9635 Aug 01 j 13:37	0°♊15'47	1°03'43
minimum elong	-9635 Aug 01 j 20:02	0°♊41'24	1°03'30
max. Earth dist.	-9635 Aug 04 j 17:41	5°♊18'36	1.44420 AU
desc. node	-9635 Aug 12 j 16:58	17°♊52'39	
evening rise	-9635 Aug 18 j 05:22	26°♊30'45	
	-9635 Aug 20 j 11:00	0°♋	
greatest brilliancy	-9635 Aug 29 j 09:14	13°♋48'24	-0.7m
	-9635 Sep 09 j 23:06	0°♌	
evening max el	-9635 Sep 11 j 14:13	1°♌47'17	19°36'45
retrograde	-9635 Sep 18 j 21:19	6°♌00'04	
evening set	-9635 Sep 22 j 06:47	4°♌53'04	
asc. node	-9635 Sep 23 j 08:43	4°♌04'05	
	-9635 Sep 27 j 01:33	30°℞♋	
inferior conj	-9635 Sep 27 j 21:22	28°♋56'16	1°26'41
minimum elong	-9635 Sep 27 j 19:24	29°♋02'38	1°26'28
min. Earth dist.	-9635 Sep 29 j 00:27	27°♋28'33	0.66085 AU
morning rise	-9635 Oct 03 j 07:45	22°♋40'02	
direct	-9635 Oct 09 j 07:31	20°♋06'08	
morning max el	-9635 Oct 21 j 13:32	27°♋18'23	25°44'51
	-9635 Oct 24 j 02:57	0°♌	
desc. node	-9635 Nov 08 j 16:58	20°♌29'28	
	-9635 Nov 14 j 21:15	0°♍	
morning set	-9635 Nov 26 j 16:28	20°♍09'08	
max. Earth dist.	-9635 Nov 30 j 15:10	27°♍30'54	1.36266 AU
	-9635 Dec 01 j 22:14	0°♎	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9635 Dec 06 j 02:42	8°♎15'13	-1°39'16
minimum elong	-9635 Dec 06 j 04:07	8°♎22'16	1°39'14
evening rise	-9635 Dec 14 j 00:21	24°♎21'29	
	-9635 Dec 16 j 19:52	0°♏	
asc. node	-9635 Dec 20 j 06:47	6°♏35'06	
evening max el	-9634 Jan 01 j 01:07	23°♏20'16	20°01'56
retrograde	-9634 Jan 11 j 02:51	28°♏04'28	
evening set	-9634 Jan 13 j 15:47	27°♏47'45	
inferior conj	-9634 Jan 22 j 05:38	23°♏45'56	3°12'04
minimum elong	-9634 Jan 22 j 11:12	23°♏37'20	3°10'25
min. Earth dist.	-9634 Jan 24 j 08:38	22°♏27'40	0.56099 AU
morning rise	-9634 Jan 31 j 04:40	19°♏12'37	
direct	-9634 Feb 04 j 05:05	18°♏36'51	
desc. node	-9634 Feb 04 j 18:14	18°♏37'32	
morning max el	-9634 Feb 17 j 22:10	25°♏26'33	23°47'29
	-9634 Feb 22 j 03:40	0°♐	
	-9634 Mar 12 j 07:05	0°♑	
morning set	-9634 Mar 14 j 00:32	3°♑34'39	
asc. node	-9634 Mar 18 j 05:19	12°♑31'13	
superior conj	-9634 Mar 21 j 02:28	18°♑43'11	0°28'00
minimum elong	-9634 Mar 21 j 01:17	18°♑36'50	0°27'12
max. Earth dist.	-9634 Mar 23 j 01:46	22°♑55'32	1.33605 AU
	-9634 Mar 26 j 10:58	0°♒	
evening rise	-9634 Mar 28 j 16:03	4°♒29'23	
	-9634 Apr 11 j 18:54	0°♓	
evening max el	-9634 May 01 j 00:40	25°♓20'20	27°26'24
desc. node	-9634 May 03 j 17:03	27°♓45'53	
	-9634 May 06 j 16:27	0°♈	
retrograde	-9634 May 14 j 18:45	2°♈52'41	
evening set	-9634 May 21 j 19:05	0°♈17'39	
	-9634 May 22 j 04:28	30°℞♓	
min. Earth dist.	-9634 May 25 j 10:13	27°♓05'37	0.63293 AU
inferior conj	-9634 May 28 j 02:53	24°♓18'53	-3°39'06
minimum elong	-9634 May 28 j 04:03	24°♓15'52	3°39'09
morning rise	-9634 Jun 03 j 13:59	19°♓03'36	
direct	-9634 Jun 06 j 08:01	18°♓26'24	
morning max el	-9634 Jun 12 j 20:30	21°♓49'46	18°02'56
asc. node	-9634 Jun 14 j 05:40	23°♓18'33	
	-9634 Jun 19 j 03:20	0°♈	
morning set	-9634 Jun 30 j 01:22	18°♈26'08	
	-9634 Jul 06 j 18:05	0°♉	
superior conj	-9634 Jul 12 j 10:35	9°♉33'35	1°33'57
minimum elong	-9634 Jul 12 j 15:51	9°♉55'22	1°33'53
max. Earth dist.	-9634 Jul 18 j 07:44	19°♉09'57	1.43542 AU
	-9634 Jul 25 j 03:20	0°♊	
evening rise	-9634 Jul 28 j 08:21	5°♊00'33	
desc. node	-9634 Jul 30 j 14:12	8°♊28'54	
	-9634 Aug 13 j 21:54	0°♋	
evening max el	-9634 Aug 25 j 16:45	15°♋13'24	20°38'01
retrograde	-9634 Sep 02 j 18:11	19°♋57'14	
evening set	-9634 Sep 06 j 14:18	18°♋32'46	
asc. node	-9634 Sep 10 j 05:50	14°♋46'27	
inferior conj	-9634 Sep 12 j 00:02	12°♋26'56	0°34'21
minimum elong	-9634 Sep 11 j 23:15	12°♋29'35	0°34'36
min. Earth dist.	-9634 Sep 12 j 16:04	11°♋32'46	0.66766 AU
morning rise	-9634 Sep 17 j 08:01	6°♋07'34	
direct	-9634 Sep 22 j 17:09	3°♋49'57	
morning max el	-9634 Oct 03 j 23:01	10°♋33'06	24°26'26
	-9634 Oct 19 j 10:58	0°♌	
desc. node	-9634 Oct 26 j 13:42	10°♌30'52	
	-9634 Nov 07 j 14:08	0°♍	
morning set	-9634 Nov 08 j 16:01	1°♍51'40	
max. Earth dist.	-9634 Nov 12 j 14:27	8°♍49'17	1.38114 AU
superior conj	-9634 Nov 19 j 11:02	21°♍36'20	-1°43'15
minimum elong	-9634 Nov 19 j 10:54	21°♍35'41	1°43'05
	-9634 Nov 23 j 18:19	0°♎	
evening rise	-9634 Nov 28 j 00:54	8°♎28'03	
asc. node	-9634 Dec 07 j 04:04	25°♎24'40	
	-9634 Dec 10 j 04:10	0°♏	
evening max el	-9634 Dec 14 j 19:33	5°♏30'27	19°04'14
retrograde	-9634 Dec 23 j 10:30	9°♏37'28	
evening set	-9634 Dec 25 j 22:31	9°♏18'12	
inferior conj	-9633 Jan 02 j 22:29	5°♏02'05	4°02'14
minimum elong	-9633 Jan 03 j 01:31	4°♏56'46	4°01'38
min. Earth dist.	-9633 Jan 05 j 23:17	2°♏55'21	0.57482 AU
morning rise	-9633 Jan 11 j 02:17	0°♏03'03	
	-9633 Jan 11 j 05:16	30°℞♎	
direct	-9633 Jan 16 j 11:03	28°♎55'14	
	-9633 Jan 21 j 17:12	0°♏	
desc. node	-9633 Jan 22 j 15:05	0°♏23'54	
morning max el	-9633 Jan 30 j 13:00	6°♏07'57	25°21'20
	-9633 Feb 16 j 21:58	0°♐	
morning set	-9633 Feb 26 j 12:55	18°♐39'42	
	-9633 Mar 03 j 19:42	0°♑	
asc. node	-9633 Mar 05 j 02:20	2°♑46'42	
superior conj	-9633 Mar 05 j 12:33	3°♑42'13	0°04'13
minimum elong	-9633 Mar 05 j 12:24	3°♑41'22	0°03'36
behind sun begin	-9633 Mar 05 j 07:28	3°♑14'35	
behind sun end	-9633 Mar 05 j 17:19	4°♑08'08	
max. Earth dist.	-9633 Mar 06 j 11:50	5°♑48'35	1.33024 AU
evening rise	-9633 Mar 12 j 18:34	19°♑06'31	
	-9633 Mar 18 j 07:23	0°♒	
	-9633 Apr 06 j 07:45	0°♓	
evening max el	-9633 Apr 13 j 07:26	7°♓48'00	27°12'24
desc. node	-9633 Apr 20 j 14:24	13°♓22'49	
retrograde	-9633 Apr 27 j 07:41	15°♓17'29	
evening set	-9633 May 04 j 02:06	13°♓08'12	
min. Earth dist.	-9633 May 07 j 20:26	10°♓15'27	0.61433 AU
inferior conj	-9633 May 11 j 00:43	7°♓21'38	-3°40'05
minimum elong	-9633 May 11 j 00:00	7°♓23'18	3°40'22
morning rise	-9633 May 17 j 23:42	2°♓25'50	
direct	-9633 May 20 j 13:55	1°♓57'01	
morning max el	-9633 May 27 j 10:05	5°♓21'44	18°03'18
asc. node	-9633 Jun 01 j 02:29	11°♓06'07	
	-9633 Jun 12 j 04:25	0°♈	
morning set	-9633 Jun 12 j 16:32	0°♈55'16	
superior conj	-9633 Jun 23 j 10:40	20°♈11'28	1°48'09
minimum elong	-9633 Jun 23 j 12:26	20°♈19'12	1°48'14
	-9633 Jun 29 j 04:41	0°♉	
max. Earth dist.	-9633 Jun 30 j 16:24	2°♉28'36	1.42114 AU
evening rise	-9633 Jul 07 j 13:02	13°♉35'42	
desc. node	-9633 Jul 17 j 11:32	28°♉56'54	
	-9633 Jul 18 j 04:21	0°♊	
evening max el	-9633 Aug 08 j 12:33	28°♊36'32	21°51'18
	-9633 Aug 09 j 23:03	0°♋	
retrograde	-9633 Aug 17 j 13:52	3°♋58'08	
evening set	-9633 Aug 21 j 22:44	2°♋13'43	
	-9633 Aug 24 j 04:30	30°℞♊	
inferior conj	-9633 Aug 27 j 05:28	26°♊01'55	-0°17'25
minimum elong	-9633 Aug 27 j 05:50	26°♊00'39	0°16'42
min. Earth dist.	-9633 Aug 27 j 11:04	25°♊42'35	0.67154 AU
asc. node	-9633 Aug 28 j 02:53	24°♊48'15	
morning rise	-9633 Sep 01 j 12:47	19°♊43'13	
direct	-9633 Sep 06 j 07:37	17°♊44'30	
morning max el	-9633 Sep 16 j 09:43	23°♊48'15	23°02'01
	-9633 Sep 21 j 20:12	0°♋	
	-9633 Oct 12 j 21:50	0°♌	
desc. node	-9633 Oct 13 j 10:31	0°♌49'26	
morning set	-9633 Oct 20 j 13:58	12°♌17'25	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9633 Oct 25 j 12:21	20°♌35'11	1.40118 AU	
	-9633 Oct 30 j 21:06	0°♍		
superior conj	-9633 Nov 02 j 03:48	4°♍07'39	-1°38'05	
minimum elong	-9633 Nov 02 j 01:28	3°♍56'57	1°37'39	
evening rise	-9633 Nov 11 j 17:16	22°♍06'08		
	-9633 Nov 15 j 21:44	0°♎		
asc. node	-9633 Nov 24 j 01:23	13°♎33'34		
evening max el	-9633 Nov 27 j 22:52	18°♎11'05	18°26'38	
retrograde	-9633 Dec 05 j 12:07	21°♎54'29		
evening set	-9633 Dec 08 j 00:30	21°♎30'59		
inferior conj	-9633 Dec 15 j 10:51	16°♎54'11	4°15'14	
minimum elong	-9633 Dec 15 j 10:24	16°♎55'07	4°15'07	
min. Earth dist.	-9633 Dec 18 j 17:10	14°♎16'43	0.59274 AU	
morning rise	-9633 Dec 22 j 18:34	11°♎33'47		
direct	-9633 Dec 29 j 05:01	9°♎47'14		
desc. node	-9632 Jan 09 j 11:52	14°♎41'20		
morning max el	-9632 Jan 12 j 07:04	17°♎10'33	26°37'31	
	-9632 Jan 22 j 22:52	0°♏		
	-9632 Feb 09 j 05:06	0°♐		
morning set	-9632 Feb 10 j 23:56	3°♐40'53		
superior conj	-9632 Feb 18 j 00:15	18°♐46'20	-0°19'19	
minimum elong	-9632 Feb 18 j 01:05	18°♐50'50	0°19'41	
max. Earth dist.	-9632 Feb 18 j 01:16	18°♐51'51	1.32774 AU	
asc. node	-9632 Feb 19 j 23:28	23°♐03'54		
	-9632 Feb 23 j 04:43	0°♑		
evening rise	-9632 Feb 25 j 02:04	3°♑58'35		
	-9632 Mar 10 j 04:19	0°♒		
evening max el	-9632 Mar 25 j 09:09	19°♒38'41	26°25'57	
desc. node	-9632 Apr 06 j 11:38	26°♒49'59		
retrograde	-9632 Apr 08 j 12:06	27°♒00'12		
evening set	-9632 Apr 14 j 14:18	25°♒25'54		
min. Earth dist.	-9632 Apr 18 j 22:27	22°♒37'33	0.59438 AU	
inferior conj	-9632 Apr 22 j 07:01	19°♒58'08	-3°18'47	
minimum elong	-9632 Apr 22 j 04:04	20°♒04'02	3°18'47	
morning rise	-9632 Apr 29 j 20:29	15°♒22'31		
direct	-9632 May 02 j 07:17	15°♒00'44		
morning max el	-9632 May 09 j 20:33	18°♒39'09	18°22'48	
asc. node	-9632 May 17 j 23:20	29°♒38'40		
	-9632 May 18 j 04:25	0°♓		
morning set	-9632 May 25 j 23:20	14°♓12'37		
	-9632 Jun 03 j 08:31	0°♈		
superior conj	-9632 Jun 04 j 11:39	2°♈04'34	1°48'47	
minimum elong	-9632 Jun 04 j 10:32	1°♈59'28	1°48'43	
max. Earth dist.	-9632 Jun 11 j 19:43	15°♈06'27	1.40335 AU	
evening rise	-9632 Jun 16 j 14:59	23°♈13'05		
	-9632 Jun 20 j 18:58	0°♉		
desc. node	-9632 Jul 03 j 08:55	19°♉11'58		
	-9632 Jul 11 j 02:36	0°♊		
evening max el	-9632 Jul 21 j 02:28	11°♊57'46	23°11'54	
retrograde	-9632 Jul 31 j 06:56	18°♊00'04		
evening set	-9632 Aug 05 j 06:10	15°♊54'26		
inferior conj	-9632 Aug 10 j 11:48	9°♊39'27	-1°06'59	
minimum elong	-9632 Aug 10 j 13:12	9°♊34'38	1°05'56	
min. Earth dist.	-9632 Aug 10 j 06:58	9°♊56'06	0.67251 AU	
asc. node	-9632 Aug 13 j 23:53	5°♊10'13		
morning rise	-9632 Aug 15 j 20:07	3°♊25'03		
direct	-9632 Aug 20 j 01:53	1°♊45'26		
morning max el	-9632 Aug 29 j 00:31	7°♊06'11	21°39'46	
	-9632 Sep 15 j 08:19	0°♋		
morning set	-9632 Sep 29 j 09:19	21°♋27'00		
desc. node	-9632 Sep 29 j 07:23	21°♋19'21		
	-9632 Oct 04 j 17:03	0°♌		
max. Earth dist.	-9632 Oct 06 j 15:27	3°♌10'20	1.42004 AU	
superior conj	-9632 Oct 13 j 23:17	15°♌33'28	-1°21'05	
minimum elong	-9632 Oct 13 j 18:47	15°♌14'03	1°20'14	
	-9632 Oct 22 j 02:27	0°♍		
evening rise	-9632 Oct 24 j 21:56	5°♍07'04		
	-9632 Nov 09 j 04:51	0°♎		
asc. node	-9632 Nov 09 j 22:41	0°♎48'29		
evening max el	-9632 Nov 10 j 08:21	1°♎13'09	18°08'59	
retrograde	-9632 Nov 17 j 06:00	4°♎45'55		
evening set	-9632 Nov 19 j 19:36	4°♎16'56		
	-9632 Nov 25 j 23:26	30°℞♍		
inferior conj	-9632 Nov 26 j 17:34	29°♍18'09	4°00'43	
minimum elong	-9632 Nov 26 j 14:46	29°♍24'39	4°00'27	
min. Earth dist.	-9632 Nov 29 j 17:41	26°♍31'22	0.61161 AU	
morning rise	-9632 Dec 03 j 08:45	23°♍40'06		
direct	-9632 Dec 10 j 08:29	21°♍20'32		
morning max el	-9632 Dec 24 j 07:25	28°♍50'01	27°24'14	
	-9632 Dec 25 j 11:35	0°♎		
desc. node	-9632 Dec 26 j 08:36	0°♎54'42		
	-9631 Jan 15 j 15:54	0°♏		
morning set	-9631 Jan 25 j 07:36	18°♏30'00		
	-9631 Jan 30 j 17:51	0°♐		
max. Earth dist.	-9631 Jan 31 j 14:14	1°♐50'36	1.32846 AU	
superior conj	-9631 Feb 01 j 11:51	3°♐48'14	-0°41'45	
minimum elong	-9631 Feb 01 j 13:29	3°♐57'11	0°41'56	
asc. node	-9631 Feb 05 j 20:38	13°♐17'41		
evening rise	-9631 Feb 08 j 12:23	18°♐56'49		
	-9631 Feb 14 j 00:14	0°♑		
	-9631 Mar 06 j 07:38	0°♒		
evening max el	-9631 Mar 07 j 05:14	0°♒52'48	25°12'12	
retrograde	-9631 Mar 21 j 05:49	7°♒59'54		
desc. node	-9631 Mar 24 j 08:48	7°♒36'57		
evening set	-9631 Mar 26 j 07:07	7°♒00'31		
min. Earth dist.	-9631 Mar 31 j 18:16	4°♒02'48	0.57560 AU	
inferior conj	-9631 Apr 03 j 18:27	1°♒59'19	-2°27'59	
minimum elong	-9631 Apr 03 j 14:15	2°♒06'34	2°27'29	
	-9631 Apr 06 j 19:10	30°℞♑		
morning rise	-9631 Apr 12 j 00:34	27°♑42'49		
direct	-9631 Apr 14 j 08:04	27°♑26'39		
	-9631 Apr 21 j 04:59	0°♒		
morning max el	-9631 Apr 23 j 01:01	1°♒33'07	19°02'05	
asc. node	-9631 May 04 j 20:13	18°♒45'39		
morning set	-9631 May 09 j 17:35	28°♒08'06		
	-9631 May 10 j 16:21	0°♓		
superior conj	-9631 May 18 j 08:07	14°♓58'53	1°39'37	
minimum elong	-9631 May 18 j 05:30	14°♓46'20	1°39'12	
max. Earth dist.	-9631 May 24 j 20:25	27°♓07'24	1.38446 AU	
	-9631 May 26 j 10:54	0°♈		
evening rise	-9631 May 28 j 20:23	4°♈12'47		
	-9631 Jun 13 j 21:15	0°♉		
desc. node	-9631 Jun 20 j 06:18	9°♉08'10		
evening max el	-9631 Jul 03 j 12:54	25°♉19'51	24°33'13	
	-9631 Jul 09 j 02:52	0°♊		
retrograde	-9631 Jul 14 j 20:29	1°♊59'51		
	-9631 Jul 19 j 22:32	30°℞♉		
evening set	-9631 Jul 20 j 10:44	29°♉34'16		
min. Earth dist.	-9631 Jul 25 j 01:22	24°♉12'10	0.67038 AU	
inferior conj	-9631 Jul 25 j 17:20	23°♉18'25	-1°52'51	
minimum elong	-9631 Jul 25 j 19:31	23°♉11'04	1°51'41	
morning rise	-9631 Jul 31 j 04:16	17°♉11'44		
asc. node	-9631 Jul 31 j 20:50	16°♉44'22		
direct	-9631 Aug 03 j 22:45	15°♉49'53		
morning max el	-9631 Aug 11 j 21:39	20°♉30'49	20°26'01	
	-9631 Aug 19 j 13:14	0°♊		
morning set	-9631 Sep 08 j 12:13	29°♊53'32		
	-9631 Sep 08 j 13:52	0°♋		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9631 Sep 16 j 04:21	11°♋56'45	
max. Earth dist.	-9631 Sep 19 j 01:24	16°♋32'50	1.43495 AU
superior conj	-9631 Sep 24 j 16:05	25°♋40'49	-0°50'18
minimum elong	-9631 Sep 24 j 11:26	25°♋21'41	0°49'13
	-9631 Sep 27 j 06:35	0°♌	
evening rise	-9631 Oct 07 j 10:30	17°♌21'03	
	-9631 Oct 14 j 18:30	0°♍	
evening max el	-9631 Oct 24 j 21:07	14°♍29'43	18°10'40
asc. node	-9631 Oct 27 j 19:55	16°♍54'31	
retrograde	-9631 Oct 31 j 12:05	18°♍02'27	
evening set	-9631 Nov 03 j 04:24	17°♍26'23	
inferior conj	-9631 Nov 09 j 15:29	12°♍07'30	3°28'25
minimum elong	-9631 Nov 09 j 11:50	12°♍17'05	3°27'51
min. Earth dist.	-9631 Nov 12 j 03:45	9°♍29'50	0.62907 AU
morning rise	-9631 Nov 15 j 18:27	6°♍14'37	
direct	-9631 Nov 22 j 20:03	3°♍34'35	
morning max el	-9631 Dec 06 j 13:38	11°♍08'46	27°36'01
desc. node	-9631 Dec 13 j 05:19	18°♍32'18	
	-9631 Dec 21 j 14:18	0°♎	
	-9630 Jan 07 j 21:40	0°♏	
morning set	-9630 Jan 09 j 09:36	2°♏59'04	
max. Earth dist.	-9630 Jan 14 j 22:53	14°♏31'15	1.33269 AU
superior conj	-9630 Jan 16 j 21:39	18°♏41'52	-1°02'20
minimum elong	-9630 Jan 16 j 23:50	18°♏53'39	1°02'22
	-9630 Jan 22 j 03:28	0°♐	
evening rise	-9630 Jan 23 j 23:43	3°♐54'34	
asc. node	-9630 Jan 23 j 17:50	3°♐23'36	
	-9630 Feb 07 j 07:17	0°♑	
evening max el	-9630 Feb 16 j 22:13	11°♑44'41	23°41'54
retrograde	-9630 Mar 02 j 11:29	18°♑25'32	
evening set	-9630 Mar 06 j 09:12	17°♑51'54	
desc. node	-9630 Mar 11 j 05:54	15°♑48'19	
min. Earth dist.	-9630 Mar 13 j 10:39	14°♑32'46	0.56121 AU
inferior conj	-9630 Mar 15 j 10:07	13°♑20'53	-1°04'24
minimum elong	-9630 Mar 15 j 07:31	13°♑24'50	1°04'10
morning rise	-9630 Mar 24 j 08:34	9°♑17'32	
direct	-9630 Mar 26 j 14:21	9°♑04'42	
morning max el	-9630 Apr 05 j 20:41	13°♑54'06	20°01'14
	-9630 Apr 17 j 07:56	0°♒	
asc. node	-9630 Apr 21 j 17:07	8°♒18'21	
morning set	-9630 Apr 23 j 19:56	12°♒32'08	
superior conj	-9630 May 01 j 18:50	28°♒39'20	1°23'50
minimum elong	-9630 May 01 j 15:52	28°♒24'31	1°23'08
	-9630 May 02 j 11:02	0°♓	
max. Earth dist.	-9630 May 06 j 23:49	8°♓49'51	1.36686 AU
evening rise	-9630 May 11 j 01:55	16°♓27'01	
	-9630 May 18 j 20:22	0°♈	
desc. node	-9630 Jun 07 j 03:41	28°♈36'57	
	-9630 Jun 08 j 05:54	0°♉	
evening max el	-9630 Jun 15 j 22:36	8°♉43'12	25°47'13
retrograde	-9630 Jun 28 j 05:48	15°♉51'59	
evening set	-9630 Jul 04 j 10:20	13°♉11'02	
min. Earth dist.	-9630 Jul 08 j 15:58	8°♉27'34	0.66483 AU
inferior conj	-9630 Jul 09 j 20:13	6°♉56'39	-2°33'28
minimum elong	-9630 Jul 09 j 22:51	6°♉48'11	2°32'26
morning rise	-9630 Jul 15 j 11:27	1°♉00'40	
	-9630 Jul 17 j 20:42	30°℞♈	
direct	-9630 Jul 18 j 20:39	29°♈54'17	
asc. node	-9630 Jul 18 j 17:44	29°♈54'22	
	-9630 Jul 19 j 20:57	0°♉	
morning max el	-9630 Jul 26 j 01:24	4°♉02'22	19°24'57
	-9630 Aug 13 j 07:49	0°♊	
morning set	-9630 Aug 18 j 18:35	8°♊32'29	
	-9630 Sep 01 j 09:38	0°♋	

max. Earth dist.	-9630 Sep 01 j 15:58	0°♋25'03	1.44399 AU
desc. node	-9630 Sep 03 j 01:22	2°♋37'35	
superior conj	-9630 Sep 04 j 06:00	4°♋31'29	-0°07'16
minimum elong	-9630 Sep 04 j 05:11	4°♋28'14	0°06'35
behind sun begin	-9630 Sep 03 j 18:50	3°♋47'03	
behind sun end	-9630 Sep 04 j 15:31	5°♋09'27	
evening rise	-9630 Sep 19 j 01:29	28°♋34'23	
	-9630 Sep 19 j 22:11	0°♌	
evening max el	-9630 Oct 08 j 10:15	27°♌54'16	18°30'50
	-9630 Oct 10 j 19:29	0°♍	
asc. node	-9630 Oct 14 j 17:08	1°♍35'11	
retrograde	-9630 Oct 15 j 02:09	1°♍35'57	
evening set	-9630 Oct 17 j 23:16	0°♍50'21	
	-9630 Oct 19 j 07:09	30°℞♌	
inferior conj	-9630 Oct 24 j 01:05	25°♌14'26	2°45'25
minimum elong	-9630 Oct 23 j 21:39	25°♌24'22	2°44'45
min. Earth dist.	-9630 Oct 26 j 00:01	22°♌58'38	0.64384 AU
morning rise	-9630 Oct 29 j 19:27	19°♌09'51	
direct	-9630 Nov 05 j 14:44	16°♌23'11	
morning max el	-9630 Nov 18 j 23:01	23°♌57'14	27°13'59
	-9630 Nov 24 j 11:42	0°♍	
desc. node	-9630 Nov 30 j 02:01	7°♍09'31	
	-9630 Dec 14 j 21:14	0°♎	
morning set	-9630 Dec 24 j 03:05	16°♎58'37	
max. Earth dist.	-9630 Dec 28 j 23:22	26°♎42'17	1.34086 AU
	-9630 Dec 30 j 13:30	0°♏	
superior conj	-9629 Jan 01 j 03:47	3°♏20'59	-1°20'05
minimum elong	-9629 Jan 01 j 06:07	3°♏33'19	1°20'04
evening rise	-9629 Jan 08 j 10:26	18°♏46'02	
asc. node	-9629 Jan 10 j 15:03	23°♏16'54	
	-9629 Jan 14 j 01:04	0°♐	
evening max el	-9629 Jan 29 j 17:32	22°♐39'25	22°08'37
retrograde	-9629 Feb 11 j 06:00	28°♐38'42	
evening set	-9629 Feb 14 j 06:43	28°♐18'25	
inferior conj	-9629 Feb 23 j 10:57	24°♐11'40	0°42'02
minimum elong	-9629 Feb 23 j 12:47	24°♐09'03	0°40'52
min. Earth dist.	-9629 Feb 23 j 01:47	24°♐24'44	0.55418 AU
desc. node	-9629 Feb 26 j 02:56	22°♐42'31	
morning rise	-9629 Mar 04 j 19:34	20°♐08'04	
direct	-9629 Mar 07 j 07:10	19°♐53'59	
morning max el	-9629 Mar 19 j 05:34	25°♐35'44	21°19'00
	-9629 Mar 23 j 06:13	0°♑	
morning set	-9629 Apr 08 j 03:47	27°♑17'23	
asc. node	-9629 Apr 08 j 14:02	28°♑10'14	
	-9629 Apr 09 j 11:14	0°♒	
superior conj	-9629 Apr 15 j 15:43	12°♒54'02	1°03'53
minimum elong	-9629 Apr 15 j 13:09	12°♒40'46	1°03'02
max. Earth dist.	-9629 Apr 19 j 11:38	20°♒41'59	1.35219 AU
evening rise	-9629 Apr 24 j 01:58	29°♒40'27	
	-9629 Apr 24 j 06:05	0°♓	
	-9629 May 11 j 23:10	0°♈	
desc. node	-9629 May 25 j 01:04	17°♈27'10	
evening max el	-9629 May 29 j 09:13	22°♈05'23	26°45'19
retrograde	-9629 Jun 11 j 10:22	29°♈30'43	
evening set	-9629 Jun 18 j 02:38	26°♈42'50	
min. Earth dist.	-9629 Jun 22 j 00:38	22°♈38'09	0.65555 AU
inferior conj	-9629 Jun 23 j 18:30	20°♈32'16	-3°07'00
minimum elong	-9629 Jun 23 j 21:05	20°♈24'27	3°06'19
morning rise	-9629 Jun 29 j 15:48	14°♈49'51	
direct	-9629 Jul 02 j 17:48	13°♈56'25	
asc. node	-9629 Jul 05 j 14:37	14°♈40'47	
morning max el	-9629 Jul 09 j 10:41	17°♈39'49	18°39'22
	-9629 Jul 18 j 14:15	0°♉	
morning set	-9629 Jul 29 j 21:35	18°♉10'22	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9629 Aug 06 j 05:35	0°♊	
superior conj	-9629 Aug 14 j 05:44	12°♊44'25	0°39'45
minimum elong	-9629 Aug 14 j 10:29	13°♊03'15	0°39'42
max. Earth dist.	-9629 Aug 15 j 08:32	14°♊30'27	1.44617 AU
desc. node	-9629 Aug 20 j 22:27	23°♊19'09	
	-9629 Aug 25 j 03:57	0°♋	
evening rise	-9629 Aug 30 j 14:16	8°♋36'07	
	-9629 Sep 13 j 05:56	0°♌	
evening max el	-9629 Sep 21 j 21:08	11°♌22'28	19°08'12
retrograde	-9629 Sep 28 j 20:46	15°♌21'21	
asc. node	-9629 Oct 01 j 14:20	14°♌38'20	
evening set	-9629 Oct 02 j 01:03	14°♌23'09	
inferior conj	-9629 Oct 07 j 19:16	8°♌33'18	1°56'23
minimum elong	-9629 Oct 07 j 16:40	8°♌41'25	1°55'55
min. Earth dist.	-9629 Oct 09 j 05:21	6°♌46'43	0.65553 AU
morning rise	-9629 Oct 13 j 07:53	2°♌20'25	
	-9629 Oct 17 j 07:49	30°℞♋	
direct	-9629 Oct 19 j 15:44	29°♋39'05	
	-9629 Oct 22 j 02:25	0°♌	
morning max el	-9629 Nov 01 j 08:57	7°♌02'51	26°23'34
desc. node	-9629 Nov 16 j 22:42	26°♌28'38	
	-9629 Nov 19 j 08:13	0°♍	
morning set	-9629 Dec 07 j 08:13	0°♎16'02	
	-9629 Dec 07 j 04:48	0°♎	
max. Earth dist.	-9629 Dec 11 j 12:57	8°♎19'47	1.35342 AU
superior conj	-9629 Dec 16 j 03:55	17°♎37'23	-1°33'49
minimum elong	-9629 Dec 16 j 05:51	17°♎47'21	1°33'47
	-9629 Dec 22 j 03:10	0°♏	
evening rise	-9629 Dec 23 j 18:47	3°♏24'49	
asc. node	-9629 Dec 28 j 12:18	12°♏51'23	
	-9628 Jan 08 j 04:52	0°♐	
evening max el	-9628 Jan 11 j 20:16	3°♐57'19	20°43'52
retrograde	-9628 Jan 22 j 20:07	9°♐07'18	
evening set	-9628 Jan 25 j 11:11	8°♐50'48	
inferior conj	-9628 Feb 03 j 08:13	4°♐52'35	2°25'12
minimum elong	-9628 Feb 03 j 13:36	4°♐44'43	2°23'13
min. Earth dist.	-9628 Feb 04 j 15:55	4°♐06'23	0.55607 AU
morning rise	-9628 Feb 12 j 14:38	0°♐33'08	
desc. node	-9628 Feb 12 j 23:53	0°♐27'55	
direct	-9628 Feb 15 j 22:15	0°♐08'57	
morning max el	-9628 Feb 29 j 03:41	6°♐38'20	22°51'10
	-9628 Mar 16 j 10:56	0°♑	
morning set	-9628 Mar 22 j 14:51	12°♑15'33	
asc. node	-9628 Mar 25 j 10:59	18°♑14'53	
superior conj	-9628 Mar 29 j 19:32	27°♑31'56	0°41'30
minimum elong	-9628 Mar 29 j 17:47	27°♑22'39	0°40'39
	-9628 Mar 30 j 23:33	0°♒	
max. Earth dist.	-9628 Apr 01 j 09:51	2°♒59'43	1.34101 AU
evening rise	-9628 Apr 06 j 15:16	13°♒36'02	
	-9628 Apr 15 j 11:39	0°♓	
	-9628 May 05 j 22:24	0°♈	
desc. node	-9628 May 10 j 22:27	5°♈21'57	
evening max el	-9628 May 10 j 20:12	5°♈16'30	27°19'46
retrograde	-9628 May 24 j 09:23	12°♈47'40	
evening set	-9628 May 31 j 08:43	10°♈04'24	
min. Earth dist.	-9628 Jun 04 j 01:21	6°♈35'09	0.64230 AU
inferior conj	-9628 Jun 06 j 09:41	4°♈00'29	-3°30'59
minimum elong	-9628 Jun 06 j 11:36	3°♈55'14	3°30'47
	-9628 Jun 10 j 10:46	30°℞♓	
morning rise	-9628 Jun 12 j 15:05	28°♓34'19	
direct	-9628 Jun 15 j 11:40	27°♓51'38	
	-9628 Jun 20 j 12:39	0°♈	
asc. node	-9628 Jun 21 j 11:28	0°♈50'08	
morning max el	-9628 Jun 21 j 23:33	1°♈19'28	18°10'59
morning set	-9628 Jul 10 j 02:31	29°♈01'24	
	-9628 Jul 10 j 16:21	0°♉	
superior conj	-9628 Jul 23 j 13:43	21°♉23'32	1°18'31
minimum elong	-9628 Jul 23 j 20:11	21°♉49'42	1°18'19
max. Earth dist.	-9628 Jul 28 j 00:42	28°♉33'23	1.44128 AU
	-9628 Jul 28 j 22:26	0°♊	
desc. node	-9628 Aug 06 j 19:39	13°♊58'34	
evening rise	-9628 Aug 09 j 02:12	17°♊30'42	
	-9628 Aug 17 j 04:41	0°♋	
greatest brilliancy	-9628 Aug 22 j 00:19	7°♋17'27	-0.7m
evening max el	-9628 Sep 04 j 03:20	24°♋50'44	20°01'16
retrograde	-9628 Sep 11 j 17:21	29°♋15'18	
evening set	-9628 Sep 15 j 07:08	28°♋01'14	
asc. node	-9628 Sep 17 j 11:28	26°♋05'41	
inferior conj	-9628 Sep 20 j 19:27	22°♋00'28	1°04'32
minimum elong	-9628 Sep 20 j 17:59	22°♋05'20	1°04'30
min. Earth dist.	-9628 Sep 21 j 17:45	20°♋46'46	0.66412 AU
morning rise	-9628 Sep 26 j 04:35	15°♋42'41	
direct	-9628 Oct 01 j 22:20	13°♋15'02	
morning max el	-9628 Oct 13 j 18:24	20°♋15'54	25°12'50
	-9628 Oct 22 j 04:10	0°♌	
desc. node	-9628 Nov 02 j 19:25	16°♌17'29	
	-9628 Nov 11 j 11:56	0°♍	
morning set	-9628 Nov 18 j 20:09	12°♍37'17	
max. Earth dist.	-9628 Nov 22 j 16:16	19°♍37'33	1.37015 AU
	-9628 Nov 28 j 02:25	0°♎	
superior conj	-9628 Nov 28 j 19:06	1°♎22'05	-1°41'56
minimum elong	-9628 Nov 28 j 19:57	1°♎26'17	1°41'51
evening rise	-9628 Dec 06 j 22:50	17°♎45'07	
	-9628 Dec 13 j 06:46	0°♏	
asc. node	-9628 Dec 14 j 09:35	1°♏59'55	
evening max el	-9628 Dec 24 j 08:55	15°♏48'08	19°35'04
retrograde	-9627 Jan 02 j 18:38	20°♏14'34	
evening set	-9627 Jan 05 j 07:10	19°♏56'53	
inferior conj	-9627 Jan 13 j 15:12	15°♏50'09	3°38'17
minimum elong	-9627 Jan 13 j 20:02	15°♏42'19	3°37'03
min. Earth dist.	-9627 Jan 16 j 05:31	14°♏09'52	0.56621 AU
morning rise	-9627 Jan 22 j 06:44	11°♏06'04	
direct	-9627 Jan 26 j 21:18	10°♏18'10	
desc. node	-9627 Jan 29 j 20:46	10°♏38'37	
morning max el	-9627 Feb 09 j 19:09	17°♏18'53	24°28'31
	-9627 Feb 20 j 02:36	0°♐	
morning set	-9627 Mar 07 j 03:18	27°♐20'10	
	-9627 Mar 08 j 09:35	0°♑	
asc. node	-9627 Mar 12 j 08:00	8°♑27'40	
superior conj	-9627 Mar 14 j 03:55	12°♑25'09	0°17'56
minimum elong	-9627 Mar 14 j 03:10	12°♑21'06	0°17'12
max. Earth dist.	-9627 Mar 15 j 16:43	15°♑43'15	1.33328 AU
evening rise	-9627 Mar 21 j 13:52	28°♑01'02	
	-9627 Mar 22 j 13:32	0°♒	
	-9627 Apr 08 j 18:05	0°♓	
evening max el	-9627 Apr 23 j 05:16	18°♓03'28	27°24'24
desc. node	-9627 Apr 27 j 19:50	21°♓58'02	
retrograde	-9627 May 07 j 02:02	25°♓34'06	
evening set	-9627 May 14 j 01:09	23°♓08'43	
min. Earth dist.	-9627 May 17 j 16:46	20°♓06'31	0.62541 AU
inferior conj	-9627 May 20 j 14:51	17°♓14'48	-3°41'49
minimum elong	-9627 May 20 j 15:18	17°♓13'42	3°42'01
morning rise	-9627 May 27 j 06:40	12°♓07'26	
direct	-9627 May 29 j 23:08	11°♓33'48	
morning max el	-9627 Jun 05 j 13:37	14°♓56'04	18°00'45
asc. node	-9627 Jun 08 j 08:18	18°♓06'11	
	-9627 Jun 16 j 00:58	0°♈	
morning set	-9627 Jun 22 j 06:36	10°♈58'18	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9627 Jul 03 j 04:23	0°♉		
superior conj	-9627 Jul 03 j 21:59	1°♉14'31	1°41'52	
minimum elong	-9627 Jul 04 j 01:49	1°♉30'45	1°41'54	
max. Earth dist.	-9627 Jul 10 j 13:15	12°♉14'51	1.42998 AU	
evening rise	-9627 Jul 19 j 03:06	25°♉55'08		
	-9627 Jul 21 j 18:07	0°♊		
desc. node	-9627 Jul 24 j 16:57	4°♊32'03		
	-9627 Aug 11 j 05:30	0°♋		
evening max el	-9627 Aug 18 j 03:04	8°♋15'45	21°07'58	
retrograde	-9627 Aug 26 j 13:51	13°♋14'35		
evening set	-9627 Aug 30 j 15:16	11°♋41'39		
asc. node	-9627 Sep 04 j 08:34	6°♋23'46		
inferior conj	-9627 Sep 04 j 23:30	5°♋32'56	0°12'11	
minimum elong	-9627 Sep 04 j 23:13	5°♋33'54	0°12'39	
transit middle	-9627 Sep 04 j 23:13	5°♋33'54	0°12'39	
transit begin	-9627 Sep 04 j 21:29	5°♋39'49		
transit end	-9627 Sep 05 j 00:57	5°♋28'00		
min. Earth dist.	-9627 Sep 05 j 10:59	4°♋53'42	0.66969 AU	
	-9627 Sep 09 j 10:59	30°℞♊		
morning rise	-9627 Sep 10 j 07:01	29°♊13'41		
direct	-9627 Sep 15 j 09:58	27°♊04'08		
	-9627 Sep 22 j 06:27	0°♋		
morning max el	-9627 Sep 26 j 04:07	3°♋30'47	23°50'48	
	-9627 Oct 16 j 10:13	0°♌		
desc. node	-9627 Oct 20 j 16:11	6°♌26'55		
morning set	-9627 Oct 31 j 09:15	23°♌47'33		
	-9627 Nov 03 j 23:35	0°♍		
max. Earth dist.	-9627 Nov 04 j 14:27	1°♍05'22	1.38966 AU	
superior conj	-9627 Nov 11 j 21:24	14°♍23'15	-1°42'21	
minimum elong	-9627 Nov 11 j 20:23	14°♍18'29	1°42'05	
	-9627 Nov 19 j 23:41	0°♎		
evening rise	-9627 Nov 20 j 20:15	1°♎40'14		
asc. node	-9627 Dec 01 j 06:54	20°♎33'18		
evening max el	-9627 Dec 07 j 07:14	28°♎11'03	18°45'44	
	-9627 Dec 09 j 11:14	0°♏		
retrograde	-9627 Dec 15 j 10:05	2°♏06'42		
evening set	-9627 Dec 17 j 22:08	1°♏45'45		
	-9627 Dec 21 j 20:01	30°℞♎		
inferior conj	-9627 Dec 25 j 16:08	27°♎20'49	4°11'50	
minimum elong	-9627 Dec 25 j 17:38	27°♎18'02	4°11'32	
min. Earth dist.	-9627 Dec 28 j 20:52	24°♎58'47	0.58211 AU	
morning rise	-9626 Jan 02 j 11:07	22°♎12'12		
direct	-9626 Jan 08 j 07:57	20°♎48'21		
desc. node	-9626 Jan 16 j 17:34	23°♎32'16		
morning max el	-9626 Jan 22 j 10:46	28°♎06'01	25°56'52	
	-9626 Jan 24 j 07:59	0°♏		
	-9626 Feb 13 j 10:27	0°♐		
morning set	-9626 Feb 19 j 15:22	12°♐24'39		
superior conj	-9626 Feb 26 j 14:53	27°♐27'04	-0°05'51	
minimum elong	-9626 Feb 26 j 15:10	27°♐28'33	0°06'23	
behind sun begin	-9626 Feb 26 j 10:33	27°♐03'23		
behind sun end	-9626 Feb 26 j 19:46	27°♐53'42		
max. Earth dist.	-9626 Feb 27 j 04:48	28°♐42'54	1.32877 AU	
asc. node	-9626 Feb 27 j 05:05	28°♐44'27		
	-9626 Feb 27 j 18:58	0°♑		
evening rise	-9626 Mar 05 j 18:46	12°♑45'25		
	-9626 Mar 14 j 17:31	0°♒		
	-9626 Apr 05 j 03:24	0°♓		
evening max el	-9626 Apr 05 j 09:59	0°♓15'57	26°56'22	
desc. node	-9626 Apr 14 j 17:07	6°♓44'57		
retrograde	-9626 Apr 19 j 11:29	7°♓42'37		
evening set	-9626 Apr 26 j 00:32	5°♓47'11		
min. Earth dist.	-9626 Apr 29 j 23:04	2°♓58'33	0.60593 AU	
inferior conj	-9626 May 03 j 06:34	0°♓07'57	-3°34'15	
minimum elong	-9626 May 03 j 04:53	0°♓11'35	3°34'27	
	-9626 May 03 j 10:15	30°℞♒		
morning rise	-9626 May 10 j 11:25	25°♒20'59		
direct	-9626 May 13 j 00:16	24°♒55'15		
morning max el	-9626 May 20 j 02:18	28°♒23'44	18°09'15	
	-9626 May 21 j 14:57	0°♓		
asc. node	-9626 May 26 j 05:08	6°♓14'44		
morning set	-9626 Jun 05 j 05:01	23°♓49'56		
	-9626 Jun 08 j 12:49	0°♈		
superior conj	-9626 Jun 15 j 09:21	12°♈27'03	1°49'52	
minimum elong	-9626 Jun 15 j 09:45	12°♈28'47	1°49'55	
max. Earth dist.	-9626 Jun 22 j 19:51	25°♈18'25	1.41387 AU	
	-9626 Jun 25 j 15:31	0°♉		
evening rise	-9626 Jun 28 j 15:12	4°♉52'08		
desc. node	-9626 Jul 11 j 14:19	24°♉55'43		
	-9626 Jul 15 j 01:23	0°♊		
evening max el	-9626 Jul 31 j 20:03	21°♊37'42	22°24'54	
retrograde	-9626 Aug 10 j 08:40	27°♊16'53		
evening set	-9626 Aug 14 j 23:32	25°♊23'15		
inferior conj	-9626 Aug 20 j 05:32	19°♊09'31	-0°38'50	
minimum elong	-9626 Aug 20 j 06:22	19°♊06'39	0°37'57	
min. Earth dist.	-9626 Aug 20 j 06:39	19°♊05'40	0.67234 AU	
asc. node	-9626 Aug 22 j 05:36	16°♊26'58		
morning rise	-9626 Aug 25 j 13:06	12°♊52'16		
direct	-9626 Aug 30 j 02:04	11°♊02'02		
morning max el	-9626 Sep 08 j 16:25	16°♊47'41	22°26'18	
	-9626 Sep 19 j 09:46	0°♋		
desc. node	-9626 Oct 07 j 13:02	26°♋51'03		
	-9626 Oct 09 j 12:48	0°♌		
morning set	-9626 Oct 11 j 19:29	3°♌39'20		
max. Earth dist.	-9626 Oct 17 j 14:10	13°♌11'29	1.40954 AU	
superior conj	-9626 Oct 25 j 05:45	26°♌27'55	-1°32'28	
minimum elong	-9626 Oct 25 j 02:24	26°♌12'58	1°31'52	
	-9626 Oct 27 j 04:54	0°♍		
evening rise	-9626 Nov 04 j 08:05	15°♍03'26		
	-9626 Nov 12 j 13:53	0°♎		
asc. node	-9626 Nov 18 j 04:12	8°♎20'42		
evening max el	-9626 Nov 20 j 13:24	11°♎00'55	18°16'40	
retrograde	-9626 Nov 27 j 19:04	14°♎38'43		
evening set	-9626 Nov 30 j 07:39	14°♎13'12		
inferior conj	-9626 Dec 07 j 12:34	9°♎27'01	4°11'49	
minimum elong	-9626 Dec 07 j 10:56	9°♎30'34	4°11'41	
min. Earth dist.	-9626 Dec 10 j 17:19	6°♎42'45	0.60075 AU	
morning rise	-9626 Dec 14 j 12:38	3°♎58'18		
direct	-9626 Dec 21 j 06:04	1°♎56'27		
desc. node	-9625 Jan 03 j 14:19	8°♎42'48		
morning max el	-9625 Jan 04 j 07:33	9°♎23'31	27°01'37	
	-9625 Jan 20 j 04:52	0°♏		
morning set	-9625 Feb 04 j 01:10	27°♏21'29		
	-9625 Feb 05 j 07:28	0°♐		
superior conj	-9625 Feb 11 j 02:42	12°♐30'45	-0°29'00	
minimum elong	-9625 Feb 11 j 03:54	12°♐37'18	0°29'18	
max. Earth dist.	-9625 Feb 10 j 18:21	11°♐45'09	1.32751 AU	
asc. node	-9625 Feb 14 j 02:13	19°♐00'34		
evening rise	-9625 Feb 18 j 03:37	27°♐40'28		
	-9625 Feb 19 j 06:31	0°♑		
	-9625 Mar 08 j 10:46	0°♒		
evening max el	-9625 Mar 18 j 08:58	11°♒49'33	25°57'29	
retrograde	-9625 Apr 01 j 12:00	19°♒07'05		
desc. node	-9625 Apr 01 j 14:20	19°♒07'03		
evening set	-9625 Apr 07 j 04:23	17°♒48'02		
min. Earth dist.	-9625 Apr 11 j 22:08	14°♒57'18	0.58599 AU	
inferior conj	-9625 Apr 15 j 05:09	12°♒30'20	-3°01'15	
minimum elong	-9625 Apr 15 j 01:26	12°♒37'18	3°01'02	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning rise	-9625 Apr 23 j 01:34	8°♒03'33	
direct	-9625 Apr 25 j 10:45	7°♒44'30	
morning max el	-9625 May 03 j 10:40	11°♒33'03	18°37'05
asc. node	-9625 May 13 j 01:59	25°♒03'11	
	-9625 May 15 j 19:33	0°♓	
morning set	-9625 May 19 j 17:08	7°♓24'42	
superior conj	-9625 May 28 j 19:21	24°♓48'32	1°45'54
minimum elong	-9625 May 28 j 17:26	24°♓39'35	1°45'41
	-9625 May 31 j 14:50	0°♈	
max. Earth dist.	-9625 Jun 04 j 21:01	7°♈37'30	1.39528 AU
evening rise	-9625 Jun 09 j 04:48	15°♈04'23	
	-9625 Jun 18 j 09:31	0°♉	
desc. node	-9625 Jun 28 j 11:42	15°♉03'47	
	-9625 Jul 09 j 19:29	0°♊	
evening max el	-9625 Jul 14 j 07:59	4°♊58'36	23°46'47
retrograde	-9625 Jul 25 j 00:30	11°♊18'24	
evening set	-9625 Jul 30 j 06:00	9°♊04'03	
inferior conj	-9625 Aug 04 j 11:46	2°♊48'08	-1°27'00
minimum elong	-9625 Aug 04 j 13:32	2°♊42'05	1°25'52
min. Earth dist.	-9625 Aug 04 j 02:19	3°♊20'29	0.67200 AU
	-9625 Aug 06 j 14:20	30°℞♉	
asc. node	-9625 Aug 09 j 02:34	27°♉14'51	
morning rise	-9625 Aug 09 j 20:59	26°♉36'24	
direct	-9625 Aug 13 j 21:38	25°♉04'38	
	-9625 Aug 22 j 06:29	0°♊	
morning max el	-9625 Aug 22 j 09:45	0°♊08'21	21°06'55
	-9625 Sep 13 j 04:23	0°♋	
morning set	-9625 Sep 21 j 05:48	12°♋24'51	
desc. node	-9625 Sep 24 j 09:58	17°♋24'55	
max. Earth dist.	-9625 Sep 29 j 19:36	26°♋05'52	1.42697 AU
	-9625 Oct 02 j 04:42	0°♌	
superior conj	-9625 Oct 06 j 14:22	7°♌21'41	-1°09'44
minimum elong	-9625 Oct 06 j 09:25	7°♌00'45	1°08'44
evening rise	-9625 Oct 18 j 06:30	27°♌45'56	
	-9625 Oct 19 j 12:30	0°♍	
evening max el	-9625 Nov 04 j 00:40	24°♍10'36	18°07'27
asc. node	-9625 Nov 05 j 01:27	25°♍08'41	
retrograde	-9625 Nov 10 j 18:33	27°♍42'04	
evening set	-9625 Nov 13 j 09:01	27°♍10'25	
inferior conj	-9625 Nov 20 j 02:12	22°♍03'08	3°48'42
minimum elong	-9625 Nov 19 j 22:53	22°♍11'17	3°48'17
min. Earth dist.	-9625 Nov 22 j 21:51	19°♍17'55	0.61929 AU
morning rise	-9625 Nov 26 j 11:40	16°♍18'25	
direct	-9625 Dec 03 j 13:34	13°♍47'57	
morning max el	-9625 Dec 17 j 10:32	21°♍20'29	27°33'34
desc. node	-9625 Dec 21 j 11:02	25°♍35'52	
	-9625 Dec 25 j 02:15	0°♎	
	-9624 Jan 13 j 02:43	0°♏	
morning set	-9624 Jan 19 j 06:43	12°♏03'27	
max. Earth dist.	-9624 Jan 25 j 05:44	24°♏37'04	1.32972 AU
superior conj	-9624 Jan 26 j 13:45	27°♏30'27	-0°50'46
minimum elong	-9624 Jan 26 j 15:40	27°♏40'50	0°50'53
	-9624 Jan 27 j 17:17	0°♐	
asc. node	-9624 Jan 31 j 23:23	9°♐11'54	
evening rise	-9624 Feb 02 j 14:34	12°♐39'32	
	-9624 Feb 11 j 12:06	0°♑	
evening max el	-9624 Feb 28 j 03:19	22°♑52'21	24°35'13
retrograde	-9624 Mar 13 j 00:57	29°♑50'12	
evening set	-9624 Mar 17 j 13:58	29°♑03'32	
desc. node	-9624 Mar 18 j 11:25	28°♑43'56	
min. Earth dist.	-9624 Mar 23 j 16:32	25°♑57'53	0.56869 AU
inferior conj	-9624 Mar 26 j 08:03	24°♑15'02	-1°56'25
minimum elong	-9624 Mar 26 j 04:06	24°♑21'29	1°55'53
morning rise	-9624 Apr 03 j 21:21	20°♑04'55	

direct	-9624 Apr 06 j 03:31	19°♑50'37	
morning max el	-9624 Apr 15 j 11:42	24°♑14'14	19°24'47
	-9624 Apr 20 j 09:49	0°♒	
asc. node	-9624 Apr 28 j 22:52	14°♒22'07	
morning set	-9624 May 02 j 15:12	21°♒33'22	
	-9624 May 06 j 20:36	0°♓	
superior conj	-9624 May 10 j 22:27	8°♓04'00	1°33'34
minimum elong	-9624 May 10 j 19:34	7°♓49'57	1°33'01
max. Earth dist.	-9624 May 16 j 21:51	19°♓26'20	1.37675 AU
evening rise	-9624 May 20 j 21:10	26°♓38'02	
	-9624 May 22 j 19:10	0°♈	
	-9624 Jun 10 j 20:56	0°♉	
desc. node	-9624 Jun 14 j 09:04	4°♉49'31	
evening max el	-9624 Jun 25 j 17:57	18°♉21'59	25°06'07
retrograde	-9624 Jul 07 j 12:18	25°♉15'25	
evening set	-9624 Jul 13 j 08:43	22°♉42'52	
min. Earth dist.	-9624 Jul 17 j 19:29	17°♉36'43	0.66849 AU
inferior conj	-9624 Jul 18 j 16:25	16°♉27'23	-2°10'49
minimum elong	-9624 Jul 18 j 18:51	16°♉19'21	2°09'40
morning rise	-9624 Jul 24 j 04:57	10°♉24'35	
asc. node	-9624 Jul 25 j 23:30	9°♉28'35	
direct	-9624 Jul 27 j 19:16	9°♉09'28	
morning max el	-9624 Aug 04 j 09:37	13°♉35'28	19°58'08
	-9624 Aug 16 j 17:20	0°♊	
morning set	-9624 Aug 30 j 07:28	20°♊49'07	
	-9624 Sep 05 j 04:26	0°♋	
desc. node	-9624 Sep 10 j 06:57	8°♋04'13	
max. Earth dist.	-9624 Sep 11 j 07:36	9°♋42'28	1.43963 AU
superior conj	-9624 Sep 15 j 19:13	16°♋54'55	-0°33'13
minimum elong	-9624 Sep 15 j 15:41	16°♋40'39	0°32'12
	-9624 Sep 23 j 18:05	0°♌	
evening rise	-9624 Sep 29 j 10:31	9°♌35'29	
	-9624 Oct 11 j 18:25	0°♍	
evening max el	-9624 Oct 17 j 14:01	7°♍31'46	18°17'07
asc. node	-9624 Oct 21 j 22:42	10°♍40'39	
retrograde	-9624 Oct 24 j 04:20	11°♍06'53	
evening set	-9624 Oct 26 j 22:32	10°♍26'58	
inferior conj	-9624 Nov 02 j 05:29	5°♍00'36	3°11'09
minimum elong	-9624 Nov 02 j 01:49	5°♍10'38	3°10'30
min. Earth dist.	-9624 Nov 04 j 12:08	2°♍31'07	0.63577 AU
	-9624 Nov 07 j 01:09	30°℞♌	
morning rise	-9624 Nov 08 j 04:25	29°♌02'41	
direct	-9624 Nov 15 j 04:20	26°♌18'06	
	-9624 Nov 24 j 06:44	0°♍	
morning max el	-9624 Nov 28 j 18:09	3°♍52'27	27°30'29
desc. node	-9624 Dec 07 j 07:44	13°♍41'22	
	-9624 Dec 18 j 13:17	0°♎	
morning set	-9623 Jan 02 j 05:26	26°♎20'49	
	-9623 Jan 04 j 01:01	0°♏	
max. Earth dist.	-9623 Jan 07 j 11:15	7°♏05'47	1.33568 AU
superior conj	-9623 Jan 09 j 22:13	12°♏18'41	-1°10'17
minimum elong	-9623 Jan 10 j 00:32	12°♏31'02	1°10'17
evening rise	-9623 Jan 17 j 01:50	27°♏35'18	
asc. node	-9623 Jan 17 j 20:35	29°♏13'05	
	-9623 Jan 18 j 05:38	0°♐	
	-9623 Feb 05 j 08:17	0°♑	
evening max el	-9623 Feb 08 j 20:42	3°♑42'23	23°01'51
retrograde	-9623 Feb 22 j 00:50	10°♑06'23	
evening set	-9623 Feb 25 j 12:28	9°♑39'53	
desc. node	-9623 Mar 05 j 08:28	6°♑07'37	
min. Earth dist.	-9623 Mar 05 j 08:07	6°♑08'08	0.55722 AU
inferior conj	-9623 Mar 06 j 16:18	5°♑21'07	-0°20'49
minimum elong	-9623 Mar 06 j 15:23	5°♑22'28	0°21'05
morning rise	-9623 Mar 15 j 20:12	1°♑19'26	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9623 Mar 18 j 03:22	1°♉06'39	
morning max el	-9623 Mar 29 j 02:45	6°♉17'50	20°32'12
	-9623 Apr 13 j 18:47	0°♒	
asc. node	-9623 Apr 15 j 19:46	4°♒03'32	
morning set	-9623 Apr 16 j 20:11	6°♒07'13	
superior conj	-9623 Apr 24 j 13:53	21°♒59'51	1°15'46
minimum elong	-9623 Apr 24 j 11:01	21°♒45'19	1°14'59
	-9623 Apr 28 j 14:05	0°♓	
max. Earth dist.	-9623 Apr 29 j 04:40	1°♓11'14	1.36023 AU
evening rise	-9623 May 03 j 11:15	9°♓19'14	
	-9623 May 15 j 10:16	0°♈	
desc. node	-9623 Jun 01 j 06:26	24°♈03'34	
	-9623 Jun 06 j 10:30	0°♉	
evening max el	-9623 Jun 08 j 04:13	1°♉46'41	26°14'25
retrograde	-9623 Jun 20 j 19:31	9°♉03'02	
evening set	-9623 Jun 27 j 05:32	6°♉18'04	
min. Earth dist.	-9623 Jul 01 j 07:49	1°♉51'16	0.66139 AU
inferior conj	-9623 Jul 02 j 17:38	0°♉05'18	-2°48'40
minimum elong	-9623 Jul 02 j 20:19	29°♈56'53	2°47'46
	-9623 Jul 02 j 19:20	30°℞♈	
morning rise	-9623 Jul 08 j 11:12	24°♈14'44	
direct	-9623 Jul 11 j 17:14	23°♈13'58	
asc. node	-9623 Jul 12 j 20:24	23°♈21'07	
morning max el	-9623 Jul 18 j 15:56	27°♈10'05	19°03'35
	-9623 Jul 21 j 03:48	0°♉	
morning set	-9623 Aug 09 j 21:25	29°♉50'42	
	-9623 Aug 09 j 23:46	0°♊	
max. Earth dist.	-9623 Aug 25 j 00:07	23°♊45'32	1.44586 AU
superior conj	-9623 Aug 26 j 00:47	25°♊23'07	0°12'56
minimum elong	-9623 Aug 26 j 02:28	25°♊29'47	0°13'17
behind sun begin	-9623 Aug 25 j 19:44	25°♊03'08	
behind sun end	-9623 Aug 26 j 09:12	25°♊56'26	
desc. node	-9623 Aug 28 j 04:01	28°♊46'03	
	-9623 Aug 28 j 22:39	0°♋	
evening rise	-9623 Sep 10 j 14:51	20°♋20'11	
	-9623 Sep 16 j 13:46	0°♌	
evening max el	-9623 Oct 01 j 02:35	20°♌58'50	18°44'38
retrograde	-9623 Oct 07 j 20:47	24°♌46'35	
asc. node	-9623 Oct 08 j 19:56	24°♌41'20	
evening set	-9623 Oct 10 j 20:45	23°♌55'51	
inferior conj	-9623 Oct 16 j 19:06	18°♌13'22	2°25'07
minimum elong	-9623 Oct 16 j 15:59	18°♌22'45	2°24'31
min. Earth dist.	-9623 Oct 18 j 12:20	16°♌09'44	0.64926 AU
morning rise	-9623 Oct 22 j 10:45	12°♌05'00	
direct	-9623 Oct 29 j 01:37	9°♌19'42	
morning max el	-9623 Nov 11 j 04:06	16°♌49'56	26°55'33
	-9623 Nov 22 j 06:28	0°♍	
desc. node	-9623 Nov 24 j 04:27	2°♍38'13	
	-9623 Dec 11 j 08:04	0°♎	
morning set	-9623 Dec 16 j 18:09	10°♎03'32	
max. Earth dist.	-9623 Dec 21 j 07:32	19°♎03'03	1.34578 AU
superior conj	-9623 Dec 25 j 02:05	26°♎48'42	-1°26'30
minimum elong	-9623 Dec 25 j 04:20	27°♎00'27	1°26'28
	-9623 Dec 26 j 14:36	0°♏	
evening rise	-9622 Jan 01 j 11:46	12°♏21'59	
asc. node	-9622 Jan 04 j 17:49	18°♏59'03	
	-9622 Jan 10 j 16:41	0°♐	
evening max el	-9622 Jan 21 j 18:30	14°♐43'50	21°30'48
retrograde	-9622 Feb 02 j 16:02	20°♐22'22	
evening set	-9622 Feb 05 j 11:36	20°♐04'24	
inferior conj	-9622 Feb 14 j 13:48	16°♐03'16	1°28'07
minimum elong	-9622 Feb 14 j 17:31	15°♐57'57	1°26'25
min. Earth dist.	-9622 Feb 14 j 22:21	15°♐51'05	0.55393 AU
desc. node	-9622 Feb 20 j 05:28	13°♐06'48	
morning rise	-9622 Feb 23 j 23:18	11°♐55'08	
direct	-9622 Feb 26 j 17:40	11°♐38'10	
morning max el	-9622 Mar 11 j 06:43	17°♐40'53	21°57'01
	-9622 Mar 20 j 23:12	0°♑	
morning set	-9622 Apr 01 j 05:36	20°♑58'24	
asc. node	-9622 Apr 02 j 16:40	24°♑01'05	
	-9622 Apr 05 j 12:50	0°♒	
superior conj	-9622 Apr 08 j 14:00	6°♒24'55	0°54'36
minimum elong	-9622 Apr 08 j 11:45	6°♒13'08	0°53'43
max. Earth dist.	-9622 Apr 11 j 21:02	13°♒13'21	1.34694 AU
evening rise	-9622 Apr 16 j 17:24	22°♒51'24	
	-9622 Apr 20 j 12:21	0°♓	
	-9622 May 09 j 02:13	0°♈	
desc. node	-9622 May 19 j 03:50	12°♈32'17	
evening max el	-9622 May 21 j 15:01	15°♈04'41	27°03'19
retrograde	-9622 Jun 03 j 21:39	22°♈33'30	
evening set	-9622 Jun 10 j 17:51	19°♈45'43	
min. Earth dist.	-9622 Jun 14 j 13:07	15°♈57'10	0.65037 AU
inferior conj	-9622 Jun 16 j 13:11	13°♈37'52	-3°18'32
minimum elong	-9622 Jun 16 j 15:35	13°♈30'54	3°18'03
morning rise	-9622 Jun 22 j 13:41	8°♈02'20	
direct	-9622 Jun 25 j 13:14	7°♈13'43	
asc. node	-9622 Jun 29 j 17:16	8°♈44'30	
morning max el	-9622 Jul 02 j 03:04	10°♈49'04	18°25'16
	-9622 Jul 15 j 10:14	0°♉	
morning set	-9622 Jul 21 j 11:26	9°♉59'39	
	-9622 Aug 02 j 18:22	0°♊	
superior conj	-9622 Aug 05 j 01:15	3°♊39'12	0°57'49
minimum elong	-9622 Aug 05 j 07:25	4°♊03'43	0°57'37
max. Earth dist.	-9622 Aug 07 j 17:14	7°♊53'20	1.44493 AU
desc. node	-9622 Aug 15 j 01:10	19°♊27'02	
evening rise	-9622 Aug 21 j 16:23	29°♊51'41	
	-9622 Aug 21 j 18:30	0°♋	
greatest brilliancy	-9622 Sep 01 j 00:43	15°♋58'52	-0.7m
	-9622 Sep 10 j 16:48	0°♌	
evening max el	-9622 Sep 14 j 11:40	4°♌27'00	19°28'50
retrograde	-9622 Sep 21 j 16:41	8°♌36'05	
evening set	-9622 Sep 25 j 00:41	7°♌31'30	
asc. node	-9622 Sep 25 j 17:07	7°♌02'28	
inferior conj	-9622 Sep 30 j 16:10	1°♌36'20	1°34'34
minimum elong	-9622 Sep 30 j 14:02	1°♌43'11	1°34'17
	-9622 Oct 01 j 22:10	30°℞♋	
min. Earth dist.	-9622 Oct 01 j 21:02	0°♌03'36	0.65957 AU
morning rise	-9622 Oct 06 j 03:03	25°♋20'44	
direct	-9622 Oct 12 j 04:55	22°♋44'41	
morning max el	-9622 Oct 24 j 14:09	0°♌00'34	25°55'25
	-9622 Oct 24 j 13:55	0°♌	
desc. node	-9622 Nov 11 j 01:11	22°♌11'08	
	-9622 Nov 16 j 04:24	0°♍	
morning set	-9622 Nov 29 j 16:40	22°♍59'05	
	-9622 Dec 03 j 10:20	0°♎	
max. Earth dist.	-9622 Dec 03 j 16:40	0°♎30'25	1.36010 AU
superior conj	-9622 Dec 08 j 22:50	10°♎52'38	-1°38'04
minimum elong	-9622 Dec 09 j 00:24	11°♎00'35	1°38'01
evening rise	-9622 Dec 16 j 18:34	26°♎53'44	
	-9622 Dec 18 j 07:21	0°♏	
asc. node	-9622 Dec 22 j 15:06	8°♏23'39	
evening max el	-9621 Jan 04 j 01:14	26°♏15'03	20°12'18
	-9621 Jan 09 j 10:24	0°♐	
retrograde	-9621 Jan 14 j 08:48	1°♐05'50	
evening set	-9621 Jan 16 j 22:01	0°♐49'21	
	-9621 Jan 19 j 13:58	30°℞♏	
inferior conj	-9621 Jan 25 j 13:51	26°♏48'56	3°00'59
minimum elong	-9621 Jan 25 j 19:31	26°♏40'20	2°59'11

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9621 Jan 27 j 12:17	25°♏38'45	0.55943 AU
morning rise	-9621 Feb 03 j 15:09	22°♏19'17	
direct	-9621 Feb 07 j 10:50	21°♏47'03	
desc. node	-9621 Feb 07 j 02:24	21°♏47'20	
morning max el	-9621 Feb 21 j 01:32	28°♏32'17	23°32'50
	-9621 Feb 22 j 12:41	0°♐	
	-9621 Mar 13 j 19:14	0°♑	
morning set	-9621 Mar 16 j 17:30	6°♑00'30	
asc. node	-9621 Mar 20 j 13:40	14°♑10'03	
superior conj	-9621 Mar 23 j 20:04	21°♑10'49	0°31'36
minimum elong	-9621 Mar 23 j 18:44	21°♑03'39	0°30'46
max. Earth dist.	-9621 Mar 25 j 23:06	25°♑42'12	1.33722 AU
	-9621 Mar 28 j 00:20	0°♒	
evening rise	-9621 Mar 31 j 11:06	7°♒01'06	
	-9621 Apr 13 j 01:48	0°♓	
evening max el	-9621 May 04 j 01:16	28°♓06'20	27°25'38
desc. node	-9621 May 06 j 01:12	29°♓56'53	
	-9621 May 06 j 02:38	0°♈	
retrograde	-9621 May 17 j 18:19	5°♈38'48	
evening set	-9621 May 24 j 18:36	3°♈01'09	
	-9621 May 28 j 03:59	30°℞♓	
min. Earth dist.	-9621 May 28 j 09:55	29°♓44'57	0.63547 AU
inferior conj	-9621 May 31 j 00:29	27°♓00'50	-3°37'31
minimum elong	-9621 May 31 j 01:53	26°♓57'10	3°37'30
morning rise	-9621 Jun 06 j 10:03	21°♓42'40	
direct	-9621 Jun 09 j 04:40	21°♓04'09	
morning max el	-9621 Jun 15 j 16:49	24°♓28'29	18°04'25
asc. node	-9621 Jun 16 j 14:05	25°♓24'07	
	-9621 Jun 20 j 04:49	0°♈	
morning set	-9621 Jul 03 j 02:41	21°♈19'27	
	-9621 Jul 08 j 03:45	0°♉	
superior conj	-9621 Jul 15 j 18:29	12°♉45'50	1°30'26
minimum elong	-9621 Jul 16 j 00:10	13°♉09'12	1°30'20
max. Earth dist.	-9621 Jul 21 j 07:40	21°♉47'12	1.43712 AU
	-9621 Jul 26 j 11:35	0°♊	
evening rise	-9621 Jul 31 j 21:03	8°♊25'59	
desc. node	-9621 Aug 01 j 22:24	10°♊04'11	
	-9621 Aug 15 j 01:53	0°♋	
evening max el	-9621 Aug 28 j 15:12	17°♋53'47	20°28'06
retrograde	-9621 Sep 05 j 13:33	22°♋32'26	
evening set	-9621 Sep 09 j 07:55	21°♋10'51	
asc. node	-9621 Sep 12 j 14:15	17°♋55'30	
inferior conj	-9621 Sep 14 j 18:17	15°♋06'16	0°42'17
minimum elong	-9621 Sep 14 j 17:18	15°♋09'32	0°42'28
min. Earth dist.	-9621 Sep 15 j 11:56	14°♋06'54	0.66683 AU
morning rise	-9621 Sep 20 j 02:29	8°♋47'09	
direct	-9621 Sep 25 j 13:52	6°♋26'43	
morning max el	-9621 Oct 06 j 23:34	13°♋15'00	24°38'41
	-9621 Oct 20 j 13:59	0°♌	
desc. node	-9621 Oct 28 j 21:56	12°♌09'36	
	-9621 Nov 08 j 23:49	0°♍	
morning set	-9621 Nov 11 j 19:38	4°♍52'20	
max. Earth dist.	-9621 Nov 15 j 16:39	11°♍47'00	1.37819 AU
superior conj	-9621 Nov 22 j 09:06	24°♍20'26	-1°43'12
minimum elong	-9621 Nov 22 j 09:16	24°♍21'10	1°43'04
	-9621 Nov 25 j 06:34	0°♎	
evening rise	-9621 Nov 30 j 20:08	11°♎04'06	
asc. node	-9621 Dec 09 j 12:26	27°♎18'38	
	-9621 Dec 11 j 04:23	0°♏	
evening max el	-9621 Dec 17 j 18:15	8°♏20'34	19°11'38
retrograde	-9621 Dec 26 j 13:46	12°♏32'03	
evening set	-9621 Dec 29 j 01:53	12°♏13'15	
inferior conj	-9620 Jan 06 j 03:58	7°♏59'58	3°57'12
minimum elong	-9620 Jan 06 j 07:31	7°♏53'52	3°56'27

min. Earth dist.	-9620 Jan 09 j 02:39	5°♏59'32	0.57240 AU
morning rise	-9620 Jan 14 j 10:53	3°♏04'42	
direct	-9620 Jan 19 j 15:08	2°♏02'18	
desc. node	-9620 Jan 24 j 23:15	3°♏08'41	
morning max el	-9620 Feb 02 j 16:18	9°♏12'31	25°08'04
	-9620 Feb 18 j 04:58	0°♐	
morning set	-9620 Feb 29 j 05:59	21°♐05'44	
	-9620 Mar 04 j 09:53	0°♑	
asc. node	-9620 Mar 06 j 10:43	4°♑25'08	
superior conj	-9620 Mar 07 j 05:47	6°♑08'43	0°07'51
minimum elong	-9620 Mar 07 j 05:28	6°♑07'01	0°07'12
behind sun begin	-9620 Mar 07 j 00:57	5°♑42'26	
behind sun end	-9620 Mar 07 j 10:00	6°♑31'36	
max. Earth dist.	-9620 Mar 08 j 08:27	8°♑33'13	1.33094 AU
evening rise	-9620 Mar 14 j 12:42	21°♑35'37	
	-9620 Mar 18 j 18:30	0°♒	
	-9620 Apr 06 j 03:59	0°♓	
evening max el	-9620 Apr 15 j 08:46	10°♓39'37	27°16'33
desc. node	-9620 Apr 21 j 22:31	15°♓50'26	
retrograde	-9620 Apr 29 j 08:16	18°♓09'24	
evening set	-9620 May 06 j 04:10	15°♓55'41	
min. Earth dist.	-9620 May 09 j 21:34	13°♓00'48	0.61729 AU
inferior conj	-9620 May 13 j 00:22	10°♓06'59	-3°41'19
minimum elong	-9620 May 12 j 23:58	10°♓07'55	3°41'33
morning rise	-9620 May 19 j 21:23	5°♓08'01	
direct	-9620 May 22 j 12:09	4°♓37'59	
morning max el	-9620 May 29 j 06:35	8°♓01'46	18°01'59
asc. node	-9620 Jun 02 j 10:55	13°♓03'48	
	-9620 Jun 12 j 14:21	0°♈	
morning set	-9620 Jun 14 j 15:08	3°♈40'38	
superior conj	-9620 Jun 25 j 14:28	23°♈11'28	1°46'58
minimum elong	-9620 Jun 25 j 16:46	23°♈21'26	1°47'03
	-9620 Jun 29 j 14:23	0°♉	
max. Earth dist.	-9620 Jul 02 j 17:21	5°♉12'01	1.42356 AU
evening rise	-9620 Jul 10 j 00:02	16°♉56'25	
	-9620 Jul 18 j 10:46	0°♊	
desc. node	-9620 Jul 18 j 19:43	0°♊33'49	
	-9620 Aug 09 j 06:32	0°♋	
evening max el	-9620 Aug 10 j 12:03	1°♋17'46	21°39'49
retrograde	-9620 Aug 19 j 09:26	6°♋33'11	
evening set	-9620 Aug 23 j 16:19	4°♋51'49	
	-9620 Aug 28 j 00:15	30°℞♊	
inferior conj	-9620 Aug 28 j 23:23	28°♊40'51	-0°09'42
minimum elong	-9620 Aug 28 j 23:36	28°♊40'10	0°09'02
transit middle	-9620 Aug 28 j 23:36	28°♊40'10	0°09'02
transit begin	-9620 Aug 28 j 21:20	28°♊47'56	
transit end	-9620 Aug 29 j 01:51	28°♊32'23	
asc. node	-9620 Aug 29 j 11:18	27°♊59'51	
min. Earth dist.	-9620 Aug 29 j 06:32	28°♊16'16	0.67115 AU
morning rise	-9620 Sep 03 j 06:42	22°♊21'57	
direct	-9620 Sep 08 j 03:40	20°♊20'19	
morning max el	-9620 Sep 18 j 09:52	26°♊30'01	23°14'40
	-9620 Sep 21 j 14:41	0°♋	
	-9620 Oct 13 j 05:00	0°♌	
desc. node	-9620 Oct 14 j 18:45	2°♌26'12	
morning set	-9620 Oct 22 j 21:38	15°♌29'58	
max. Earth dist.	-9620 Oct 27 j 14:27	23°♌27'43	1.39824 AU
	-9620 Oct 31 j 07:49	0°♍	
superior conj	-9620 Nov 04 j 04:33	7°♍00'20	-1°39'35
minimum elong	-9620 Nov 04 j 02:34	6°♍51'11	1°39'13
evening rise	-9620 Nov 13 j 13:55	24°♍47'00	
	-9620 Nov 16 j 07:35	0°♎	
asc. node	-9620 Nov 25 j 09:44	15°♎34'20	
evening max el	-9620 Nov 29 j 20:21	20°♎56'49	18°30'53

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9620 Dec 07 j 12:42	24°♎42'49	
evening set	-9620 Dec 10 j 01:02	24°♎19'58	
inferior conj	-9620 Dec 17 j 13:19	19°♎46'15	4°15'15
minimum elong	-9620 Dec 17 j 13:21	19°♎46'12	4°15'08
min. Earth dist.	-9620 Dec 20 j 19:39	17°♎12'09	0.58997 AU
morning rise	-9620 Dec 24 j 23:53	14°♎28'52	
direct	-9620 Dec 31 j 07:15	12°♎48'07	
desc. node	-9619 Jan 10 j 20:03	17°♎04'56	
morning max el	-9619 Jan 14 j 09:29	20°♎09'49	26°27'51
	-9619 Jan 22 j 21:04	0°♏	
	-9619 Feb 09 j 17:29	0°♐	
morning set	-9619 Feb 12 j 17:18	6°♐07'32	
superior conj	-9619 Feb 19 j 17:19	21°♐11'59	-0°15'47
minimum elong	-9619 Feb 19 j 18:00	21°♐15'43	0°16'13
max. Earth dist.	-9619 Feb 19 j 21:39	21°♐35'37	1.32792 AU
asc. node	-9619 Feb 21 j 07:49	24°♐42'01	
	-9619 Feb 23 j 18:36	0°♑	
evening rise	-9619 Feb 26 j 19:34	6°♑25'35	
	-9619 Mar 11 j 09:48	0°♒	
evening max el	-9619 Mar 28 j 11:19	22°♒35'50	26°34'46
desc. node	-9619 Apr 08 j 19:45	29°♒39'28	
retrograde	-9619 Apr 11 j 13:54	29°♒58'34	
evening set	-9619 Apr 17 j 19:17	28°♒18'45	
min. Earth dist.	-9619 Apr 22 j 00:33	25°♒30'51	0.59737 AU
inferior conj	-9619 Apr 25 j 09:12	22°♒47'53	-3°23'49
minimum elong	-9619 Apr 25 j 06:34	22°♒53'16	3°23'53
morning rise	-9619 May 02 j 20:20	18°♒09'18	
direct	-9619 May 05 j 07:44	17°♒46'28	
morning max el	-9619 May 12 j 17:40	21°♒21'47	18°18'38
	-9619 May 19 j 09:24	0°♓	
asc. node	-9619 May 20 j 07:44	1°♓30'11	
morning set	-9619 May 28 j 19:53	16°♓51'34	
	-9619 Jun 04 j 19:51	0°♈	
superior conj	-9619 Jun 07 j 12:03	4°♈54'12	1°49'25
minimum elong	-9619 Jun 07 j 11:17	4°♈50'45	1°49'23
max. Earth dist.	-9619 Jun 14 j 21:38	17°♈57'12	1.40613 AU
evening rise	-9619 Jun 19 j 22:02	26°♈22'06	
	-9619 Jun 22 j 03:31	0°♉	
desc. node	-9619 Jul 05 j 17:03	20°♉51'07	
	-9619 Jul 12 j 03:54	0°♊	
evening max el	-9619 Jul 24 j 02:40	14°♊38'52	22°59'40
retrograde	-9619 Aug 03 j 02:56	20°♊35'04	
evening set	-9619 Aug 08 j 00:00	18°♊32'28	
inferior conj	-9619 Aug 13 j 05:40	12°♊17'45	-0°59'42
minimum elong	-9619 Aug 13 j 06:55	12°♊13'26	0°58'41
min. Earth dist.	-9619 Aug 13 j 02:22	12°♊29'08	0.67256 AU
asc. node	-9619 Aug 16 j 08:18	8°♊14'35	
morning rise	-9619 Aug 18 j 13:45	6°♊02'38	
direct	-9619 Aug 22 j 21:20	4°♊20'21	
morning max el	-9619 Aug 31 j 23:54	9°♊47'17	21°51'38
	-9619 Sep 16 j 13:01	0°♋	
desc. node	-9619 Oct 01 j 15:36	22°♋54'40	
morning set	-9619 Oct 02 j 20:34	24°♋49'26	
	-9619 Oct 06 j 01:56	0°♌	
max. Earth dist.	-9619 Oct 09 j 16:45	5°♌55'56	1.41744 AU
superior conj	-9619 Oct 17 j 03:30	18°♌36'25	-1°24'33
minimum elong	-9619 Oct 16 j 23:16	18°♌17'57	1°23'45
	-9619 Oct 23 j 12:54	0°♍	
evening rise	-9619 Oct 27 j 20:32	7°♍53'52	
	-9619 Nov 09 j 21:12	0°♎	
asc. node	-9619 Nov 12 j 07:02	2°♎58'06	
evening max el	-9619 Nov 13 j 05:01	3°♎55'42	18°10'18
retrograde	-9619 Nov 20 j 04:28	7°♎29'30	
evening set	-9619 Nov 22 j 17:45	7°♎01'27	
inferior conj	-9619 Nov 29 j 17:28	2°♎05'45	4°04'15
minimum elong	-9619 Nov 29 j 14:55	2°♎11'33	4°04'01
	-9619 Dec 02 j 00:28	30°℞♍	
min. Earth dist.	-9619 Dec 02 j 18:56	29°♍19'02	0.60885 AU
morning rise	-9619 Dec 06 j 10:48	26°♍29'58	
direct	-9619 Dec 13 j 09:14	24°♍14'43	
	-9619 Dec 25 j 11:52	0°♎	
morning max el	-9619 Dec 27 j 08:58	1°♎43'30	27°19'30
desc. node	-9619 Dec 28 j 16:47	3°♎02'49	
	-9618 Jan 17 j 00:16	0°♏	
morning set	-9618 Jan 28 j 01:35	20°♏58'52	
	-9618 Feb 01 j 08:01	0°♐	
max. Earth dist.	-9618 Feb 03 j 10:57	4°♐35'57	1.32810 AU
superior conj	-9618 Feb 04 j 05:00	6°♐14'22	-0°38'28
minimum elong	-9618 Feb 04 j 06:32	6°♐22'44	0°38'40
asc. node	-9618 Feb 08 j 04:58	14°♐56'28	
evening rise	-9618 Feb 11 j 05:33	21°♐23'07	
	-9618 Feb 15 j 11:16	0°♑	
	-9618 Mar 06 j 14:46	0°♒	
evening max el	-9618 Mar 10 j 08:04	3°♒54'36	25°24'34
retrograde	-9618 Mar 24 j 09:27	11°♒04'50	
desc. node	-9618 Mar 26 j 16:55	10°♒52'05	
evening set	-9618 Mar 29 j 14:53	10°♒00'29	
min. Earth dist.	-9618 Apr 03 j 21:00	7°♒05'05	0.57816 AU
inferior conj	-9618 Apr 06 j 23:35	4°♒54'52	-2°37'50
minimum elong	-9618 Apr 06 j 19:25	5°♒02'11	2°37'24
morning rise	-9618 Apr 15 j 03:10	0°♒35'58	
direct	-9618 Apr 17 j 11:06	0°♒19'06	
morning max el	-9618 Apr 25 j 23:15	4°♒20'16	18°55'00
asc. node	-9618 May 07 j 04:35	20°♒32'38	
	-9618 May 12 j 04:02	0°♓	
morning set	-9618 May 12 j 12:41	0°♓42'12	
superior conj	-9618 May 21 j 06:01	17°♓40'54	1°41'29
minimum elong	-9618 May 21 j 03:33	17°♓29'08	1°41'09
	-9618 May 27 j 21:45	0°♈	
max. Earth dist.	-9618 May 27 j 22:23	0°♈02'52	1.38723 AU
evening rise	-9618 May 31 j 23:26	7°♈09'48	
	-9618 Jun 15 j 03:01	0°♉	
desc. node	-9618 Jun 22 j 14:25	10°♉50'40	
evening max el	-9618 Jul 06 j 13:20	28°♉00'16	24°21'18
	-9618 Jul 08 j 16:01	0°♊	
retrograde	-9618 Jul 17 j 17:05	4°♊35'24	
evening set	-9618 Jul 23 j 05:07	2°♊12'31	
	-9618 Jul 25 j 08:17	30°℞♉	
inferior conj	-9618 Jul 28 j 11:25	25°♉56'30	-1°46'13
minimum elong	-9618 Jul 28 j 13:30	25°♉49'27	1°45'03
min. Earth dist.	-9618 Jul 27 j 21:08	26°♉44'49	0.67093 AU
morning rise	-9618 Aug 02 j 21:52	19°♉48'27	
asc. node	-9618 Aug 03 j 05:14	19°♉35'25	
direct	-9618 Aug 06 j 17:51	18°♉24'12	
morning max el	-9618 Aug 14 j 20:03	23°♉10'51	20°36'11
	-9618 Aug 20 j 12:58	0°♊	
	-9618 Sep 09 j 21:26	0°♋	
morning set	-9618 Sep 12 j 00:40	3°♋18'33	
desc. node	-9618 Sep 18 j 12:32	13°♋30'59	
max. Earth dist.	-9618 Sep 22 j 01:29	19°♋10'56	1.43306 AU
superior conj	-9618 Sep 28 j 00:23	28°♋55'11	-0°55'50
minimum elong	-9618 Sep 27 j 19:32	28°♋35'04	0°54'45
	-9618 Sep 28 j 15:59	0°♌	
evening rise	-9618 Oct 10 j 11:45	20°♌15'08	
	-9618 Oct 16 j 01:52	0°♍	
evening max el	-9618 Oct 27 j 17:26	17°♍10'13	18°09'16
asc. node	-9618 Oct 30 j 04:17	19°♍15'20	
retrograde	-9618 Nov 03 j 08:59	20°♍42'28	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9618 Nov 06 j 00:43	20°♍07'39	
inferior conj	-9618 Nov 12 j 13:20	14°♍51'43	3°34'09
minimum elong	-9618 Nov 12 j 09:44	15°♍01'01	3°33'36
min. Earth dist.	-9618 Nov 15 j 03:35	12°♍11'34	0.62659 AU
morning rise	-9618 Nov 18 j 17:50	9°♍00'43	
direct	-9618 Nov 25 j 19:45	6°♍22'42	
morning max el	-9618 Dec 09 j 14:27	13°♍56'54	27°36'30
desc. node	-9618 Dec 15 j 13:30	20°♍29'29	
	-9618 Dec 22 j 16:56	0°♎	
	-9617 Jan 09 j 09:43	0°♏	
morning set	-9617 Jan 12 j 04:35	5°♏31'34	
max. Earth dist.	-9617 Jan 17 j 20:24	17°♏19'46	1.33178 AU
superior conj	-9617 Jan 19 j 15:11	21°♏09'43	-0°59'23
minimum elong	-9617 Jan 19 j 17:18	21°♏21'12	0°59'26
	-9617 Jan 23 j 17:16	0°♐	
asc. node	-9617 Jan 26 j 02:10	5°♐03'54	
evening rise	-9617 Jan 26 j 16:50	6°♐21'16	
	-9617 Feb 08 j 09:20	0°♑	
evening max el	-9617 Feb 20 j 01:10	14°♑48'14	23°55'56
retrograde	-9617 Mar 05 j 17:08	21°♑34'18	
evening set	-9617 Mar 09 j 18:37	20°♑57'42	
desc. node	-9617 Mar 13 j 14:01	19°♑23'58	
min. Earth dist.	-9617 Mar 16 j 13:55	17°♑42'23	0.56289 AU
inferior conj	-9617 Mar 18 j 18:03	16°♑22'07	-1°19'00
minimum elong	-9617 Mar 18 j 14:59	16°♑26'52	1°18'38
morning rise	-9617 Mar 27 j 14:15	12°♑17'27	
direct	-9617 Mar 29 j 19:53	12°♑04'24	
morning max el	-9617 Apr 08 j 20:26	16°♑46'49	19°51'13
	-9617 Apr 18 j 15:18	0°♒	
asc. node	-9617 Apr 24 j 01:28	10°♒01'43	
morning set	-9617 Apr 26 j 14:01	15°♒02'25	
	-9617 May 03 j 23:48	0°♓	
superior conj	-9617 May 04 j 14:56	1°♓15'21	1°26'33
minimum elong	-9617 May 04 j 11:58	1°♓00'37	1°25'53
max. Earth dist.	-9617 May 10 j 00:45	11°♓45'15	1.36932 AU
evening rise	-9617 May 14 j 01:46	19°♓14'06	
	-9617 May 20 j 05:30	0°♈	
desc. node	-9617 Jun 09 j 11:48	0°♉24'13	
	-9617 Jun 09 j 04:21	0°♉	
evening max el	-9617 Jun 18 j 23:00	11°♉23'34	25°36'58
retrograde	-9617 Jul 01 j 03:09	18°♉28'59	
evening set	-9617 Jul 07 j 05:37	15°♉49'59	
min. Earth dist.	-9617 Jul 11 j 12:32	11°♉00'31	0.66590 AU
inferior conj	-9617 Jul 12 j 14:51	9°♉35'08	-2°27'44
minimum elong	-9617 Jul 12 j 17:26	9°♉26'43	2°26'40
morning rise	-9617 Jul 18 j 05:19	3°♉37'13	
asc. node	-9617 Jul 21 j 02:08	2°♉30'33	
direct	-9617 Jul 21 j 15:45	2°♉28'42	
morning max el	-9617 Jul 28 j 22:51	6°♉41'19	19°33'02
	-9617 Aug 14 j 14:33	0°♊	
morning set	-9617 Aug 22 j 05:13	11°♊51'59	
	-9617 Sep 02 j 18:07	0°♋	
max. Earth dist.	-9617 Sep 04 j 15:14	2°♋58'46	1.44305 AU
desc. node	-9617 Sep 05 j 09:34	4°♋11'34	
superior conj	-9617 Sep 07 j 17:56	7°♋56'13	-0°14'17
minimum elong	-9617 Sep 07 j 16:18	7°♋49'41	0°13'30
behind sun begin	-9617 Sep 07 j 09:59	7°♋24'26	
behind sun end	-9617 Sep 07 j 22:37	8°♋14'57	
	-9617 Sep 21 j 06:40	0°♌	
evening rise	-9617 Sep 22 j 06:18	1°♌38'18	
	-9617 Oct 10 j 17:45	0°♍	
evening max el	-9617 Oct 11 j 06:45	0°♍34'17	18°26'47
asc. node	-9617 Oct 17 j 01:30	4°♍10'02	
retrograde	-9617 Oct 17 j 22:03	4°♍14'01	
evening set	-9617 Oct 20 j 18:20	3°♍30'01	
	-9617 Oct 25 j 00:59	30°℞♌	
inferior conj	-9617 Oct 26 j 21:25	27°♌56'36	2°52'25
minimum elong	-9617 Oct 26 j 17:55	28°♌06'38	2°51'45
min. Earth dist.	-9617 Oct 28 j 22:25	25°♌36'52	0.64182 AU
morning rise	-9617 Nov 01 j 16:52	21°♌53'40	
direct	-9617 Nov 08 j 13:35	19°♌06'59	
morning max el	-9617 Nov 21 j 23:27	26°♌41'36	27°19'13
	-9617 Nov 25 j 03:11	0°♍	
desc. node	-9617 Dec 02 j 10:14	8°♍59'16	
	-9617 Dec 16 j 05:55	0°♎	
morning set	-9617 Dec 26 j 23:34	19°♎36'26	
max. Earth dist.	-9617 Dec 31 j 22:17	29°♎35'42	1.33938 AU
	-9616 Jan 01 j 02:58	0°♏	
superior conj	-9616 Jan 03 j 22:01	5°♏51'46	-1°17'38
minimum elong	-9616 Jan 04 j 00:22	6°♏04'12	1°17'37
evening rise	-9616 Jan 11 j 03:47	21°♏14'17	
asc. node	-9616 Jan 12 j 23:24	24°♏59'41	
	-9616 Jan 15 j 11:28	0°♐	
evening max el	-9616 Feb 01 j 19:52	25°♐41'19	22°22'13
	-9616 Feb 07 j 16:47	0°♑	
retrograde	-9616 Feb 14 j 12:53	1°♑47'13	
evening set	-9616 Feb 17 j 15:59	1°♑25'43	
	-9616 Feb 21 j 18:10	30°℞♐	
min. Earth dist.	-9616 Feb 26 j 05:16	27°♐38'12	0.55472 AU
inferior conj	-9616 Feb 26 j 20:31	27°♐16'22	0°25'21
minimum elong	-9616 Feb 26 j 21:37	27°♐14'48	0°24'25
desc. node	-9616 Feb 28 j 11:03	26°♐21'43	
morning rise	-9616 Mar 07 j 04:15	23°♐13'37	
direct	-9616 Mar 09 j 14:19	23°♐00'04	
morning max el	-9616 Mar 21 j 06:56	28°♐34'05	21°06'19
	-9616 Mar 22 j 17:20	0°♑	
morning set	-9616 Apr 09 j 21:11	29°♑44'31	
asc. node	-9616 Apr 09 j 22:24	29°♑50'46	
	-9616 Apr 10 j 00:12	0°♒	
superior conj	-9616 Apr 17 j 10:31	15°♒25'05	1°07'07
minimum elong	-9616 Apr 17 j 07:51	15°♒11'24	1°06'16
max. Earth dist.	-9616 Apr 21 j 11:06	23°♒34'06	1.35419 AU
	-9616 Apr 24 j 18:08	0°♓	
evening rise	-9616 Apr 25 j 23:25	2°♓19'24	
	-9616 May 12 j 04:33	0°♈	
desc. node	-9616 May 26 j 09:11	19°♈20'54	
evening max el	-9616 May 31 j 09:37	24°♈46'35	26°38'03
	-9616 Jun 06 j 19:51	0°♉	
retrograde	-9616 Jun 13 j 08:27	2°♉09'52	
	-9616 Jun 19 j 04:32	30°℞♈	
evening set	-9616 Jun 19 j 23:11	29°♈22'30	
min. Earth dist.	-9616 Jun 23 j 22:16	25°♈12'03	0.65717 AU
inferior conj	-9616 Jun 25 j 13:58	23°♈11'17	-3°02'30
minimum elong	-9616 Jun 25 j 16:36	23°♈03'14	3°01'46
morning rise	-9616 Jul 01 j 10:14	17°♈26'32	
direct	-9616 Jul 04 j 13:13	16°♈31'15	
asc. node	-9616 Jul 06 j 23:01	17°♈02'52	
morning max el	-9616 Jul 11 j 07:24	20°♈17'44	18°45'06
	-9616 Jul 18 j 18:08	0°♉	
morning set	-9616 Aug 01 j 04:38	21°♉19'46	
	-9616 Aug 06 j 14:08	0°♊	
superior conj	-9616 Aug 16 j 18:30	16°♊11'02	0°32'54
minimum elong	-9616 Aug 16 j 22:34	16°♊27'04	0°32'57
max. Earth dist.	-9616 Aug 17 j 07:57	17°♊04'08	1.44631 AU
desc. node	-9616 Aug 22 j 06:40	24°♊53'11	
	-9616 Aug 25 j 12:14	0°♋	
evening rise	-9616 Sep 01 j 23:11	11°♋51'06	
	-9616 Sep 13 j 10:05	0°♌	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9616 Sep 23 j 18:11	14°♌02'18	19°01'37
retrograde	-9616 Sep 30 j 16:10	17°♌57'52	
asc. node	-9616 Oct 02 j 22:43	17°♌28'11	
evening set	-9616 Oct 03 j 19:17	17°♌01'41	
inferior conj	-9616 Oct 09 j 14:31	11°♌13'44	2°04'02
minimum elong	-9616 Oct 09 j 11:46	11°♌22'14	2°03'32
min. Earth dist.	-9616 Oct 11 j 02:26	9°♌22'37	0.65401 AU
morning rise	-9616 Oct 15 j 03:51	5°♌02'01	
direct	-9616 Oct 21 j 13:40	2°♌19'19	
morning max el	-9616 Nov 03 j 09:23	9°♌44'58	26°32'35
desc. node	-9616 Nov 18 j 06:57	28°♌12'48	
	-9616 Nov 19 j 12:35	0°♍	
	-9616 Dec 07 j 16:11	0°♎	
morning set	-9616 Dec 09 j 06:48	3°♎00'27	
max. Earth dist.	-9616 Dec 13 j 13:34	11°♎17'35	1.35131 AU
superior conj	-9616 Dec 17 j 23:12	20°♎11'47	-1°32'04
minimum elong	-9616 Dec 18 j 01:15	20°♎22'20	1°32'02
	-9616 Dec 22 j 16:17	0°♏	
evening rise	-9616 Dec 25 j 12:35	5°♏55'02	
asc. node	-9616 Dec 29 j 20:40	14°♏37'17	
	-9615 Jan 07 j 23:27	0°♐	
evening max el	-9615 Jan 13 j 21:17	6°♐54'31	20°55'33
retrograde	-9615 Jan 25 j 02:46	12°♐11'35	
evening set	-9615 Jan 27 j 18:47	11°♐54'52	
inferior conj	-9615 Feb 05 j 17:24	7°♐56'30	2°11'04
minimum elong	-9615 Feb 05 j 22:30	7°♐49'09	2°09'04
min. Earth dist.	-9615 Feb 06 j 19:22	7°♐19'03	0.55529 AU
desc. node	-9615 Feb 14 j 08:02	3°♐51'08	
morning rise	-9615 Feb 15 j 01:05	3°♐40'26	
direct	-9615 Feb 18 j 04:57	3°♐18'28	
morning max el	-9615 Mar 03 j 06:26	9°♐41'13	22°36'50
	-9615 Mar 17 j 20:02	0°♑	
morning set	-9615 Mar 25 j 07:55	14°♑41'02	
asc. node	-9615 Mar 27 j 19:23	19°♑53'42	
superior conj	-9615 Apr 01 j 13:27	29°♑59'43	0°45'00
minimum elong	-9615 Apr 01 j 11:34	29°♑49'43	0°44'07
	-9615 Apr 01 j 13:31	0°♒	
max. Earth dist.	-9615 Apr 04 j 07:58	5°♒48'08	1.34247 AU
evening rise	-9615 Apr 09 j 11:01	16°♒09'15	
	-9615 Apr 16 j 21:17	0°♓	
	-9615 May 06 j 16:44	0°♈	
desc. node	-9615 May 13 j 06:34	7°♈25'09	
evening max el	-9615 May 13 j 20:42	8°♈00'03	27°16'27
retrograde	-9615 May 27 j 08:14	15°♈30'31	
evening set	-9615 Jun 03 j 07:00	12°♈45'44	
min. Earth dist.	-9615 Jun 07 j 00:15	9°♈11'41	0.64451 AU
inferior conj	-9615 Jun 09 j 06:24	6°♈40'49	-3°28'11
minimum elong	-9615 Jun 09 j 08:28	6°♈35'03	3°27'54
morning rise	-9615 Jun 15 j 10:27	1°♈12'07	
direct	-9615 Jun 18 j 07:48	0°♈27'52	
asc. node	-9615 Jun 23 j 19:53	3°♈00'36	
morning max el	-9615 Jun 24 j 19:53	3°♈57'15	18°14'08
	-9615 Jul 12 j 01:16	0°♉	
morning set	-9615 Jul 13 j 05:48	2°♉00'12	
superior conj	-9615 Jul 26 j 23:55	24°♉42'16	1°13'34
minimum elong	-9615 Jul 27 j 06:29	25°♉08'40	1°13'22
	-9615 Jul 30 j 07:11	0°♊	
max. Earth dist.	-9615 Jul 31 j 00:40	1°♊09'40	1.44244 AU
desc. node	-9615 Aug 09 j 03:51	15°♊33'05	
evening rise	-9615 Aug 12 j 14:22	20°♊54'35	
	-9615 Aug 18 j 11:17	0°♋	
greatest brilliancy	-9615 Aug 25 j 00:44	10°♋00'30	-0.7m
evening max el	-9615 Sep 07 j 01:14	27°♋30'35	19°52'23
	-9615 Sep 09 j 20:17	0°♌	
retrograde	-9615 Sep 14 j 12:39	1°♌50'47	
evening set	-9615 Sep 18 j 00:54	0°♌39'11	
	-9615 Sep 18 j 21:32	30°℞♋	
asc. node	-9615 Sep 19 j 19:52	29°♋08'59	
inferior conj	-9615 Sep 23 j 13:58	24°♋39'42	1°12'27
minimum elong	-9615 Sep 23 j 12:19	24°♋45'07	1°12'21
min. Earth dist.	-9615 Sep 24 j 13:54	23°♋21'09	0.66306 AU
morning rise	-9615 Sep 28 j 23:30	18°♋22'28	
direct	-9615 Oct 04 j 19:23	15°♋52'33	
morning max el	-9615 Oct 16 j 18:59	22°♋57'24	25°24'18
	-9615 Oct 23 j 01:33	0°♌	
desc. node	-9615 Nov 05 j 03:42	17°♌57'36	
	-9615 Nov 12 j 20:30	0°♍	
morning set	-9615 Nov 21 j 21:37	15°♍30'33	
max. Earth dist.	-9615 Nov 25 j 18:20	22°♍36'53	1.36747 AU
	-9615 Nov 29 j 14:54	0°♎	
superior conj	-9615 Dec 01 j 15:56	4°♎01'18	-1°41'09
minimum elong	-9615 Dec 01 j 17:00	4°♎06'36	1°41'06
evening rise	-9615 Dec 09 j 17:25	20°♎18'07	
	-9615 Dec 14 j 15:54	0°♏	
asc. node	-9615 Dec 16 j 17:58	3°♏49'57	
evening max el	-9615 Dec 27 j 08:18	18°♏39'30	19°44'05
retrograde	-9614 Jan 05 j 23:29	23°♏11'59	
evening set	-9614 Jan 08 j 12:07	22°♏54'39	
inferior conj	-9614 Jan 16 j 22:13	18°♏49'48	3°29'47
minimum elong	-9614 Jan 17 j 03:22	18°♏41'36	3°28'24
min. Earth dist.	-9614 Jan 19 j 08:53	17°♏17'04	0.56423 AU
morning rise	-9614 Jan 25 j 16:33	14°♏09'34	
direct	-9614 Jan 30 j 02:04	13°♏26'17	
desc. node	-9614 Feb 01 j 04:57	13°♏36'36	
morning max el	-9614 Feb 12 j 22:31	20°♏23'20	24°14'18
	-9614 Feb 21 j 02:08	0°♐	
morning set	-9614 Mar 09 j 20:16	29°♐45'08	
	-9614 Mar 09 j 23:06	0°♑	
asc. node	-9614 Mar 14 j 16:23	10°♑05'36	
superior conj	-9614 Mar 16 j 21:17	14°♑51'07	0°21'33
minimum elong	-9614 Mar 16 j 20:22	14°♑46'14	0°20'47
max. Earth dist.	-9614 Mar 18 j 13:44	18°♑28'17	1.33419 AU
evening rise	-9614 Mar 24 j 08:25	0°♒30'24	
	-9614 Mar 24 j 02:24	0°♒	
	-9614 Apr 09 j 22:06	0°♓	
evening max el	-9614 Apr 26 j 06:06	20°♓50'58	27°25'44
desc. node	-9614 Apr 30 j 03:55	24°♓14'51	
retrograde	-9614 May 10 j 01:54	28°♓22'10	
evening set	-9614 May 17 j 01:42	25°♓53'04	
min. Earth dist.	-9614 May 20 j 16:59	22°♓47'47	0.62813 AU
inferior conj	-9614 May 23 j 13:16	19°♓57'27	-3°41'19
minimum elong	-9614 May 23 j 13:59	19°♓55'38	3°41'27
morning rise	-9614 May 30 j 03:23	14°♓47'19	
direct	-9614 Jun 01 j 20:24	14°♓12'27	
morning max el	-9614 Jun 08 j 09:58	17°♓34'46	18°01'06
asc. node	-9614 Jun 10 j 16:42	20°♓07'26	
	-9614 Jun 17 j 08:06	0°♈	
morning set	-9614 Jun 25 j 06:40	13°♈47'36	
	-9614 Jul 04 j 14:18	0°♉	
superior conj	-9614 Jul 07 j 04:06	4°♉21'05	1°39'24
minimum elong	-9614 Jul 07 j 08:29	4°♉39'25	1°39'24
max. Earth dist.	-9614 Jul 13 j 13:52	14°♉55'02	1.43199 AU
evening rise	-9614 Jul 22 j 15:29	29°♉19'17	
	-9614 Jul 23 j 01:57	0°♊	
desc. node	-9614 Jul 27 j 01:07	6°♊07'28	
	-9614 Aug 12 j 05:54	0°♋	
evening max el	-9614 Aug 21 j 01:56	10°♋55'49	20°57'15
retrograde	-9614 Aug 29 j 09:19	15°♋49'17	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9614 Sep 02 j 08:51	14°♋19'20	
asc. node	-9614 Sep 06 j 16:57	9°♋34'40	
inferior conj	-9614 Sep 07 j 17:34	8°♋11'28	0°20'04
minimum elong	-9614 Sep 07 j 17:06	8°♋13'04	0°20'28
min. Earth dist.	-9614 Sep 08 j 06:36	7°♋27'06	0.66904 AU
morning rise	-9614 Sep 13 j 01:12	1°♋52'07	
	-9614 Sep 16 j 04:21	30°℞♊	
direct	-9614 Sep 18 j 06:16	29°♊39'47	
	-9614 Sep 20 j 10:48	0°♋	
morning max el	-9614 Sep 29 j 04:38	6°♋12'24	24°03'21
	-9614 Oct 17 j 15:39	0°♌	
desc. node	-9614 Oct 23 j 00:29	8°♌04'25	
morning set	-9614 Nov 03 j 14:31	26°♌52'29	
	-9614 Nov 05 j 10:00	0°♍	
max. Earth dist.	-9614 Nov 07 j 16:50	4°♍01'05	1.38664 AU
superior conj	-9614 Nov 14 j 20:27	17°♍09'46	-1°42'53
minimum elong	-9614 Nov 14 j 19:46	17°♍06'31	1°42'42
	-9614 Nov 21 j 11:30	0°♎	
evening rise	-9614 Nov 23 j 16:00	4°♎17'32	
asc. node	-9614 Dec 03 j 15:15	22°♎29'21	
	-9614 Dec 09 j 06:18	0°♏	
evening max el	-9614 Dec 10 j 05:17	0°♏58'06	18°51'48
retrograde	-9614 Dec 18 j 12:14	4°♏57'34	
evening set	-9614 Dec 21 j 00:12	4°♏37'16	
inferior conj	-9614 Dec 28 j 20:16	0°♏15'31	4°09'08
minimum elong	-9614 Dec 28 j 22:19	0°♏11'47	4°08'46
	-9614 Dec 29 j 04:45	30°℞♎	
min. Earth dist.	-9614 Dec 31 j 23:56	27°♎58'24	0.57943 AU
morning rise	-9613 Jan 05 j 18:19	25°♎10'06	
direct	-9613 Jan 11 j 11:02	23°♎52'00	
desc. node	-9613 Jan 19 j 01:47	26°♎06'53	
	-9613 Jan 24 j 08:19	0°♏	
morning max el	-9613 Jan 25 j 13:50	1°♏08'20	25°44'56
	-9613 Feb 14 j 20:30	0°♐	
morning set	-9613 Feb 22 j 08:30	14°♐50'21	
superior conj	-9613 Mar 01 j 07:59	29°♐52'31	-0°02'16
minimum elong	-9613 Mar 01 j 08:07	29°♐53'11	0°02'49
behind sun begin	-9613 Mar 01 j 03:09	29°♐26'11	
behind sun end	-9613 Mar 01 j 13:04	0°♑20'10	
	-9613 Mar 01 j 09:22	0°♑	
asc. node	-9613 Mar 01 j 13:27	0°♑22'19	
max. Earth dist.	-9613 Mar 02 j 01:13	1°♑26'18	1.32920 AU
evening rise	-9613 Mar 08 j 12:33	15°♑12'44	
	-9613 Mar 16 j 03:01	0°♒	
	-9613 Apr 05 j 10:21	0°♓	
evening max el	-9613 Apr 08 j 11:31	3°♓09'01	27°02'36
desc. node	-9613 Apr 17 j 01:10	9°♓20'36	
retrograde	-9613 Apr 22 j 12:40	10°♓36'54	
evening set	-9613 Apr 29 j 03:50	8°♓36'20	
min. Earth dist.	-9613 May 03 j 00:36	5°♓46'38	0.60894 AU
inferior conj	-9613 May 06 j 07:12	2°♓54'21	-3°36'55
minimum elong	-9613 May 06 j 05:52	2°♓57'18	3°37'09
	-9613 May 09 j 20:32	30°℞♒	
morning rise	-9613 May 13 j 09:57	28°♒04'20	
direct	-9613 May 15 j 23:16	27°♒37'34	
	-9613 May 21 j 18:02	0°♓	
morning max el	-9613 May 22 j 23:03	1°♓04'26	18°06'42
asc. node	-9613 May 28 j 13:32	8°♓08'57	
morning set	-9613 Jun 08 j 02:38	26°♓31'32	
	-9613 Jun 09 j 23:50	0°♈	
superior conj	-9613 Jun 18 j 11:37	15°♈21'47	1°49'31
minimum elong	-9613 Jun 18 j 12:29	15°♈25'35	1°49'35
max. Earth dist.	-9613 Jun 25 j 21:02	28°♈03'27	1.41651 AU
	-9613 Jun 27 j 01:02	0°♉	

evening rise	-9613 Jul 02 j 00:36	8°♉07'21	
desc. node	-9613 Jul 13 j 22:24	26°♉32'22	
	-9613 Jul 16 j 06:32	0°♊	
evening max el	-9613 Aug 03 j 19:48	24°♊17'37	22°13'01
retrograde	-9613 Aug 13 j 04:29	29°♊50'48	
evening set	-9613 Aug 17 j 17:11	28°♊00'25	
inferior conj	-9613 Aug 22 j 23:24	21°♊47'15	-0°31'15
minimum elong	-9613 Aug 23 j 00:04	21°♊44'56	0°30'26
min. Earth dist.	-9613 Aug 23 j 02:05	21°♊37'57	0.67211 AU
asc. node	-9613 Aug 24 j 13:59	19°♊35'40	
morning rise	-9613 Aug 28 j 06:50	15°♊29'22	
direct	-9613 Sep 01 j 21:48	13°♊36'10	
morning max el	-9613 Sep 11 j 16:17	19°♊28'23	22°38'41
	-9613 Sep 20 j 10:46	0°♋	
desc. node	-9613 Oct 09 j 21:18	28°♋26'30	
	-9613 Oct 10 j 21:03	0°♌	
morning set	-9613 Oct 15 j 04:48	6°♌55'51	
max. Earth dist.	-9613 Oct 20 j 15:39	15°♌59'08	1.40662 AU
superior conj	-9613 Oct 28 j 07:50	29°♌23'50	-1°34'46
minimum elong	-9613 Oct 28 j 04:50	29°♌10'20	1°34'13
	-9613 Oct 28 j 15:52	0°♍	
evening rise	-9613 Nov 07 j 05:28	17°♍45'55	
	-9613 Nov 13 j 20:43	0°♎	
asc. node	-9613 Nov 20 j 12:33	10°♎24'33	
evening max el	-9613 Nov 23 j 10:30	13°♎44'44	18°19'45
retrograde	-9613 Nov 30 j 18:38	17°♎24'14	
evening set	-9613 Dec 03 j 07:06	16°♎59'29	
inferior conj	-9613 Dec 10 j 13:53	12°♎16'40	4°13'33
minimum elong	-9613 Dec 10 j 12:38	12°♎19'19	4°13'26
min. Earth dist.	-9613 Dec 13 j 19:27	9°♎34'14	0.59791 AU
morning rise	-9613 Dec 17 j 16:32	6°♎50'44	
direct	-9613 Dec 24 j 07:48	4°♎53'59	
desc. node	-9612 Jan 05 j 22:33	10°♎59'01	
morning max el	-9612 Jan 07 j 09:34	12°♎20'04	26°53'54
	-9612 Jan 21 j 08:58	0°♏	
morning set	-9612 Feb 06 j 18:45	29°♏48'36	
	-9612 Feb 06 j 20:56	0°♐	
superior conj	-9612 Feb 13 j 19:47	14°♐56'18	-0°25'34
minimum elong	-9612 Feb 13 j 20:51	15°♐02'08	0°25'53
max. Earth dist.	-9612 Feb 13 j 14:41	14°♐28'29	1.32749 AU
asc. node	-9612 Feb 16 j 10:34	20°♐38'43	
evening rise	-9612 Feb 20 j 20:56	0°♑06'37	
	-9612 Feb 20 j 19:40	0°♑	
	-9612 Mar 08 j 11:19	0°♒	
evening max el	-9612 Mar 20 j 11:25	14°♒48'22	26°08'00
desc. node	-9612 Apr 02 j 22:23	22°♒06'27	
retrograde	-9612 Apr 03 j 14:38	22°♒07'35	
evening set	-9612 Apr 09 j 10:35	20°♒43'16	
min. Earth dist.	-9612 Apr 14 j 00:42	17°♒53'37	0.58889 AU
inferior conj	-9612 Apr 17 j 08:32	15°♒21'49	-3°08'14
minimum elong	-9612 Apr 17 j 05:03	15°♒28'28	3°08'06
morning rise	-9612 Apr 25 j 02:28	10°♒51'57	
direct	-9612 Apr 27 j 12:11	10°♒31'59	
morning max el	-9612 May 05 j 08:12	14°♒16'46	18°31'39
asc. node	-9612 May 14 j 10:22	26°♒52'00	
	-9612 May 16 j 04:55	0°♓	
morning set	-9612 May 21 j 12:59	10°♓00'34	
superior conj	-9612 May 30 j 18:36	27°♓33'50	1°47'06
minimum elong	-9612 May 30 j 16:56	27°♓26'08	1°46'57
	-9612 Jun 01 j 02:17	0°♈	
max. Earth dist.	-9612 Jun 06 j 22:47	10°♈28'43	1.39814 AU
evening rise	-9612 Jun 11 j 10:06	18°♈07'33	
	-9612 Jun 18 j 17:22	0°♉	
desc. node	-9612 Jun 29 j 19:44	16°♉43'01	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9612 Jul 09 j 15:34	0°♊	
evening max el	-9612 Jul 16 j 08:23	7°♊38'54	23°34'36
retrograde	-9612 Jul 26 j 20:45	13°♊52'40	
evening set	-9612 Aug 01 j 00:01	11°♊41'26	
inferior conj	-9612 Aug 06 j 05:43	5°♊25'48	-1°19'56
minimum elong	-9612 Aug 06 j 07:21	5°♊20'11	1°18'51
min. Earth dist.	-9612 Aug 05 j 21:55	5°♊52'34	0.67225 AU
asc. node	-9612 Aug 10 j 10:58	0°♊13'39	
	-9612 Aug 10 j 16:39	30°℞♉	
morning rise	-9612 Aug 11 j 14:35	29°♉13'00	
direct	-9612 Aug 15 j 16:59	27°♉38'30	
	-9612 Aug 21 j 06:45	0°♊	
morning max el	-9612 Aug 24 j 08:40	2°♊48'05	21°18'10
	-9612 Sep 13 j 10:50	0°♋	
morning set	-9612 Sep 23 j 17:58	15°♋48'52	
desc. node	-9612 Sep 25 j 18:10	18°♋58'58	
max. Earth dist.	-9612 Oct 01 j 20:11	28°♋46'43	1.42463 AU
	-9612 Oct 02 j 14:03	0°♌	
superior conj	-9612 Oct 08 j 20:21	10°♌29'09	-1°14'06
minimum elong	-9612 Oct 08 j 15:31	10°♌08'31	1°13'08
	-9612 Oct 19 j 22:23	0°♍	
evening rise	-9612 Oct 20 j 06:09	0°♍34'58	
evening max el	-9612 Nov 05 j 21:14	26°♍52'02	18°07'37
asc. node	-9612 Nov 06 j 09:49	27°♍22'30	
	-9612 Nov 10 j 10:28	0°♎	
retrograde	-9612 Nov 12 j 16:11	0°♎23'38	
	-9612 Nov 14 j 22:37	30°℞♍	
evening set	-9612 Nov 15 j 06:22	29°♍52'55	
inferior conj	-9612 Nov 22 j 01:11	24°♍48'37	3°53'20
minimum elong	-9612 Nov 21 j 22:01	24°♍56'14	3°52'56
min. Earth dist.	-9612 Nov 24 j 22:31	22°♍02'27	0.61666 AU
morning rise	-9612 Nov 28 j 12:34	19°♍06'13	
direct	-9612 Dec 05 j 13:59	16°♍39'14	
morning max el	-9612 Dec 19 j 11:36	24°♍10'37	27°31'00
desc. node	-9612 Dec 22 j 19:19	27°♍38'34	
	-9612 Dec 24 j 20:16	0°♎	
	-9611 Jan 13 j 13:11	0°♏	
morning set	-9611 Jan 21 j 01:03	14°♏32'48	
max. Earth dist.	-9611 Jan 27 j 02:40	27°♏22'38	1.32921 AU
superior conj	-9611 Jan 28 j 07:02	29°♏56'34	-0°47'36
minimum elong	-9611 Jan 28 j 08:52	0°♐06'29	0°47'44
	-9611 Jan 28 j 07:40	0°♐	
asc. node	-9611 Feb 02 j 07:44	10°♐50'44	
evening rise	-9611 Feb 04 j 07:41	15°♐05'14	
	-9611 Feb 11 j 20:52	0°♑	
evening max el	-9611 Mar 02 j 06:21	25°♑54'34	24°48'27
	-9611 Mar 07 j 08:56	0°♒	
retrograde	-9611 Mar 16 j 05:13	2°♒55'46	
evening set	-9611 Mar 20 j 22:31	2°♒04'57	
desc. node	-9611 Mar 20 j 19:34	2°♒07'31	
	-9611 Mar 25 j 06:11	30°℞♑	
min. Earth dist.	-9611 Mar 26 j 19:31	29°♑02'19	0.57099 AU
inferior conj	-9611 Mar 29 j 14:23	27°♑12'01	-2°08'24
minimum elong	-9611 Mar 29 j 10:16	27°♑18'51	2°07'52
morning rise	-9611 Apr 07 j 01:10	22°♑59'45	
direct	-9611 Apr 09 j 07:48	22°♑44'49	
morning max el	-9611 Apr 18 j 10:26	27°♑02'11	19°16'27
	-9611 Apr 21 j 04:34	0°♒	
asc. node	-9611 May 01 j 07:13	16°♒06'36	
morning set	-9611 May 05 j 09:48	24°♒04'43	
	-9611 May 08 j 09:15	0°♓	
superior conj	-9611 May 13 j 19:27	10°♓42'01	1°35'50
minimum elong	-9611 May 13 j 16:39	10°♓28'24	1°35'21
max. Earth dist.	-9611 May 19 j 23:34	22°♓21'46	1.37942 AU
evening rise	-9611 May 23 j 22:43	29°♓29'31	
	-9611 May 24 j 05:39	0°♈	
	-9611 Jun 12 j 00:51	0°♉	
desc. node	-9611 Jun 16 j 17:06	6°♉32'42	
evening max el	-9611 Jun 28 j 18:32	21°♉02'06	24°54'48
retrograde	-9611 Jul 10 j 09:09	27°♉50'48	
evening set	-9611 Jul 16 j 03:26	25°♉20'38	
min. Earth dist.	-9611 Jul 20 j 15:33	20°♉08'52	0.66925 AU
inferior conj	-9611 Jul 21 j 10:43	19°♉05'03	-2°04'32
minimum elong	-9611 Jul 21 j 13:04	18°♉57'13	2°03'23
morning rise	-9611 Jul 26 j 22:40	13°♉00'50	
asc. node	-9611 Jul 28 j 07:54	12°♉13'04	
direct	-9611 Jul 30 j 14:26	11°♉43'21	
morning max el	-9611 Aug 07 j 07:35	16°♉14'19	20°07'34
	-9611 Aug 17 j 21:29	0°♊	
morning set	-9611 Sep 02 j 19:35	24°♊12'27	
	-9611 Sep 06 j 12:43	0°♋	
desc. node	-9611 Sep 12 j 15:06	9°♋37'24	
max. Earth dist.	-9611 Sep 14 j 07:38	12°♋19'04	1.43816 AU
superior conj	-9611 Sep 19 j 05:19	20°♋13'56	-0°39'31
minimum elong	-9611 Sep 19 j 01:18	19°♋57'35	0°38'29
	-9611 Sep 25 j 03:26	0°♌	
evening rise	-9611 Oct 02 j 13:14	12°♌33'05	
	-9611 Oct 12 j 21:52	0°♍	
evening max el	-9611 Oct 20 j 10:26	10°♍11'30	18°14'31
asc. node	-9611 Oct 24 j 07:06	13°♍06'44	
retrograde	-9611 Oct 27 j 00:47	13°♍45'34	
evening set	-9611 Oct 29 j 18:19	13°♍06'59	
inferior conj	-9611 Nov 05 j 02:40	7°♍43'07	3°17'29
minimum elong	-9611 Nov 04 j 22:59	7°♍53'02	3°16'51
min. Earth dist.	-9611 Nov 07 j 11:16	5°♍10'38	0.63350 AU
morning rise	-9611 Nov 11 j 02:57	1°♍46'57	
	-9611 Nov 13 j 24:00	30°℞♌	
direct	-9611 Nov 18 j 03:37	29°♌03'44	
	-9611 Nov 22 j 13:29	0°♍	
morning max el	-9611 Dec 01 j 18:47	6°♍37'57	27°33'06
desc. node	-9611 Dec 09 j 16:02	15°♍34'26	
	-9611 Dec 19 j 19:20	0°♎	
morning set	-9610 Jan 05 j 00:59	28°♎54'21	
	-9610 Jan 05 j 14:04	0°♏	
max. Earth dist.	-9610 Jan 10 j 09:24	9°♏55'50	1.33456 AU
superior conj	-9610 Jan 12 j 16:01	14°♏46'44	-1°07'31
minimum elong	-9610 Jan 12 j 18:18	14°♏58'57	1°07'32
evening rise	-9610 Jan 19 j 19:02	0°♐01'52	
	-9610 Jan 19 j 18:40	0°♐	
asc. node	-9610 Jan 20 j 04:57	0°♐53'48	
	-9610 Feb 05 j 23:40	0°♑	
evening max el	-9610 Feb 11 j 23:30	6°♑44'51	23°15'53
retrograde	-9610 Feb 25 j 07:03	13°♑15'01	
evening set	-9610 Feb 28 j 22:05	12°♑46'14	
desc. node	-9610 Mar 07 j 16:40	9°♑46'15	
min. Earth dist.	-9610 Mar 08 j 11:19	9°♑19'15	0.55843 AU
inferior conj	-9610 Mar 10 j 01:08	8°♑23'26	-0°36'46
minimum elong	-9610 Mar 09 j 23:34	8°♑25'45	0°36'50
morning rise	-9610 Mar 19 j 03:16	4°♑21'31	
direct	-9610 Mar 21 j 09:49	4°♑08'48	
morning max el	-9610 Apr 01 j 03:09	9°♑12'04	20°21'03
	-9610 Apr 15 j 05:37	0°♒	
asc. node	-9610 Apr 18 j 04:08	5°♒45'08	
morning set	-9610 Apr 19 j 13:57	8°♒35'35	
superior conj	-9610 Apr 27 j 09:22	24°♒32'59	1°18'45
minimum elong	-9610 Apr 27 j 06:27	24°♒18'17	1°17'58
	-9610 Apr 30 j 02:52	0°♓	
max. Earth dist.	-9610 May 02 j 05:13	4°♓05'53	1.36247 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening rise	-9610 May 06 j 09:59	12°♓01'52	
	-9610 May 16 j 18:18	0°♈	
desc. node	-9610 Jun 03 j 14:32	25°♈52'34	
	-9610 Jun 07 j 01:00	0°♉	
evening max el	-9610 Jun 11 j 04:36	4°♉26'38	26°05'13
retrograde	-9610 Jun 23 j 17:06	11°♉40'30	
evening set	-9610 Jun 30 j 01:18	8°♉56'42	
min. Earth dist.	-9610 Jul 04 j 04:43	4°♉24'08	0.66271 AU
inferior conj	-9610 Jul 05 j 12:35	2°♉43'22	-2°43'26
minimum elong	-9610 Jul 05 j 15:16	2°♉34'53	2°42'28
	-9610 Jul 07 j 18:11	30°℞♈	
morning rise	-9610 Jul 11 j 05:18	26°♈50'54	
direct	-9610 Jul 14 j 12:25	25°♈48'14	
asc. node	-9610 Jul 15 j 04:47	25°♈50'51	
morning max el	-9610 Jul 21 j 13:04	29°♈48'14	19°10'44
	-9610 Jul 21 j 17:37	0°♉	
	-9610 Aug 11 j 07:40	0°♊	
morning set	-9610 Aug 13 j 06:40	3°♊05'49	
max. Earth dist.	-9610 Aug 27 j 23:39	26°♊19'16	1.44540 AU
superior conj	-9610 Aug 29 j 13:32	28°♊49'17	0°05'44
minimum elong	-9610 Aug 29 j 14:19	28°♊52'23	0°06'13
behind sun begin	-9610 Aug 29 j 03:44	28°♊10'24	
behind sun end	-9610 Aug 30 j 00:55	29°♊34'24	
	-9610 Aug 30 j 07:22	0°♋	
desc. node	-9610 Aug 30 j 12:09	0°♋18'59	
evening rise	-9610 Sep 13 j 21:27	23°♋28'21	
	-9610 Sep 17 j 21:18	0°♌	
evening max el	-9610 Oct 03 j 23:14	23°♌37'41	18°39'25
retrograde	-9610 Oct 10 j 16:31	27°♌23'13	
asc. node	-9610 Oct 11 j 04:19	27°♌21'52	
evening set	-9610 Oct 13 j 15:26	26°♌34'20	
inferior conj	-9610 Oct 19 j 14:57	20°♌54'00	2°32'25
minimum elong	-9610 Oct 19 j 11:43	21°♌03'37	2°31'48
min. Earth dist.	-9610 Oct 21 j 10:09	18°♌46'01	0.64745 AU
morning rise	-9610 Oct 25 j 07:29	14°♌46'51	
direct	-9610 Oct 31 j 23:57	12°♌00'54	
morning max el	-9610 Nov 14 j 04:39	19°♌32'43	27°02'32
	-9610 Nov 23 j 05:58	0°♍	
desc. node	-9610 Nov 26 j 12:43	4°♍24'29	
	-9610 Dec 12 j 18:17	0°♎	
morning set	-9610 Dec 19 j 15:28	12°♎43'15	
max. Earth dist.	-9610 Dec 24 j 07:17	21°♎58'15	1.34395 AU
superior conj	-9610 Dec 27 j 20:44	29°♎20'02	-1°24'19
minimum elong	-9610 Dec 27 j 23:02	29°♎32'04	1°24'17
	-9610 Dec 28 j 04:21	0°♏	
evening rise	-9609 Jan 04 j 05:18	14°♏50'22	
asc. node	-9609 Jan 07 j 02:14	20°♏42'39	
	-9609 Jan 11 j 23:39	0°♐	
evening max el	-9609 Jan 24 j 20:18	17°♐43'17	21°43'48
retrograde	-9609 Feb 05 j 23:17	23°♐29'24	
evening set	-9609 Feb 08 j 20:25	23°♐10'47	
inferior conj	-9609 Feb 17 j 23:31	19°♐07'58	1°12'00
minimum elong	-9609 Feb 18 j 02:37	19°♐03'34	1°10'26
min. Earth dist.	-9609 Feb 18 j 01:51	19°♐04'40	0.55380 AU
desc. node	-9609 Feb 22 j 13:42	16°♐40'40	
morning rise	-9609 Feb 27 j 09:01	15°♐01'49	
direct	-9609 Mar 02 j 00:39	14°♐46'07	
morning max el	-9609 Mar 14 j 08:52	20°♐41'38	21°43'30
	-9609 Mar 22 j 01:06	0°♑	
morning set	-9609 Apr 03 j 22:52	23°♑24'44	
asc. node	-9609 Apr 05 j 01:04	25°♑40'47	
	-9609 Apr 07 j 02:33	0°♒	
superior conj	-9609 Apr 11 j 08:25	8°♒54'34	0°58'00
minimum elong	-9609 Apr 11 j 06:03	8°♒42'13	0°57'06
max. Earth dist.	-9609 Apr 14 j 19:53	16°♒03'44	1.34867 AU
evening rise	-9609 Apr 19 j 14:05	25°♒27'33	
	-9609 Apr 21 j 23:41	0°♓	
	-9609 May 10 j 04:36	0°♈	
desc. node	-9609 May 21 j 11:57	14°♈29'18	
evening max el	-9609 May 24 j 15:19	17°♈46'02	26°57'32
retrograde	-9609 Jun 06 j 20:10	25°♈14'00	
evening set	-9609 Jun 13 j 15:06	22°♈25'49	
min. Earth dist.	-9609 Jun 17 j 11:14	18°♈31'47	0.65226 AU
inferior conj	-9609 Jun 19 j 09:08	16°♈16'57	-3°14'42
minimum elong	-9609 Jun 19 j 11:37	16°♈09'38	3°14'08
morning rise	-9609 Jun 25 j 08:29	10°♈39'00	
direct	-9609 Jun 28 j 08:50	9°♈48'48	
asc. node	-9609 Jul 02 j 01:38	11°♈01'11	
morning max el	-9609 Jul 04 j 23:38	13°♈26'50	18°29'52
	-9609 Jul 16 j 17:19	0°♉	
morning set	-9609 Jul 24 j 16:49	13°♉03'53	
	-9609 Aug 04 j 03:12	0°♊	
superior conj	-9609 Aug 08 j 13:19	7°♊03'13	0°51'37
minimum elong	-9609 Aug 08 j 19:05	7°♊26'07	0°51'28
max. Earth dist.	-9609 Aug 10 j 16:37	10°♊26'38	1.44549 AU
desc. node	-9609 Aug 17 j 09:18	21°♊00'27	
	-9609 Aug 23 j 02:27	0°♋	
evening rise	-9609 Aug 25 j 02:55	3°♋10'40	
greatest brilliancy	-9609 Sep 03 j 12:49	17°♋55'35	-0.8m
	-9609 Sep 11 j 15:12	0°♌	
evening max el	-9609 Sep 17 j 09:01	7°♌06'20	19°21'16
retrograde	-9609 Sep 24 j 12:04	11°♌11'47	
evening set	-9609 Sep 27 j 18:41	10°♌09'33	
asc. node	-9609 Sep 28 j 01:28	9°♌58'24	
inferior conj	-9609 Oct 03 j 11:05	4°♌16'11	1°42'24
minimum elong	-9609 Oct 03 j 08:47	4°♌23'31	1°42'04
min. Earth dist.	-9609 Oct 04 j 17:46	2°♌38'29	0.65821 AU
	-9609 Oct 06 j 22:45	30°℞♋	
morning rise	-9609 Oct 08 j 22:31	28°♋01'24	
direct	-9609 Oct 15 j 02:31	25°♋23'19	
	-9609 Oct 24 j 16:32	0°♌	
morning max el	-9609 Oct 27 j 14:45	2°♌42'28	26°05'39
desc. node	-9609 Nov 13 j 09:27	23°♌53'04	
	-9609 Nov 17 j 11:03	0°♍	
morning set	-9609 Dec 02 j 16:28	25°♍47'21	
	-9609 Dec 04 j 22:21	0°♎	
max. Earth dist.	-9609 Dec 06 j 17:58	3°♎29'11	1.35767 AU
superior conj	-9609 Dec 11 j 18:46	13°♎28'57	-1°36'41
minimum elong	-9609 Dec 11 j 20:29	13°♎37'42	1°36'39
evening rise	-9609 Dec 19 j 12:42	29°♎25'01	
	-9609 Dec 19 j 19:33	0°♏	
asc. node	-9609 Dec 24 j 23:31	10°♏11'09	
evening max el	-9608 Jan 07 j 01:37	29°♏09'59	20°22'58
	-9608 Jan 07 j 23:52	0°♐	
retrograde	-9608 Jan 17 j 14:55	4°♐07'20	
evening set	-9608 Jan 20 j 04:36	3°♐50'59	
inferior conj	-9608 Jan 28 j 22:22	29°♏51'42	2°48'58
minimum elong	-9608 Jan 29 j 04:02	29°♏43'14	2°47'04
	-9608 Jan 28 j 16:49	30°℞♏	
min. Earth dist.	-9608 Jan 30 j 15:56	28°♏49'45	0.55809 AU
morning rise	-9608 Feb 07 j 01:42	25°♏25'41	
desc. node	-9608 Feb 09 j 10:38	25°♏00'09	
direct	-9608 Feb 10 j 16:57	24°♏56'34	
	-9608 Feb 22 j 09:37	0°♐	
morning max el	-9608 Feb 24 j 04:47	1°♐36'48	23°18'10
	-9608 Mar 14 j 06:55	0°♑	
morning set	-9608 Mar 18 j 10:29	8°♑25'26	
asc. node	-9608 Mar 21 j 22:05	15°♑48'29	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9608 Mar 25 j 13:44	23°♉37'43	0°35'10
minimum elong	-9608 Mar 25 j 12:15	23°♉29'47	0°34'19
max. Earth dist.	-9608 Mar 27 j 20:35	28°♉28'20	1.33848 AU
	-9608 Mar 28 j 14:04	0°♒	
evening rise	-9608 Apr 02 j 06:18	9°♒32'26	
	-9608 Apr 13 j 09:46	0°♓	
	-9608 May 05 j 05:15	0°♈	
evening max el	-9608 May 06 j 01:49	0°♈50'54	27°24'15
desc. node	-9608 May 07 j 09:19	2°♈04'55	
retrograde	-9608 May 19 j 17:41	8°♈23'10	
evening set	-9608 May 26 j 17:46	5°♈43'16	
min. Earth dist.	-9608 May 30 j 09:27	2°♈22'39	0.63792 AU
inferior conj	-9608 Jun 01 j 21:51	29°♓41'33	-3°35'34
minimum elong	-9608 Jun 01 j 23:26	29°♓37'17	3°35'29
	-9608 Jun 01 j 14:58	30°℞♓	
morning rise	-9608 Jun 08 j 05:54	24°♓20'31	
direct	-9608 Jun 11 j 01:09	23°♓40'37	
morning max el	-9608 Jun 17 j 13:05	27°♓06'04	18°06'19
asc. node	-9608 Jun 17 j 22:28	27°♓29'59	
	-9608 Jun 20 j 02:14	0°♈	
morning set	-9608 Jul 05 j 04:27	24°♈13'19	
	-9608 Jul 08 j 13:26	0°♉	
superior conj	-9608 Jul 18 j 02:56	15°♉58'59	1°26'34
minimum elong	-9608 Jul 18 j 08:58	16°♉23'40	1°26'24
max. Earth dist.	-9608 Jul 23 j 07:31	24°♉23'13	1.43867 AU
	-9608 Jul 26 j 20:08	0°♊	
evening rise	-9608 Aug 03 j 09:40	11°♊50'37	
desc. node	-9608 Aug 03 j 06:31	11°♊38'24	
	-9608 Aug 15 j 06:56	0°♋	
evening max el	-9608 Aug 30 j 13:30	20°♋33'39	20°18'29
retrograde	-9608 Sep 07 j 08:50	25°♋07'13	
evening set	-9608 Sep 11 j 01:32	23°♋48'22	
asc. node	-9608 Sep 13 j 22:35	21°♋02'58	
inferior conj	-9608 Sep 16 j 12:33	17°♋45'09	0°50'15
minimum elong	-9608 Sep 16 j 11:24	17°♋48'59	0°50'21
min. Earth dist.	-9608 Sep 17 j 07:50	16°♋40'40	0.66593 AU
morning rise	-9608 Sep 21 j 21:02	11°♋26'25	
direct	-9608 Sep 27 j 10:41	9°♋03'18	
morning max el	-9608 Oct 09 j 00:05	15°♋56'16	24°50'50
	-9608 Oct 20 j 15:55	0°♌	
desc. node	-9608 Oct 30 j 06:10	13°♌48'18	
	-9608 Nov 09 j 09:19	0°♍	
morning set	-9608 Nov 13 j 22:40	7°♍50'40	
max. Earth dist.	-9608 Nov 17 j 18:51	14°♍44'57	1.37534 AU
superior conj	-9608 Nov 24 j 06:50	27°♍02'56	-1°42'57
minimum elong	-9608 Nov 24 j 07:15	27°♍04'58	1°42'50
	-9608 Nov 25 j 18:59	0°♎	
evening rise	-9608 Dec 02 j 15:10	13°♎38'55	
asc. node	-9608 Dec 10 j 20:48	29°♎11'03	
	-9608 Dec 11 j 08:24	0°♏	
evening max el	-9608 Dec 19 j 17:07	11°♏10'28	19°19'24
retrograde	-9608 Dec 28 j 17:23	15°♏26'45	
evening set	-9608 Dec 31 j 05:37	15°♏08'22	
inferior conj	-9607 Jan 08 j 09:48	10°♏57'36	3°51'14
minimum elong	-9607 Jan 08 j 13:51	10°♏50'48	3°50'21
min. Earth dist.	-9607 Jan 11 j 05:59	9°♏03'53	0.57015 AU
morning rise	-9607 Jan 16 j 19:50	6°♏06'14	
direct	-9607 Jan 21 j 19:25	5°♏09'05	
desc. node	-9607 Jan 26 j 07:29	5°♏56'14	
morning max el	-9607 Feb 04 j 19:34	12°♏16'15	24°54'27
	-9607 Feb 18 j 10:37	0°♐	
morning set	-9607 Mar 02 j 22:58	23°♐30'31	
	-9607 Mar 06 j 00:07	0°♑	
asc. node	-9607 Mar 08 j 19:08	6°♑03'00	
superior conj	-9607 Mar 09 j 23:00	8°♑34'07	0°11'26
minimum elong	-9607 Mar 09 j 22:32	8°♑31'34	0°10'47
behind sun begin	-9607 Mar 09 j 18:48	8°♑11'23	
behind sun end	-9607 Mar 10 j 02:15	8°♑51'45	
max. Earth dist.	-9607 Mar 11 j 05:07	11°♑16'55	1.33171 AU
evening rise	-9607 Mar 17 j 06:54	24°♑03'55	
	-9607 Mar 20 j 06:18	0°♒	
	-9607 Apr 07 j 03:15	0°♓	
evening max el	-9607 Apr 18 j 09:58	13°♓29'35	27°20'02
desc. node	-9607 Apr 24 j 06:37	18°♓14'29	
retrograde	-9607 May 02 j 08:35	20°♓59'36	
evening set	-9607 May 09 j 05:49	18°♓41'38	
min. Earth dist.	-9607 May 12 j 22:26	15°♓44'28	0.62018 AU
inferior conj	-9607 May 15 j 23:39	12°♓51'02	-3°42'00
minimum elong	-9607 May 15 j 23:34	12°♓51'14	3°42'15
morning rise	-9607 May 22 j 18:47	7°♓49'01	
direct	-9607 May 25 j 10:09	7°♓17'44	
morning max el	-9607 Jun 01 j 02:59	10°♓40'46	18°01'07
asc. node	-9607 Jun 04 j 19:18	15°♓01'46	
	-9607 Jun 13 j 23:51	0°♈	
morning set	-9607 Jun 17 j 14:05	6°♈26'28	
superior conj	-9607 Jun 28 j 18:48	26°♈12'29	1°45'28
minimum elong	-9607 Jun 28 j 21:39	26°♈24'42	1°45'33
	-9607 Jul 01 j 00:17	0°♉	
max. Earth dist.	-9607 Jul 05 j 18:15	7°♉54'21	1.42590 AU
evening rise	-9607 Jul 13 j 11:25	20°♉17'41	
	-9607 Jul 19 j 17:45	0°♊	
desc. node	-9607 Jul 21 j 03:47	2°♊09'30	
	-9607 Aug 09 j 22:11	0°♋	
evening max el	-9607 Aug 13 j 11:22	3°♋58'05	21°28'31
retrograde	-9607 Aug 22 j 04:54	9°♋07'28	
evening set	-9607 Aug 26 j 09:52	7°♋29'04	
inferior conj	-9607 Aug 31 j 17:18	1°♋18'54	-0°01'53
minimum elong	-9607 Aug 31 j 17:20	1°♋18'48	0°01'19
transit middle	-9607 Aug 31 j 17:20	1°♋18'48	0°01'19
transit begin	-9607 Aug 31 j 14:38	1°♋28'04	
transit end	-9607 Aug 31 j 20:02	1°♋09'32	
asc. node	-9607 Aug 31 j 19:37	1°♋10'56	
min. Earth dist.	-9607 Sep 01 j 01:57	0°♋49'11	0.67071 AU
	-9607 Sep 01 j 16:21	30°℞♊	
morning rise	-9607 Sep 06 j 00:39	24°♊59'52	
direct	-9607 Sep 10 j 23:42	22°♊55'25	
morning max el	-9607 Sep 21 j 10:02	29°♊10'58	23°27'19
	-9607 Sep 22 j 04:57	0°♋	
	-9607 Oct 14 j 11:52	0°♌	
desc. node	-9607 Oct 17 j 02:57	4°♌02'32	
morning set	-9607 Oct 26 j 04:34	18°♌39'40	
max. Earth dist.	-9607 Oct 30 j 16:40	26°♌20'51	1.39526 AU
	-9607 Nov 01 j 18:35	0°♍	
superior conj	-9607 Nov 07 j 04:45	9°♍50'33	-1°40'50
minimum elong	-9607 Nov 07 j 03:07	9°♍42'58	1°40'30
evening rise	-9607 Nov 16 j 10:14	27°♍26'11	
	-9607 Nov 17 j 18:13	0°♎	
asc. node	-9607 Nov 27 j 18:04	17°♎33'08	
evening max el	-9607 Dec 02 j 17:55	23°♎42'08	18°35'37
retrograde	-9607 Dec 10 j 13:39	27°♎31'12	
evening set	-9607 Dec 13 j 01:55	27°♎08'59	
inferior conj	-9607 Dec 20 j 16:10	22°♎38'20	4°14'39
minimum elong	-9607 Dec 20 j 16:42	22°♎37'18	4°14'29
min. Earth dist.	-9607 Dec 23 j 22:13	20°♎08'03	0.58721 AU
morning rise	-9607 Dec 28 j 05:38	17°♎23'57	
direct	-9606 Jan 03 j 09:33	15°♎49'09	
desc. node	-9606 Jan 13 j 04:17	19°♎30'50	
morning max el	-9606 Jan 17 j 12:03	23°♎09'21	26°17'35
	-9606 Jan 23 j 16:03	0°♏	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9606 Feb 11 j 05:25	0°♐	
morning set	-9606 Feb 15 j 10:34	8°♐33'25	
superior conj	-9606 Feb 22 j 10:21	23°♐36'59	-0°12'17
minimum elong	-9606 Feb 22 j 10:54	23°♐39'56	0°12'43
behind sun begin	-9606 Feb 22 j 07:55	23°♐23'42	
behind sun end	-9606 Feb 22 j 13:52	23°♐56'09	
max. Earth dist.	-9606 Feb 22 j 18:02	24°♐18'57	1.32817 AU
asc. node	-9606 Feb 23 j 16:13	26°♐19'56	
	-9606 Feb 25 j 08:46	0°♑	
evening rise	-9606 Mar 01 j 13:07	8°♑52'10	
	-9606 Mar 12 j 16:42	0°♒	
evening max el	-9606 Mar 31 j 13:18	25°♒31'38	26°42'57
	-9606 Apr 06 j 01:45	0°♓	
desc. node	-9606 Apr 11 j 03:52	2°♓25'02	
retrograde	-9606 Apr 14 j 15:29	2°♓55'40	
evening set	-9606 Apr 20 j 23:49	1°♓10'18	
	-9606 Apr 22 j 21:39	30°℞♒	
min. Earth dist.	-9606 Apr 25 j 02:27	28°♒22'32	0.60038 AU
inferior conj	-9606 Apr 28 j 10:57	25°♒36'28	-3°28'11
minimum elong	-9606 Apr 28 j 08:39	25°♒41'16	3°28'19
morning rise	-9606 May 05 j 19:50	20°♒54'58	
direct	-9606 May 08 j 07:47	20°♒31'06	
morning max el	-9606 May 15 j 14:40	24°♒03'38	18°14'57
	-9606 May 20 j 11:31	0°♓	
asc. node	-9606 May 22 j 16:10	3°♓22'10	
morning set	-9606 May 31 j 16:43	19°♓31'02	
	-9606 Jun 06 j 07:11	0°♈	
superior conj	-9606 Jun 10 j 12:56	7°♈45'03	1°49'48
minimum elong	-9606 Jun 10 j 12:33	7°♈43'20	1°49'49
max. Earth dist.	-9606 Jun 17 j 23:30	20°♈46'46	1.40889 AU
evening rise	-9606 Jun 23 j 05:44	29°♈32'39	
	-9606 Jun 23 j 12:27	0°♉	
desc. node	-9606 Jul 08 j 01:07	22°♉29'07	
	-9606 Jul 13 j 06:37	0°♊	
evening max el	-9606 Jul 27 j 02:45	17°♊19'15	22°47'26
retrograde	-9606 Aug 05 j 22:52	23°♊09'27	
evening set	-9606 Aug 10 j 17:46	21°♊09'55	
inferior conj	-9606 Aug 15 j 23:31	14°♊55'27	-0°52'19
minimum elong	-9606 Aug 16 j 00:37	14°♊51'38	0°51'22
min. Earth dist.	-9606 Aug 15 j 21:44	15°♊01'35	0.67256 AU
asc. node	-9606 Aug 18 j 16:38	11°♊20'00	
morning rise	-9606 Aug 21 j 07:23	8°♊39'37	
direct	-9606 Aug 25 j 16:49	6°♊54'37	
morning max el	-9606 Sep 03 j 23:25	12°♊28'00	22°03'37
	-9606 Sep 17 j 17:07	0°♋	
desc. node	-9606 Oct 03 j 23:47	24°♋29'29	
morning set	-9606 Oct 06 j 07:19	28°♋09'55	
	-9606 Oct 07 j 10:46	0°♌	
max. Earth dist.	-9606 Oct 12 j 18:04	8°♌41'27	1.41471 AU
superior conj	-9606 Oct 20 j 07:05	21°♌36'51	-1°27'40
minimum elong	-9606 Oct 20 j 03:08	21°♌19'30	1°26'57
	-9606 Oct 24 j 23:38	0°♍	
evening rise	-9606 Oct 30 j 18:45	10°♍39'03	
	-9606 Nov 10 j 20:23	0°♎	
asc. node	-9606 Nov 14 j 15:19	5°♎05'41	
evening max el	-9606 Nov 16 j 01:46	6°♎38'13	18°12'09
retrograde	-9606 Nov 23 j 03:14	10°♎13'18	
evening set	-9606 Nov 25 j 16:14	9°♎46'11	
inferior conj	-9606 Dec 02 j 17:42	4°♎53'44	4°07'25
minimum elong	-9606 Dec 02 j 15:27	4°♎58'47	4°07'12
min. Earth dist.	-9606 Dec 05 j 20:27	2°♎07'29	0.60599 AU
	-9606 Dec 08 j 13:22	30°℞♍	
morning rise	-9606 Dec 09 j 13:18	29°♍20'19	
direct	-9606 Dec 16 j 10:11	27°♍09'36	

	-9606 Dec 24 j 17:43	0°♎	
morning max el	-9606 Dec 30 j 10:40	4°♎37'55	27°14'01
desc. node	-9606 Dec 31 j 01:04	5°♎13'09	
	-9605 Jan 18 j 07:40	0°♏	
morning set	-9605 Jan 30 j 19:28	23°♏27'29	
	-9605 Feb 02 j 22:02	0°♐	
superior conj	-9605 Feb 06 j 22:10	8°♐40'32	-0°35'07
minimum elong	-9605 Feb 06 j 23:35	8°♐48'17	0°35'21
max. Earth dist.	-9605 Feb 06 j 07:35	7°♐21'02	1.32783 AU
asc. node	-9605 Feb 10 j 13:21	16°♐35'20	
evening rise	-9605 Feb 13 j 22:47	23°♐49'31	
	-9605 Feb 16 j 23:02	0°♑	
	-9605 Mar 07 j 05:09	0°♒	
evening max el	-9605 Mar 13 j 10:47	6°♒55'37	25°36'28
retrograde	-9605 Mar 27 j 12:52	14°♒08'46	
desc. node	-9605 Mar 29 j 01:04	14°♒03'15	
evening set	-9605 Apr 01 j 22:18	12°♒59'19	
min. Earth dist.	-9605 Apr 06 j 23:45	10°♒05'50	0.58086 AU
inferior conj	-9605 Apr 10 j 04:16	7°♒49'18	-2°46'58
minimum elong	-9605 Apr 10 j 00:13	7°♒56'36	2°46'36
morning rise	-9605 Apr 18 j 05:19	3°♒27'49	
direct	-9605 Apr 20 j 13:42	3°♒10'14	
morning max el	-9605 Apr 28 j 21:20	7°♒06'34	18°48'20
asc. node	-9605 May 09 j 13:03	22°♒20'10	
	-9605 May 13 j 15:21	0°♓	
morning set	-9605 May 15 j 07:59	3°♓16'38	
superior conj	-9605 May 24 j 04:18	20°♓23'44	1°43'13
minimum elong	-9605 May 24 j 02:00	20°♓12'52	1°42'56
	-9605 May 29 j 08:51	0°♈	
max. Earth dist.	-9605 May 31 j 00:16	2°♈56'48	1.39006 AU
evening rise	-9605 Jun 04 j 03:06	10°♈08'19	
	-9605 Jun 16 j 09:32	0°♉	
desc. node	-9605 Jun 24 j 22:28	12°♉31'56	
	-9605 Jul 08 j 21:53	0°♊	
evening max el	-9605 Jul 09 j 13:45	0°♊40'18	24°09'17
retrograde	-9605 Jul 20 j 13:39	7°♊10'23	
evening set	-9605 Jul 25 j 23:24	4°♊50'22	
	-9605 Jul 30 j 04:11	30°℞♉	
min. Earth dist.	-9605 Jul 30 j 16:54	29°♉17'03	0.67138 AU
inferior conj	-9605 Jul 31 j 05:29	28°♉34'16	-1°39'30
minimum elong	-9605 Jul 31 j 07:28	28°♉27'33	1°38'20
morning rise	-9605 Aug 05 j 15:29	22°♉24'51	
asc. node	-9605 Aug 05 j 13:38	22°♉28'20	
direct	-9605 Aug 09 j 13:00	20°♉58'05	
morning max el	-9605 Aug 17 j 18:37	25°♉50'38	20°46'39
	-9605 Aug 21 j 09:58	0°♊	
	-9605 Sep 11 j 04:50	0°♋	
morning set	-9605 Sep 15 j 13:10	6°♋43'27	
desc. node	-9605 Sep 20 j 20:41	15°♋04'47	
max. Earth dist.	-9605 Sep 25 j 01:33	21°♋48'58	1.43101 AU
	-9605 Sep 30 j 01:26	0°♌	
superior conj	-9605 Oct 01 j 08:06	2°♌07'40	-1°01'04
minimum elong	-9605 Oct 01 j 03:08	1°♌46'56	1°00'00
evening rise	-9605 Oct 13 j 12:35	23°♌07'47	
	-9605 Oct 17 j 10:11	0°♍	
evening max el	-9605 Oct 30 j 13:50	19°♍51'01	18°08'19
asc. node	-9605 Nov 01 j 12:36	21°♍34'11	
retrograde	-9605 Nov 06 j 06:06	23°♍22'56	
evening set	-9605 Nov 08 j 21:20	22°♍49'17	
inferior conj	-9605 Nov 15 j 11:30	17°♍36'23	3°39'37
minimum elong	-9605 Nov 15 j 07:58	17°♍45'20	3°39'06
min. Earth dist.	-9605 Nov 18 j 03:43	14°♍54'04	0.62403 AU
morning rise	-9605 Nov 21 j 17:38	11°♍47'29	
direct	-9605 Nov 28 j 19:42	9°♍11'45	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9605 Dec 12 j 15:21	16°♍45'44	27°36'15
desc. node	-9605 Dec 17 j 21:47	22°♍28'27	
	-9605 Dec 23 j 17:48	0°♎	
	-9604 Jan 10 j 21:21	0°♏	
morning set	-9604 Jan 14 j 23:25	8°♏03'43	
max. Earth dist.	-9604 Jan 20 j 17:47	20°♏07'57	1.33095 AU
superior conj	-9604 Jan 22 j 08:41	23°♏37'35	-0°56'21
minimum elong	-9604 Jan 22 j 10:44	23°♏48'44	0°56'26
	-9604 Jan 25 j 07:15	0°♐	
asc. node	-9604 Jan 28 j 10:31	6°♐44'13	
evening rise	-9604 Jan 29 j 09:59	8°♐48'07	
	-9604 Feb 09 j 13:45	0°♑	
evening max el	-9604 Feb 23 j 04:13	17°♑52'05	24°09'50
retrograde	-9604 Mar 07 j 22:32	24°♑42'45	
evening set	-9604 Mar 12 j 03:55	24°♑02'55	
desc. node	-9604 Mar 14 j 22:15	22°♑57'24	
min. Earth dist.	-9604 Mar 18 j 17:12	20°♑51'11	0.56480 AU
inferior conj	-9604 Mar 21 j 01:40	19°♑22'45	-1°33'00
minimum elong	-9604 Mar 20 j 22:12	19°♑28'12	1°32'33
morning rise	-9604 Mar 29 j 19:31	15°♑16'22	
direct	-9604 Apr 01 j 01:12	15°♑02'59	
morning max el	-9604 Apr 10 j 19:58	19°♑38'38	19°41'33
	-9604 Apr 18 j 20:36	0°♒	
asc. node	-9604 Apr 25 j 09:56	11°♒45'49	
morning set	-9604 Apr 28 j 08:15	17°♒33'01	
	-9604 May 04 j 12:38	0°♓	
superior conj	-9604 May 06 j 11:17	3°♓51'55	1°29'10
minimum elong	-9604 May 06 j 08:20	3°♓37'20	1°28'32
max. Earth dist.	-9604 May 12 j 01:50	14°♓40'23	1.37188 AU
evening rise	-9604 May 16 j 02:05	22°♓02'24	
	-9604 May 20 j 15:03	0°♈	
	-9604 Jun 09 j 04:44	0°♉	
desc. node	-9604 Jun 10 j 19:53	2°♉10'25	
evening max el	-9604 Jun 20 j 23:32	14°♉04'08	25°26'27
retrograde	-9604 Jul 03 j 00:27	21°♉05'44	
evening set	-9604 Jul 09 j 00:47	18°♉28'55	
min. Earth dist.	-9604 Jul 13 j 09:02	13°♉33'30	0.66687 AU
inferior conj	-9604 Jul 14 j 09:26	12°♉13'43	-2°21'54
minimum elong	-9604 Jul 14 j 11:58	12°♉05'24	2°20'47
morning rise	-9604 Jul 19 j 23:11	6°♉14'00	
asc. node	-9604 Jul 22 j 10:34	5°♉09'08	
direct	-9604 Jul 23 j 10:55	5°♉03'14	
morning max el	-9604 Jul 30 j 20:27	9°♉20'29	19°41'29
	-9604 Aug 14 j 20:44	0°♊	
morning set	-9604 Aug 24 j 16:22	15°♊13'02	
	-9604 Sep 03 j 02:32	0°♋	
max. Earth dist.	-9604 Sep 06 j 14:45	5°♋33'30	1.44200 AU
desc. node	-9604 Sep 06 j 17:41	5°♋45'09	
superior conj	-9604 Sep 10 j 05:33	11°♋20'06	-0°21'12
minimum elong	-9604 Sep 10 j 03:10	11°♋10'32	0°20'18
	-9604 Sep 21 j 15:28	0°♌	
evening rise	-9604 Sep 24 j 10:37	4°♌40'46	
	-9604 Oct 10 j 08:37	0°♍	
evening max el	-9604 Oct 13 j 03:16	3°♍14'24	18°23'04
asc. node	-9604 Oct 18 j 09:52	6°♍42'35	
retrograde	-9604 Oct 19 j 18:04	6°♍52'16	
evening set	-9604 Oct 22 j 13:35	6°♍09'46	
inferior conj	-9604 Oct 28 j 17:59	0°♍38'50	2°59'13
minimum elong	-9604 Oct 28 j 14:25	0°♍48'55	2°58'33
	-9604 Oct 29 j 07:43	30°℞♌	
min. Earth dist.	-9604 Oct 30 j 20:59	28°♌15'26	0.63978 AU
morning rise	-9604 Nov 03 j 14:35	24°♌37'37	
direct	-9604 Nov 10 j 12:37	21°♌51'18	
morning max el	-9604 Nov 23 j 23:54	29°♌26'03	27°23'46
	-9604 Nov 24 j 13:35	0°♍	
desc. node	-9604 Dec 03 j 18:29	10°♍49'51	
	-9604 Dec 16 j 14:01	0°♎	
morning set	-9604 Dec 28 j 19:46	22°♎12'53	
	-9603 Jan 01 j 16:23	0°♏	
max. Earth dist.	-9603 Jan 02 j 20:55	2°♏27'50	1.33798 AU
superior conj	-9603 Jan 05 j 16:07	8°♏21'44	-1°15'05
minimum elong	-9603 Jan 05 j 18:28	8°♏34'13	1°15'05
evening rise	-9603 Jan 12 j 21:03	23°♏41'56	
asc. node	-9603 Jan 14 j 07:45	26°♏41'49	
	-9603 Jan 15 j 22:48	0°♐	
evening max el	-9603 Feb 03 j 22:23	28°♐43'35	22°36'00
	-9603 Feb 05 j 08:35	0°♑	
retrograde	-9603 Feb 16 j 19:35	4°♑55'55	
evening set	-9603 Feb 20 j 01:24	4°♑32'57	
min. Earth dist.	-9603 Feb 28 j 08:40	0°♑51'18	0.55542 AU
inferior conj	-9603 Mar 01 j 05:58	0°♑20'39	0°08'47
minimum elong	-9603 Mar 01 j 06:19	0°♑20'08	0°08'05
transit middle	-9603 Mar 01 j 06:19	0°♑20'08	0°08'05
transit begin	-9603 Mar 01 j 02:49	0°♑25'11	
transit end	-9603 Mar 01 j 09:50	0°♑15'05	
desc. node	-9603 Mar 01 j 19:20	0°♑01'27	
	-9603 Mar 01 j 20:20	30°℞♐	
morning rise	-9603 Mar 10 j 12:32	26°♐18'31	
direct	-9603 Mar 12 j 21:22	26°♐05'21	
	-9603 Mar 22 j 14:14	0°♑	
morning max el	-9603 Mar 24 j 08:02	1°♑31'25	20°54'00
	-9603 Apr 11 j 12:42	0°♒	
asc. node	-9603 Apr 12 j 06:50	1°♒32'05	
morning set	-9603 Apr 12 j 14:41	2°♒12'11	
superior conj	-9603 Apr 20 j 05:27	17°♒56'48	1°10'17
minimum elong	-9603 Apr 20 j 02:43	17°♒42'45	1°09'26
max. Earth dist.	-9603 Apr 24 j 10:55	26°♒27'33	1.35625 AU
	-9603 Apr 26 j 06:23	0°♓	
evening rise	-9603 Apr 28 j 21:11	4°♓59'31	
	-9603 May 13 j 10:43	0°♈	
desc. node	-9603 May 28 j 17:20	21°♈13'45	
evening max el	-9603 Jun 03 j 10:05	27°♈28'01	26°30'15
	-9603 Jun 06 j 04:24	0°♉	
retrograde	-9603 Jun 16 j 06:23	4°♉48'59	
evening set	-9603 Jun 22 j 19:32	2°♉02'20	
	-9603 Jun 24 j 21:32	30°℞♈	
min. Earth dist.	-9603 Jun 26 j 19:45	27°♈46'09	0.65872 AU
inferior conj	-9603 Jun 28 j 09:20	25°♈50'35	-2°57'49
minimum elong	-9603 Jun 28 j 12:00	25°♈42'22	2°57'00
morning rise	-9603 Jul 04 j 04:36	20°♈03'39	
direct	-9603 Jul 07 j 08:37	19°♈06'29	
asc. node	-9603 Jul 09 j 07:27	19°♈27'26	
morning max el	-9603 Jul 14 j 04:13	22°♈56'09	18°51'12
	-9603 Jul 19 j 19:57	0°♉	
morning set	-9603 Aug 04 j 12:18	24°♉31'15	
	-9603 Aug 07 j 22:27	0°♊	
superior conj	-9603 Aug 20 j 07:26	19°♊38'25	0°25'53
minimum elong	-9603 Aug 20 j 10:42	19°♊51'19	0°26'03
max. Earth dist.	-9603 Aug 20 j 07:29	19°♊38'38	1.44633 AU
desc. node	-9603 Aug 24 j 14:46	26°♊26'59	
	-9603 Aug 26 j 20:33	0°♋	
evening rise	-9603 Sep 05 j 07:34	15°♋04'56	
	-9603 Sep 14 j 15:25	0°♌	
evening max el	-9603 Sep 26 j 15:09	16°♌42'12	18°55'18
retrograde	-9603 Oct 03 j 11:36	20°♌34'44	
asc. node	-9603 Oct 05 j 07:04	20°♌15'59	
evening set	-9603 Oct 06 j 13:37	19°♌40'29	
inferior conj	-9603 Oct 12 j 09:53	13°♌54'23	2°11'36

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9603 Oct	12 j 07:00	14°♌03'13	2°11'04
min. Earth dist.	-9603 Oct	13 j 23:38	11°♌58'51	0.65247 AU
morning rise	-9603 Oct	17 j 24:00	7°♌43'50	
direct	-9603 Oct	24 j 11:41	5°♌00'01	
morning max el	-9603 Nov	06 j 09:48	12°♌27'16	26°41'03
desc. node	-9603 Nov	20 j 15:10	29°♌57'29	
	-9603 Nov	20 j 15:52	0°♍	
	-9603 Dec	09 j 03:17	0°♎	
morning set	-9603 Dec	12 j 04:59	5°♎43'26	
max. Earth dist.	-9603 Dec	16 j 13:55	14°♎14'32	1.34928 AU
superior conj	-9603 Dec	20 j 18:17	22°♎45'16	-1°30'12
minimum elong	-9603 Dec	20 j 20:26	22°♎56'19	1°30'11
	-9603 Dec	24 j 05:38	0°♏	
evening rise	-9603 Dec	28 j 06:17	8°♏24'44	
asc. node	-9602 Jan	01 j 05:01	16°♏22'27	
	-9602 Jan	08 j 23:10	0°♐	
evening max el	-9602 Jan	16 j 22:26	9°♐52'13	21°07'37
retrograde	-9602 Jan	28 j 09:35	15°♐16'45	
evening set	-9602 Jan	31 j 02:41	14°♐59'42	
inferior conj	-9602 Feb	09 j 02:43	11°♐00'47	1°56'17
minimum elong	-9602 Feb	09 j 07:25	10°♐54'04	1°54'22
min. Earth dist.	-9602 Feb	09 j 22:43	10°♐32'09	0.55459 AU
desc. node	-9602 Feb	16 j 16:17	7°♐17'33	
morning rise	-9602 Feb	18 j 11:20	6°♐47'53	
direct	-9602 Feb	21 j 11:37	6°♐27'55	
morning max el	-9602 Mar	06 j 08:59	12°♐43'49	22°22'46
	-9602 Mar	19 j 03:35	0°♑	
morning set	-9602 Mar	28 j 01:00	17°♑07'20	
asc. node	-9602 Mar	30 j 03:47	21°♑33'29	
	-9602 Apr	03 j 03:21	0°♒	
superior conj	-9602 Apr	04 j 07:28	2°♒28'31	0°48'29
minimum elong	-9602 Apr	04 j 05:26	2°♒17'50	0°47'36
max. Earth dist.	-9602 Apr	07 j 06:20	8°♒38'05	1.34395 AU
evening rise	-9602 Apr	12 j 06:58	18°♒43'45	
	-9602 Apr	18 j 07:18	0°♓	
	-9602 May	07 j 13:51	0°♈	
desc. node	-9602 May	15 j 14:43	9°♈27'25	
evening max el	-9602 May	16 j 21:07	10°♈43'38	27°12'24
retrograde	-9602 May	30 j 06:57	18°♈13'27	
evening set	-9602 Jun	06 j 04:59	15°♈27'20	
min. Earth dist.	-9602 Jun	09 j 22:52	11°♈48'23	0.64668 AU
inferior conj	-9602 Jun	12 j 02:54	9°♈21'24	-3°25'02
minimum elong	-9602 Jun	12 j 05:06	9°♈15'10	3°24'41
morning rise	-9602 Jun	18 j 05:40	3°♈50'17	
direct	-9602 Jun	21 j 03:47	3°♈04'30	
asc. node	-9602 Jun	26 j 04:17	5°♈13'22	
morning max el	-9602 Jun	27 j 16:16	6°♈35'39	18°17'39
	-9602 Jul	13 j 09:42	0°♉	
morning set	-9602 Jul	16 j 09:35	5°♉00'52	
superior conj	-9602 Jul	30 j 10:39	28°♉03'04	1°08'17
minimum elong	-9602 Jul	30 j 17:11	28°♉29'14	1°08'04
	-9602 Jul	31 j 15:52	0°♊	
max. Earth dist.	-9602 Aug	03 j 00:32	3°♊45'50	1.44348 AU
desc. node	-9602 Aug	11 j 11:57	17°♊07'26	
evening rise	-9602 Aug	16 j 02:12	24°♊17'55	
	-9602 Aug	19 j 18:11	0°♋	
greatest brilliancy	-9602 Aug	27 j 21:06	12°♋29'11	-0.7m
	-9602 Sep	09 j 18:52	0°♌	
evening max el	-9602 Sep	09 j 22:56	0°♌10'32	19°43'47
retrograde	-9602 Sep	17 j 07:56	4°♌26'39	
evening set	-9602 Sep	20 j 18:40	3°♌17'31	
asc. node	-9602 Sep	22 j 04:13	2°♌10'58	
	-9602 Sep	24 j 05:36	30°℞♋	
inferior conj	-9602 Sep	26 j 08:33	27°♋19'24	1°20'22
minimum elong	-9602 Sep	26 j 06:43	27°♋25'22	1°20'12
min. Earth dist.	-9602 Sep	27 j 10:09	25°♋55'57	0.66194 AU
morning rise	-9602 Oct	01 j 18:31	21°♋02'42	
direct	-9602 Oct	07 j 16:30	18°♋30'36	
morning max el	-9602 Oct	19 j 19:35	25°♋39'26	25°35'27
	-9602 Oct	23 j 19:57	0°♌	
desc. node	-9602 Nov	07 j 11:52	19°♌38'12	
	-9602 Nov	14 j 04:30	0°♍	
morning set	-9602 Nov	24 j 22:37	18°♍22'44	
max. Earth dist.	-9602 Nov	28 j 20:15	25°♍36'43	1.36484 AU
	-9602 Dec	01 j 03:13	0°♎	
superior conj	-9602 Dec	04 j 12:29	6°♎39'58	-1°40'14
minimum elong	-9602 Dec	04 j 13:45	6°♎46'17	1°40'10
evening rise	-9602 Dec	12 j 11:50	22°♎51'00	
	-9602 Dec	16 j 02:04	0°♏	
asc. node	-9602 Dec	19 j 02:17	5°♏39'27	
evening max el	-9602 Dec	30 j 07:53	21°♏31'56	19°53'30
retrograde	-9601 Jan	09 j 04:41	26°♏10'43	
evening set	-9601 Jan	11 j 17:27	25°♏53'45	
inferior conj	-9601 Jan	20 j 05:34	21°♏50'39	3°20'23
minimum elong	-9601 Jan	20 j 11:00	21°♏42'10	3°18'51
min. Earth dist.	-9601 Jan	22 j 12:16	20°♏25'37	0.56237 AU
morning rise	-9601 Jan	29 j 02:32	17°♏14'11	
direct	-9601 Feb	02 j 07:04	16°♏35'09	
desc. node	-9601 Feb	03 j 13:10	16°♏38'45	
morning max el	-9601 Feb	16 j 01:54	23°♏28'27	23°59'59
	-9601 Feb	21 j 21:43	0°♐	
	-9601 Mar	11 j 12:05	0°♑	
morning set	-9601 Mar	12 j 13:13	2°♑10'45	
asc. node	-9601 Mar	17 j 00:47	11°♑44'24	
superior conj	-9601 Mar	19 j 14:41	17°♑17'59	0°25'09
minimum elong	-9601 Mar	19 j 13:37	17°♑12'16	0°24'22
max. Earth dist.	-9601 Mar	21 j 10:50	21°♑14'14	1.33513 AU
	-9601 Mar	25 j 15:25	0°♒	
evening rise	-9601 Mar	27 j 03:05	3°♒00'50	
	-9601 Apr	11 j 03:14	0°♓	
evening max el	-9601 Apr	29 j 06:47	23°♓38'17	27°26'22
desc. node	-9601 May	02 j 12:04	26°♓30'04	
	-9601 May	08 j 00:27	0°♈	
retrograde	-9601 May	13 j 01:38	1°♈10'05	
	-9601 May	17 j 19:54	30°℞♓	
evening set	-9601 May	20 j 01:52	28°♓37'35	
min. Earth dist.	-9601 May	23 j 16:58	25°♓28'51	0.63079 AU
inferior conj	-9601 May	26 j 11:21	22°♓40'16	-3°40'21
minimum elong	-9601 May	26 j 12:20	22°♓37'46	3°40'27
morning rise	-9601 Jun	01 j 23:50	17°♓27'22	
direct	-9601 Jun	04 j 17:23	16°♓51'16	
morning max el	-9601 Jun	11 j 06:17	20°♓14'00	18°01'52
asc. node	-9601 Jun	13 j 01:07	22°♓10'49	
	-9601 Jun	18 j 13:31	0°♈	
morning set	-9601 Jun	28 j 07:08	16°♈38'38	
	-9601 Jul	06 j 00:02	0°♉	
superior conj	-9601 Jul	10 j 10:50	7°♉30'05	1°36'33
minimum elong	-9601 Jul	10 j 15:42	7°♉50'23	1°36'31
max. Earth dist.	-9601 Jul	16 j 14:10	17°♉34'21	1.43391 AU
	-9601 Jul	24 j 09:52	0°♊	
evening rise	-9601 Jul	26 j 04:01	2°♊44'23	
desc. node	-9601 Jul	29 j 09:13	7°♊42'52	
	-9601 Aug	13 j 07:49	0°♋	
evening max el	-9601 Aug	24 j 00:36	13°♋36'13	20°46'50
retrograde	-9601 Sep	01 j 04:46	18°♋24'33	
evening set	-9601 Sep	05 j 02:26	16°♋57'34	
asc. node	-9601 Sep	09 j 01:17	12°♋45'40	
inferior conj	-9601 Sep	10 j 11:40	10°♋50'45	0°28'01

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9601 Sep 10 j 11:02	10°♋52'56	0°28'19
min. Earth dist.	-9601 Sep 11 j 02:17	10°♋01'09	0.66829 AU
morning rise	-9601 Sep 15 j 19:27	4°♋31'22	
direct	-9601 Sep 21 j 02:42	2°♋16'11	
morning max el	-9601 Oct 02 j 05:11	8°♋54'41	24°15'51
	-9601 Oct 18 j 20:08	0°♌	
desc. node	-9601 Oct 25 j 08:38	9°♌42'27	
morning set	-9601 Nov 06 j 19:11	29°♌56'29	
	-9601 Nov 06 j 20:00	0°♍	
max. Earth dist.	-9601 Nov 10 j 19:11	6°♍58'13	1.38365 AU
superior conj	-9601 Nov 17 j 19:08	19°♍55'53	-1°43'14
minimum elong	-9601 Nov 17 j 18:45	19°♍54'06	1°43'03
	-9601 Nov 22 j 23:27	0°♎	
evening rise	-9601 Nov 26 j 11:33	6°♎54'51	
asc. node	-9601 Dec 05 j 23:34	24°♎24'54	
	-9601 Dec 09 j 19:18	0°♏	
evening max el	-9601 Dec 13 j 03:32	3°♏46'31	18°58'17
retrograde	-9601 Dec 21 j 14:43	7°♏49'54	
evening set	-9601 Dec 24 j 02:41	7°♏30'12	
inferior conj	-9600 Jan 01 j 00:51	3°♏11'33	4°05'38
minimum elong	-9600 Jan 01 j 03:26	3°♏06'55	4°05'09
min. Earth dist.	-9600 Jan 04 j 03:07	0°♏59'49	0.57690 AU
	-9600 Jan 05 j 15:27	30°℞♎	
morning rise	-9600 Jan 09 j 02:00	28°♎09'28	
direct	-9600 Jan 14 j 14:29	26°♎56'58	
desc. node	-9600 Jan 21 j 09:59	28°♎45'06	
	-9600 Jan 23 j 13:02	0°♏	
morning max el	-9600 Jan 28 j 16:57	4°♏11'33	25°32'25
	-9600 Feb 16 j 05:32	0°♐	
morning set	-9600 Feb 25 j 01:33	17°♐15'56	
	-9600 Mar 01 j 23:42	0°♑	
asc. node	-9600 Mar 02 j 21:50	2°♑00'30	
superior conj	-9600 Mar 03 j 01:05	2°♑18'11	0°01'21
minimum elong	-9600 Mar 03 j 01:03	2°♑17'59	0°00'46
behind sun begin	-9600 Mar 02 j 20:02	1°♑50'39	
behind sun end	-9600 Mar 03 j 06:04	2°♑45'18	
max. Earth dist.	-9600 Mar 03 j 21:33	4°♑09'25	1.32973 AU
evening rise	-9600 Mar 10 j 06:23	17°♑40'24	
	-9600 Mar 16 j 13:15	0°♒	
	-9600 Apr 04 j 23:56	0°♓	
evening max el	-9600 Apr 10 j 12:53	6°♓01'17	27°08'09
desc. node	-9600 Apr 18 j 09:20	11°♓53'12	
retrograde	-9600 Apr 24 j 13:35	13°♓30'09	
evening set	-9600 May 01 j 06:38	11°♓24'45	
min. Earth dist.	-9600 May 05 j 01:58	8°♓33'33	0.61188 AU
inferior conj	-9600 May 08 j 07:24	5°♓40'12	-3°39'04
minimum elong	-9600 May 08 j 06:25	5°♓42'27	3°39'19
morning rise	-9600 May 15 j 08:06	0°♓47'06	
direct	-9600 May 17 j 21:53	0°♓19'16	
morning max el	-9600 May 24 j 19:39	3°♓44'50	18°04'39
asc. node	-9600 May 29 j 21:57	10°♓04'43	
morning set	-9600 Jun 10 j 00:33	29°♓14'35	
	-9600 Jun 10 j 10:28	0°♈	
superior conj	-9600 Jun 20 j 14:21	18°♈18'29	1°48'53
minimum elong	-9600 Jun 20 j 15:42	18°♈24'25	1°48'58
	-9600 Jun 27 j 10:32	0°♉	
max. Earth dist.	-9600 Jun 27 j 22:02	0°♉47'53	1.41903 AU
evening rise	-9600 Jul 04 j 10:32	11°♉24'49	
desc. node	-9600 Jul 15 j 06:30	28°♉09'28	
	-9600 Jul 16 j 12:07	0°♊	
evening max el	-9600 Aug 05 j 19:27	26°♊58'31	22°01'20
	-9600 Aug 09 j 04:31	0°♋	
retrograde	-9600 Aug 15 j 00:12	2°♋25'34	
evening set	-9600 Aug 19 j 10:48	0°♋38'26	
	-9600 Aug 20 j 04:18	30°℞♊	
inferior conj	-9600 Aug 24 j 17:17	24°♊25'57	-0°23'36
minimum elong	-9600 Aug 24 j 17:47	24°♊24'13	0°22'51
min. Earth dist.	-9600 Aug 24 j 21:33	24°♊11'14	0.67180 AU
asc. node	-9600 Aug 25 j 22:21	22°♊46'15	
morning rise	-9600 Aug 30 j 00:38	18°♊07'35	
direct	-9600 Sep 03 j 17:39	16°♊11'24	
morning max el	-9600 Sep 13 j 16:15	22°♊09'55	22°51'11
	-9600 Sep 20 j 09:40	0°♋	
desc. node	-9600 Oct 11 j 05:26	0°♌02'28	
	-9600 Oct 11 j 04:48	0°♌	
morning set	-9600 Oct 17 j 13:33	10°♌11'31	
max. Earth dist.	-9600 Oct 22 j 17:20	18°♌48'56	1.40370 AU
	-9600 Oct 29 j 02:37	0°♍	
superior conj	-9600 Oct 30 j 09:26	2°♍19'04	-1°36'46
minimum elong	-9600 Oct 30 j 06:47	2°♍07'05	1°36'17
evening rise	-9600 Nov 09 j 02:35	20°♍28'14	
	-9600 Nov 14 j 04:52	0°♎	
asc. node	-9600 Nov 21 j 20:52	12°♎27'41	
evening max el	-9600 Nov 25 j 07:45	16°♎29'47	18°23'15
retrograde	-9600 Dec 02 j 18:32	20°♎11'13	
evening set	-9600 Dec 05 j 06:57	19°♎47'09	
inferior conj	-9600 Dec 12 j 15:38	15°♎07'36	4°14'41
minimum elong	-9600 Dec 12 j 14:49	15°♎09'18	4°14'34
min. Earth dist.	-9600 Dec 15 j 21:44	12°♎27'34	0.59515 AU
morning rise	-9600 Dec 19 j 20:59	9°♎44'35	
direct	-9600 Dec 26 j 09:46	7°♎53'13	
desc. node	-9599 Jan 07 j 06:46	13°♎18'01	
morning max el	-9599 Jan 09 j 11:43	15°♎17'51	26°45'20
	-9599 Jan 21 j 11:08	0°♏	
	-9599 Feb 07 j 10:02	0°♐	
morning set	-9599 Feb 08 j 12:13	2°♐15'26	
superior conj	-9599 Feb 15 j 12:51	17°♐21'52	-0°22'06
minimum elong	-9599 Feb 15 j 13:47	17°♐26'59	0°22'27
max. Earth dist.	-9599 Feb 15 j 10:59	17°♐11'44	1.32760 AU
asc. node	-9599 Feb 17 j 18:57	22°♐17'03	
	-9599 Feb 21 j 09:09	0°♑	
evening rise	-9599 Feb 22 j 14:19	2°♑33'05	
	-9599 Mar 09 j 14:09	0°♒	
evening max el	-9599 Mar 23 j 13:48	17°♒46'39	26°17'55
desc. node	-9599 Apr 05 j 06:34	25°♒02'04	
retrograde	-9599 Apr 06 j 16:58	25°♒07'12	
evening set	-9599 Apr 12 j 16:20	23°♒37'33	
min. Earth dist.	-9599 Apr 17 j 03:06	20°♒48'45	0.59180 AU
inferior conj	-9599 Apr 20 j 11:26	18°♒12'39	-3°14'32
minimum elong	-9599 Apr 20 j 08:14	18°♒18'55	3°14'28
morning rise	-9599 Apr 28 j 02:56	13°♒39'41	
direct	-9599 Apr 30 j 13:14	13°♒18'45	
morning max el	-9599 May 08 j 05:33	17°♒00'04	18°26'43
asc. node	-9599 May 16 j 18:49	28°♒42'12	
	-9599 May 17 j 12:56	0°♓	
morning set	-9599 May 24 j 09:06	12°♓37'50	
superior conj	-9599 Jun 02 j 18:14	0°♈20'54	1°48'07
minimum elong	-9599 Jun 02 j 16:52	0°♈14'36	1°48'01
	-9599 Jun 02 j 13:42	0°♈	
max. Earth dist.	-9599 Jun 10 j 00:42	13°♈20'29	1.40094 AU
evening rise	-9599 Jun 14 j 16:02	21°♈13'10	
	-9599 Jun 20 j 01:25	0°♉	
desc. node	-9599 Jul 02 j 03:52	18°♉22'50	
	-9599 Jul 10 j 14:00	0°♊	
evening max el	-9599 Jul 19 j 08:47	10°♊20'08	23°22'23
retrograde	-9599 Jul 29 j 16:54	16°♊27'41	
evening set	-9599 Aug 03 j 17:59	14°♊19'31	
inferior conj	-9599 Aug 08 j 23:38	8°♊04'12	-1°12'49

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9599 Aug 09 j 01:08	7°♊59'01	1°11'44
min. Earth dist.	-9599 Aug 08 j 17:26	8°♊25'30	0.67244 AU
asc. node	-9599 Aug 12 j 19:21	3°♊15'10	
morning rise	-9599 Aug 14 j 08:12	1°♊50'30	
direct	-9599 Aug 18 j 12:24	0°♊13'14	
morning max el	-9599 Aug 27 j 07:45	5°♊28'43	21°29'39
	-9599 Sep 14 j 16:36	0°♋	
morning set	-9599 Sep 27 j 05:53	19°♋12'48	
desc. node	-9599 Sep 28 j 02:19	20°♋33'32	
	-9599 Oct 03 j 23:11	0°♌	
max. Earth dist.	-9599 Oct 04 j 21:05	1°♌29'46	1.42223 AU
superior conj	-9599 Oct 12 j 01:43	13°♌35'20	-1°18'07
minimum elong	-9599 Oct 11 j 21:02	13°♌15'14	1°17'14
	-9599 Oct 21 j 08:29	0°♍	
evening rise	-9599 Oct 23 j 05:25	3°♍23'28	
evening max el	-9599 Nov 08 j 17:50	29°♍34'09	18°08'10
asc. node	-9599 Nov 08 j 18:09	29°♍34'56	
	-9599 Nov 09 j 04:30	0°♎	
retrograde	-9599 Nov 15 j 14:07	3°♎06'12	
evening set	-9599 Nov 18 j 04:01	2°♎36'24	
	-9599 Nov 22 j 08:03	30°℞♍	
inferior conj	-9599 Nov 25 j 00:29	27°♍35'04	3°57'31
minimum elong	-9599 Nov 24 j 21:31	27°♍42'05	3°57'12
min. Earth dist.	-9599 Nov 27 j 23:22	24°♍48'23	0.61398 AU
morning rise	-9599 Dec 01 j 13:53	21°♍54'58	
direct	-9599 Dec 08 j 14:31	19°♍31'52	
morning max el	-9599 Dec 22 j 12:50	27°♍02'12	27°27'41
desc. node	-9599 Dec 25 j 03:31	29°♍43'11	
	-9599 Dec 25 j 09:41	0°♎	
	-9598 Jan 14 j 22:52	0°♏	
morning set	-9598 Jan 23 j 19:16	17°♏02'15	
	-9598 Jan 29 j 21:59	0°♐	
max. Earth dist.	-9598 Jan 29 j 23:33	0°♐08'31	1.32878 AU
superior conj	-9598 Jan 31 j 00:18	2°♐22'59	-0°44'22
minimum elong	-9598 Jan 31 j 02:02	2°♐32'23	0°44'32
asc. node	-9598 Feb 04 j 16:06	12°♐29'54	
evening rise	-9598 Feb 07 j 00:51	17°♐31'32	
	-9598 Feb 13 j 06:36	0°♑	
evening max el	-9598 Mar 05 j 09:21	28°♑56'57	25°01'22
	-9598 Mar 06 j 12:45	0°♒	
retrograde	-9598 Mar 19 j 09:12	6°♒01'22	
desc. node	-9598 Mar 23 j 03:46	5°♒28'18	
evening set	-9598 Mar 24 j 06:49	5°♒06'03	
min. Earth dist.	-9598 Mar 29 j 22:26	2°♒06'12	0.57341 AU
inferior conj	-9598 Apr 01 j 20:18	0°♒08'43	-2°19'38
minimum elong	-9598 Apr 01 j 16:06	0°♒15'50	2°19'07
	-9598 Apr 02 j 01:27	30°℞♑	
morning rise	-9598 Apr 10 j 04:34	25°♑54'13	
direct	-9598 Apr 12 j 11:40	25°♑38'37	
morning max el	-9598 Apr 21 j 09:00	29°♑49'58	19°08'35
	-9598 Apr 21 j 13:13	0°♒	
asc. node	-9598 May 03 j 15:41	17°♒52'29	
morning set	-9598 May 08 j 04:36	26°♒37'20	
	-9598 May 09 j 21:36	0°♓	
superior conj	-9598 May 16 j 16:48	13°♓21'39	1°38'00
minimum elong	-9598 May 16 j 14:06	13°♓08'35	1°37'33
max. Earth dist.	-9598 May 23 j 01:28	25°♓17'45	1.38210 AU
	-9598 May 25 j 16:18	0°♈	
evening rise	-9598 May 27 j 00:49	2°♈23'09	
	-9598 Jun 13 j 05:32	0°♉	
desc. node	-9598 Jun 19 j 01:17	8°♉16'12	
evening max el	-9598 Jul 01 j 19:05	23°♉42'37	24°43'15
	-9598 Jul 10 j 15:21	0°♊	
retrograde	-9598 Jul 13 j 05:54	0°♊26'38	
	-9598 Jul 15 j 16:54	30°℞♉	
evening set	-9598 Jul 18 j 22:02	27°♉58'53	
min. Earth dist.	-9598 Jul 23 j 11:31	22°♉41'33	0.66992 AU
inferior conj	-9598 Jul 24 j 04:57	21°♉43'10	-1°58'09
minimum elong	-9598 Jul 24 j 07:13	21°♉35'35	1°56'58
morning rise	-9598 Jul 29 j 16:21	15°♉37'36	
asc. node	-9598 Jul 30 j 16:19	15°♉00'17	
direct	-9598 Aug 02 j 09:33	14°♉17'47	
morning max el	-9598 Aug 10 j 05:43	18°♉53'57	20°17'20
	-9598 Aug 19 j 00:16	0°♊	
morning set	-9598 Sep 06 j 07:57	27°♊37'09	
	-9598 Sep 07 j 20:41	0°♋	
desc. node	-9598 Sep 14 j 23:17	11°♋11'14	
max. Earth dist.	-9598 Sep 17 j 07:45	14°♋56'44	1.43652 AU
superior conj	-9598 Sep 22 j 14:52	23°♋31'55	-0°45'36
minimum elong	-9598 Sep 22 j 10:27	23°♋13'51	0°44'31
	-9598 Sep 26 j 12:44	0°♌	
evening rise	-9598 Oct 05 j 15:28	15°♌29'55	
	-9598 Oct 14 j 03:09	0°♍	
evening max el	-9598 Oct 23 j 06:49	12°♍51'52	18°12'19
asc. node	-9598 Oct 26 j 15:25	15°♍31'14	
retrograde	-9598 Oct 29 j 21:26	16°♍25'10	
evening set	-9598 Nov 01 j 14:18	15°♍47'57	
inferior conj	-9598 Nov 08 j 00:05	10°♍26'42	3°23'38
minimum elong	-9598 Nov 07 j 20:25	10°♍36'27	3°23'02
min. Earth dist.	-9598 Nov 10 j 10:40	7°♍51'20	0.63112 AU
morning rise	-9598 Nov 14 j 01:46	4°♍32'18	
direct	-9598 Nov 21 j 03:01	1°♍50'41	
morning max el	-9598 Dec 04 j 19:32	9°♍24'57	27°35'05
desc. node	-9598 Dec 12 j 00:14	17°♍29'10	
	-9598 Dec 21 j 00:08	0°♎	
	-9597 Jan 07 j 02:42	0°♏	
morning set	-9597 Jan 07 j 20:23	1°♏28'19	
max. Earth dist.	-9597 Jan 13 j 07:27	12°♏46'28	1.33348 AU
superior conj	-9597 Jan 15 j 09:46	17°♏15'26	-1°04'40
minimum elong	-9597 Jan 15 j 12:00	17°♏27'26	1°04'43
	-9597 Jan 21 j 07:59	0°♐	
evening rise	-9597 Jan 22 j 12:15	2°♐29'14	
asc. node	-9597 Jan 22 j 13:18	2°♐34'46	
	-9597 Feb 06 j 20:09	0°♑	
evening max el	-9597 Feb 15 j 02:24	9°♑48'19	23°29'56
retrograde	-9597 Feb 28 j 13:07	16°♑24'28	
evening set	-9597 Mar 04 j 07:43	15°♑53'09	
desc. node	-9597 Mar 10 j 00:52	13°♑24'53	
min. Earth dist.	-9597 Mar 11 j 14:34	12°♑30'33	0.55986 AU
inferior conj	-9597 Mar 13 j 09:45	11°♑25'58	-0°52'18
minimum elong	-9597 Mar 13 j 07:34	11°♑29'14	0°52'12
morning rise	-9597 Mar 22 j 09:56	7°♑23'28	
direct	-9597 Mar 24 j 16:02	7°♑10'43	
morning max el	-9597 Apr 04 j 03:23	12°♑06'19	20°10'11
	-9597 Apr 16 j 15:21	0°♒	
asc. node	-9597 Apr 20 j 12:34	7°♒27'54	
morning set	-9597 Apr 22 j 07:49	11°♒04'45	
superior conj	-9597 Apr 30 j 05:03	27°♒07'13	1°21'37
minimum elong	-9597 Apr 30 j 02:07	26°♒52'26	1°20'53
	-9597 May 01 j 15:40	0°♓	
max. Earth dist.	-9597 May 05 j 05:51	7°♓00'38	1.36482 AU
evening rise	-9597 May 09 j 09:04	14°♓45'57	
	-9597 May 18 j 02:49	0°♈	
desc. node	-9597 Jun 05 j 22:42	27°♈41'04	
	-9597 Jun 07 j 19:25	0°♉	
evening max el	-9597 Jun 14 j 04:57	7°♉06'30	25°55'39
retrograde	-9597 Jun 26 j 14:37	14°♉17'42	
evening set	-9597 Jul 02 j 20:54	11°♉35'19	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9597 Jul 07 j 01:29	6°♉56'55	0.66390 AU
inferior conj	-9597 Jul 08 j 07:24	5°♉21'24	-2°38'02
minimum elong	-9597 Jul 08 j 10:04	5°♉12'54	2°37'01
	-9597 Jul 13 j 04:47	30°℞♈	
morning rise	-9597 Jul 13 j 23:18	29°♈27'03	
direct	-9597 Jul 17 j 07:31	28°♈22'26	
asc. node	-9597 Jul 17 j 13:13	28°♈22'45	
	-9597 Jul 21 j 15:28	0°♉	
morning max el	-9597 Jul 24 j 10:18	2°♉26'39	19°18'13
	-9597 Aug 12 j 15:11	0°♊	
morning set	-9597 Aug 16 j 16:24	6°♊22'33	
max. Earth dist.	-9597 Aug 30 j 23:04	28°♊53'02	1.44471 AU
	-9597 Aug 31 j 15:58	0°♋	
desc. node	-9597 Sep 01 j 20:19	1°♋52'26	
superior conj	-9597 Sep 02 j 02:04	2°♋15'19	-0°01'28
minimum elong	-9597 Sep 02 j 01:57	2°♋14'49	0°00'52
behind sun begin	-9597 Sep 01 j 14:41	1°♋30'06	
behind sun end	-9597 Sep 02 j 13:12	2°♋59'35	
evening rise	-9597 Sep 17 j 03:25	26°♋35'14	
	-9597 Sep 19 j 05:11	0°♌	
evening max el	-9597 Oct 06 j 19:49	26°♌17'17	18°34'39
	-9597 Oct 13 j 03:39	0°♍	
retrograde	-9597 Oct 13 j 12:18	0°♍00'43	
asc. node	-9597 Oct 13 j 12:38	0°♍00'43	
	-9597 Oct 13 j 20:56	30°℞♌	
evening set	-9597 Oct 16 j 10:14	29°♌13'38	
inferior conj	-9597 Oct 22 j 10:58	23°♌35'38	2°39'41
minimum elong	-9597 Oct 22 j 07:37	23°♌45'26	2°39'03
min. Earth dist.	-9597 Oct 24 j 08:10	21°♌23'20	0.64552 AU
morning rise	-9597 Oct 28 j 04:27	17°♌29'48	
direct	-9597 Nov 03 j 22:27	14°♌43'21	
morning max el	-9597 Nov 17 j 05:11	22°♌16'34	27°09'00
	-9597 Nov 24 j 02:56	0°♍	
desc. node	-9597 Nov 28 j 20:54	6°♍12'07	
	-9597 Dec 14 j 03:51	0°♎	
morning set	-9597 Dec 22 j 12:30	15°♎22'53	
max. Earth dist.	-9597 Dec 27 j 06:46	24°♎53'29	1.34223 AU
	-9597 Dec 29 j 17:57	0°♏	
superior conj	-9597 Dec 30 j 15:14	1°♏51'40	-1°22'02
minimum elong	-9597 Dec 30 j 17:34	2°♏03'55	1°22'00
evening rise	-9596 Jan 06 j 22:45	17°♏19'08	
asc. node	-9596 Jan 09 j 10:32	22°♏25'59	
	-9596 Jan 13 j 08:06	0°♐	
evening max el	-9596 Jan 27 j 22:18	20°♐44'13	21°57'05
retrograde	-9596 Feb 09 j 06:34	26°♐37'35	
evening set	-9596 Feb 12 j 05:28	26°♐18'11	
inferior conj	-9596 Feb 21 j 09:18	22°♐13'21	0°55'28
minimum elong	-9596 Feb 21 j 11:43	22°♐09'55	0°54'07
min. Earth dist.	-9596 Feb 21 j 05:22	22°♐18'57	0.55393 AU
desc. node	-9596 Feb 24 j 21:53	20°♐17'30	
morning rise	-9596 Mar 01 j 18:27	18°♐08'45	
direct	-9596 Mar 04 j 07:45	17°♐54'01	
morning max el	-9596 Mar 16 j 10:48	23°♐42'09	21°30'07
	-9596 Mar 21 j 23:01	0°♑	
morning set	-9596 Apr 05 j 16:08	25°♑51'25	
asc. node	-9596 Apr 06 j 09:29	27°♑21'10	
	-9596 Apr 07 j 15:59	0°♒	
superior conj	-9596 Apr 13 j 02:56	11°♒24'49	1°01'18
minimum elong	-9596 Apr 13 j 00:27	11°♒11'56	1°00'26
max. Earth dist.	-9596 Apr 16 j 18:54	18°♒54'41	1.35055 AU
evening rise	-9596 Apr 21 j 11:00	28°♒04'44	
	-9596 Apr 22 j 11:17	0°♓	
	-9596 May 10 j 08:17	0°♈	
desc. node	-9596 May 22 j 20:06	16°♈25'10	
evening max el	-9596 May 26 j 15:36	20°♈27'10	26°51'13
retrograde	-9596 Jun 08 j 18:32	27°♈53'54	
evening set	-9596 Jun 15 j 12:04	25°♈05'42	
min. Earth dist.	-9596 Jun 19 j 09:11	21°♈05'59	0.65404 AU
inferior conj	-9596 Jun 21 j 04:54	18°♈55'54	-3°10'36
minimum elong	-9596 Jun 21 j 07:27	18°♈48'17	3°09'59
morning rise	-9596 Jun 27 j 03:07	13°♈15'32	
direct	-9596 Jun 30 j 04:19	12°♈23'38	
asc. node	-9596 Jul 03 j 10:04	13°♈19'47	
morning max el	-9596 Jul 06 j 20:12	16°♈04'34	18°34'49
	-9596 Jul 16 j 23:24	0°♉	
morning set	-9596 Jul 26 j 22:42	16°♉09'44	
	-9596 Aug 04 j 11:55	0°♊	
superior conj	-9596 Aug 11 j 01:38	10°♊28'17	0°45'10
minimum elong	-9596 Aug 11 j 06:53	10°♊49'07	0°45'04
max. Earth dist.	-9596 Aug 12 j 15:53	12°♊59'43	1.44589 AU
desc. node	-9596 Aug 18 j 17:27	22°♊34'10	
	-9596 Aug 23 j 10:32	0°♋	
evening rise	-9596 Aug 27 j 12:52	6°♋28'17	
	-9596 Sep 11 j 16:23	0°♌	
evening max el	-9596 Sep 19 j 06:14	9°♌45'55	19°14'03
retrograde	-9596 Sep 26 j 07:24	13°♌47'46	
asc. node	-9596 Sep 29 j 09:49	12°♌52'11	
evening set	-9596 Sep 29 j 12:43	12°♌47'46	
inferior conj	-9596 Oct 05 j 06:04	6°♌56'16	1°50'13
minimum elong	-9596 Oct 05 j 03:37	7°♌04'03	1°49'48
min. Earth dist.	-9596 Oct 06 j 14:35	5°♌13'45	0.65681 AU
morning rise	-9596 Oct 10 j 18:07	0°♌42'28	
	-9596 Oct 11 j 15:13	30°℞♋	
direct	-9596 Oct 17 j 00:14	28°♋02'29	
	-9596 Oct 23 j 00:31	0°♌	
morning max el	-9596 Oct 29 j 15:14	5°♌24'19	26°15'28
desc. node	-9596 Nov 14 j 17:36	25°♌35'34	
	-9596 Nov 17 j 16:54	0°♍	
morning set	-9596 Dec 04 j 15:45	28°♍34'03	
	-9596 Dec 05 j 10:07	0°♎	
max. Earth dist.	-9596 Dec 08 j 18:54	6°♎27'11	1.35537 AU
superior conj	-9596 Dec 13 j 14:24	16°♎04'25	-1°35'12
minimum elong	-9596 Dec 13 j 16:16	16°♎13'53	1°35'09
	-9596 Dec 20 j 08:10	0°♏	
evening rise	-9596 Dec 21 j 06:39	1°♏55'42	
asc. node	-9596 Dec 26 j 07:47	11°♏57'32	
	-9595 Jan 07 j 01:07	0°♐	
evening max el	-9595 Jan 09 j 02:10	2°♐05'34	20°34'01
retrograde	-9595 Jan 19 j 21:10	7°♐09'36	
evening set	-9595 Jan 22 j 11:29	6°♐53'14	
inferior conj	-9595 Jan 31 j 07:05	2°♐54'43	2°36'10
minimum elong	-9595 Jan 31 j 12:38	2°♐46'31	2°34'12
min. Earth dist.	-9595 Feb 01 j 19:29	2°♐01'09	0.55693 AU
	-9595 Feb 05 j 13:14	30°℞♏	
morning rise	-9595 Feb 09 j 12:12	28°♏32'16	
desc. node	-9595 Feb 10 j 18:48	28°♏16'33	
direct	-9595 Feb 12 j 23:14	28°♏05'56	
	-9595 Feb 20 j 01:30	0°♐	
morning max el	-9595 Feb 26 j 07:47	4°♐40'32	23°03'36
	-9595 Mar 15 j 17:44	0°♑	
morning set	-9595 Mar 21 j 03:27	10°♑50'27	
asc. node	-9595 Mar 24 j 06:27	17°♑26'55	
superior conj	-9595 Mar 28 j 07:27	26°♑04'53	0°38'42
minimum elong	-9595 Mar 28 j 05:48	25°♑56'11	0°37'51
	-9595 Mar 30 j 03:54	0°♒	
max. Earth dist.	-9595 Mar 30 j 18:14	1°♒15'11	1.33981 AU
evening rise	-9595 Apr 05 j 01:39	12°♒04'27	
	-9595 Apr 14 j 18:25	0°♓	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9595 May 05 j 15:57	0°♈	
evening max el	-9595 May 09 j 02:20	3°♈35'13	27°22'10
desc. node	-9595 May 09 j 17:27	4°♈11'24	
retrograde	-9595 May 22 j 16:50	11°♈06'59	
evening set	-9595 May 29 j 16:35	8°♈25'10	
min. Earth dist.	-9595 Jun 02 j 08:45	4°♈59'57	0.64030 AU
inferior conj	-9595 Jun 04 j 18:57	2°♈22'14	-3°33'17
minimum elong	-9595 Jun 04 j 20:44	2°♈17'23	3°33'09
	-9595 Jun 07 j 01:23	30°℞♓	
morning rise	-9595 Jun 11 j 01:33	26°♓58'23	
direct	-9595 Jun 13 j 21:30	26°♓17'01	
asc. node	-9595 Jun 20 j 06:55	29°♓37'40	
morning max el	-9595 Jun 20 j 09:20	29°♓43'40	18°08'38
	-9595 Jun 20 j 15:46	0°♈	
morning set	-9595 Jul 08 j 06:43	27°♈08'53	
	-9595 Jul 09 j 22:53	0°♉	
superior conj	-9595 Jul 21 j 12:00	19°♉14'04	1°22'17
minimum elong	-9595 Jul 21 j 18:18	19°♉39'43	1°22'07
max. Earth dist.	-9595 Jul 26 j 07:21	26°♉59'06	1.44012 AU
	-9595 Jul 28 j 04:46	0°♊	
desc. node	-9595 Aug 05 j 14:40	13°♊12'43	
evening rise	-9595 Aug 06 j 22:11	15°♊15'07	
	-9595 Aug 16 j 12:42	0°♋	
evening max el	-9595 Sep 02 j 11:38	23°♋13'24	20°09'06
retrograde	-9595 Sep 10 j 04:03	27°♋42'03	
evening set	-9595 Sep 13 j 19:10	26°♋25'47	
asc. node	-9595 Sep 16 j 06:57	24°♋08'39	
inferior conj	-9595 Sep 19 j 06:52	20°♋23'54	0°58'12
minimum elong	-9595 Sep 19 j 05:32	20°♋28'19	0°58'13
min. Earth dist.	-9595 Sep 20 j 03:46	19°♋14'27	0.66500 AU
morning rise	-9595 Sep 24 j 15:40	14°♋05'41	
direct	-9595 Sep 30 j 07:32	11°♋40'01	
morning max el	-9595 Oct 12 j 00:32	18°♋37'15	25°02'45
	-9595 Oct 21 j 16:27	0°♌	
desc. node	-9595 Nov 01 j 14:20	15°♌27'10	
	-9595 Nov 10 j 18:31	0°♍	
morning set	-9595 Nov 17 j 01:05	10°♍46'56	
max. Earth dist.	-9595 Nov 20 j 20:59	17°♍43'19	1.37254 AU
superior conj	-9595 Nov 27 j 04:11	29°♍44'04	-1°42'30
minimum elong	-9595 Nov 27 j 04:51	29°♍47'20	1°42'25
	-9595 Nov 27 j 07:26	0°♎	
evening rise	-9595 Dec 05 j 09:59	16°♎12'51	
	-9595 Dec 12 j 14:54	0°♏	
asc. node	-9595 Dec 13 j 05:04	1°♏02'04	
evening max el	-9595 Dec 22 j 16:07	14°♏00'40	19°27'36
retrograde	-9595 Dec 31 j 21:21	18°♏22'13	
evening set	-9594 Jan 03 j 09:44	18°♏04'13	
inferior conj	-9594 Jan 11 j 16:00	13°♏55'44	3°44'28
minimum elong	-9594 Jan 11 j 20:30	13°♏48'20	3°43'24
min. Earth dist.	-9594 Jan 14 j 09:15	12°♏09'03	0.56796 AU
morning rise	-9594 Jan 20 j 05:03	9°♏08'17	
direct	-9594 Jan 24 j 23:49	8°♏16'13	
desc. node	-9594 Jan 28 j 15:38	8°♏47'14	
morning max el	-9594 Feb 07 j 22:50	15°♏20'05	24°40'41
	-9594 Feb 19 j 14:21	0°♐	
morning set	-9594 Mar 05 j 15:57	25°♐55'29	
	-9594 Mar 07 j 14:06	0°♑	
asc. node	-9594 Mar 11 j 03:29	7°♑40'34	
superior conj	-9594 Mar 12 j 16:16	10°♑59'50	0°15'04
minimum elong	-9594 Mar 12 j 15:38	10°♑56'26	0°14'22
behind sun begin	-9594 Mar 12 j 13:33	10°♑45'06	
behind sun end	-9594 Mar 12 j 17:44	11°♑07'46	
max. Earth dist.	-9594 Mar 14 j 01:56	14°♑01'29	1.33249 AU
evening rise	-9594 Mar 20 j 01:13	26°♑32'47	
	-9594 Mar 21 j 18:32	0°♒	
	-9594 Apr 08 j 04:37	0°♓	
evening max el	-9594 Apr 21 j 11:05	16°♓19'00	27°22'44
desc. node	-9594 Apr 26 j 14:46	20°♓36'15	
retrograde	-9594 May 05 j 08:43	23°♓49'15	
evening set	-9594 May 12 j 07:04	21°♓27'10	
min. Earth dist.	-9594 May 15 j 23:03	18°♓27'27	0.62304 AU
inferior conj	-9594 May 18 j 22:38	15°♓34'47	-3°42'15
minimum elong	-9594 May 18 j 22:51	15°♓34'15	3°42'28
morning rise	-9594 May 25 j 15:57	10°♓29'50	
direct	-9594 May 28 j 07:55	9°♓57'16	
morning max el	-9594 Jun 03 j 23:23	13°♓19'47	18°00'42
asc. node	-9594 Jun 07 j 03:46	17°♓01'07	
	-9594 Jun 15 j 08:39	0°♈	
morning set	-9594 Jun 20 j 13:26	9°♈13'41	
superior conj	-9594 Jul 01 j 23:47	29°♈15'32	1°43'37
minimum elong	-9594 Jul 02 j 03:11	29°♈29'58	1°43'41
	-9594 Jul 02 j 10:16	0°♉	
max. Earth dist.	-9594 Jul 08 j 19:12	10°♉36'18	1.42817 AU
evening rise	-9594 Jul 16 j 23:16	23°♉40'11	
	-9594 Jul 21 j 01:07	0°♊	
desc. node	-9594 Jul 23 j 11:56	3°♊45'06	
	-9594 Aug 10 j 18:23	0°♋	
evening max el	-9594 Aug 16 j 10:32	6°♋38'02	21°17'22
retrograde	-9594 Aug 25 j 00:22	11°♋41'36	
evening set	-9594 Aug 29 j 03:25	10°♋06'09	
inferior conj	-9594 Sep 03 j 11:16	3°♋56'43	0°05'53
minimum elong	-9594 Sep 03 j 11:07	3°♋57'13	0°06'25
transit middle	-9594 Sep 03 j 11:07	3°♋57'13	0°06'25
transit begin	-9594 Sep 03 j 08:37	4°♋05'46	
transit end	-9594 Sep 03 j 13:37	3°♋48'40	
asc. node	-9594 Sep 03 j 04:03	4°♋21'26	
min. Earth dist.	-9594 Sep 03 j 21:25	3°♋21'56	0.67020 AU
	-9594 Sep 06 j 11:28	30°℞♊	
morning rise	-9594 Sep 08 j 18:41	27°♊37'36	
direct	-9594 Sep 13 j 19:50	25°♊30'24	
	-9594 Sep 22 j 11:49	0°♋	
morning max el	-9594 Sep 24 j 10:21	1°♋51'53	23°39'56
	-9594 Oct 15 j 18:19	0°♌	
desc. node	-9594 Oct 19 j 11:07	5°♌38'45	
morning set	-9594 Oct 29 j 10:54	21°♌47'20	
max. Earth dist.	-9594 Nov 02 j 19:01	29°♌14'49	1.39224 AU
	-9594 Nov 03 j 05:18	0°♍	
superior conj	-9594 Nov 10 j 04:31	12°♍39'07	-1°41'49
minimum elong	-9594 Nov 10 j 03:14	12°♍33'06	1°41'32
evening rise	-9594 Nov 19 j 06:21	0°♎04'28	
	-9594 Nov 19 j 05:26	0°♎	
asc. node	-9594 Nov 30 j 02:23	19°♎30'38	
evening max el	-9594 Dec 05 j 15:40	26°♎27'55	18°40'52
	-9594 Dec 11 j 06:06	0°♏	
retrograde	-9594 Dec 13 j 15:05	0°♏20'23	
evening set	-9594 Dec 16 j 03:15	29°♎58'51	
	-9594 Dec 16 j 01:35	30°℞♎	
inferior conj	-9594 Dec 23 j 19:30	25°♎31'16	4°13'22
minimum elong	-9594 Dec 23 j 20:33	25°♎29'15	4°13'08
min. Earth dist.	-9594 Dec 27 j 00:57	23°♎05'14	0.58442 AU
morning rise	-9594 Dec 31 j 11:56	20°♎19'56	
direct	-9593 Jan 06 j 12:07	18°♎51'05	
desc. node	-9593 Jan 15 j 12:28	21°♎59'40	
morning max el	-9593 Jan 20 j 14:51	26°♎09'57	26°06'44
	-9593 Jan 24 j 06:21	0°♏	
	-9593 Feb 12 j 16:43	0°♐	
morning set	-9593 Feb 18 j 03:49	10°♐59'18	
superior conj	-9593 Feb 25 j 03:26	26°♐02'10	-0°08'42

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9593 Feb 25 j 03:49	26°♐04'17	0°09'11
behind sun begin	-9593 Feb 24 j 23:44	25°♐41'56	
behind sun end	-9593 Feb 25 j 07:55	26°♐26'38	
max. Earth dist.	-9593 Feb 25 j 14:29	27°♐02'29	1.32845 AU
asc. node	-9593 Feb 26 j 00:33	27°♐57'17	
	-9593 Feb 26 j 23:06	0°♑	
evening rise	-9593 Mar 04 j 06:46	11°♑19'00	
	-9593 Mar 14 j 00:44	0°♒	
evening max el	-9593 Apr 03 j 15:09	28°♒26'30	26°50'27
	-9593 Apr 05 j 07:55	0°♓	
desc. node	-9593 Apr 13 j 12:03	5°♓07'10	
retrograde	-9593 Apr 17 j 16:56	5°♓51'57	
evening set	-9593 Apr 24 j 03:58	4°♓01'03	
min. Earth dist.	-9593 Apr 28 j 04:15	1°♓13'02	0.60339 AU
	-9593 Apr 29 j 15:29	30°℞♒	
inferior conj	-9593 May 01 j 12:20	28°♒24'19	-3°31'57
minimum elong	-9593 May 01 j 10:22	28°♒28'29	3°32'08
morning rise	-9593 May 08 j 19:01	23°♒39'53	
direct	-9593 May 11 j 07:28	23°♒15'01	
morning max el	-9593 May 18 j 11:38	26°♒45'10	18°11'41
	-9593 May 21 j 09:01	0°♓	
asc. node	-9593 May 25 j 00:36	5°♓14'55	
morning set	-9593 Jun 03 j 13:52	22°♓11'19	
	-9593 Jun 07 j 18:29	0°♈	
superior conj	-9593 Jun 13 j 14:21	10°♈37'24	1°49'57
minimum elong	-9593 Jun 13 j 14:23	10°♈37'34	1°49'59
max. Earth dist.	-9593 Jun 21 j 01:11	23°♈34'47	1.41163 AU
	-9593 Jun 24 j 21:41	0°♉	
evening rise	-9593 Jun 26 j 14:07	2°♉44'59	
desc. node	-9593 Jul 10 j 09:17	24°♉06'52	
	-9593 Jul 14 j 10:25	0°♊	
evening max el	-9593 Jul 30 j 02:44	19°♊59'21	22°35'17
retrograde	-9593 Aug 08 j 18:49	25°♊43'40	
evening set	-9593 Aug 13 j 11:33	23°♊47'18	
inferior conj	-9593 Aug 18 j 17:25	17°♊33'10	-0°44'54
minimum elong	-9593 Aug 18 j 18:22	17°♊29'53	0°43'58
min. Earth dist.	-9593 Aug 18 j 17:11	17°♊33'58	0.67246 AU
asc. node	-9593 Aug 21 j 01:05	14°♊26'33	
morning rise	-9593 Aug 24 j 01:06	11°♊16'34	
direct	-9593 Aug 28 j 12:23	9°♊28'49	
morning max el	-9593 Sep 06 j 23:10	15°♊08'48	22°15'46
	-9593 Sep 18 j 20:19	0°♋	
desc. node	-9593 Oct 06 j 07:59	26°♋04'15	
	-9593 Oct 08 j 19:26	0°♌	
morning set	-9593 Oct 09 j 17:41	1°♌29'11	
max. Earth dist.	-9593 Oct 15 j 19:30	11°♌27'41	1.41190 AU
superior conj	-9593 Oct 23 j 10:11	24°♌35'37	-1°30'29
minimum elong	-9593 Oct 23 j 06:33	24°♌19'31	1°29'51
	-9593 Oct 26 j 10:32	0°♍	
evening rise	-9593 Nov 02 j 16:44	13°♍23'15	
	-9593 Nov 11 j 23:31	0°♎	
asc. node	-9593 Nov 16 j 23:42	7°♎11'53	
evening max el	-9593 Nov 18 j 22:41	9°♎21'08	18°14'26
retrograde	-9593 Nov 26 j 02:21	12°♎57'38	
evening set	-9593 Nov 28 j 15:07	12°♎31'24	
inferior conj	-9593 Dec 05 j 18:24	7°♎42'19	4°10'01
minimum elong	-9593 Dec 05 j 16:29	7°♎46'33	4°09'52
min. Earth dist.	-9593 Dec 08 j 22:17	4°♎56'56	0.60314 AU
morning rise	-9593 Dec 12 j 16:22	2°♎11'21	
direct	-9593 Dec 19 j 11:28	0°♎05'21	
desc. node	-9592 Jan 02 j 09:14	7°♎25'07	
morning max el	-9592 Jan 02 j 12:33	7°♎33'04	27°07'39
	-9592 Jan 19 j 14:05	0°♏	
morning set	-9592 Feb 02 j 13:15	25°♏55'12	
	-9592 Feb 04 j 11:57	0°♐	

max. Earth dist.	-9592 Feb 09 j 04:06	10°♐05'01	1.32766 AU
superior conj	-9592 Feb 09 j 15:17	11°♐06'05	-0°31'43
minimum elong	-9592 Feb 09 j 16:35	11°♐13'10	0°32'00
asc. node	-9592 Feb 12 j 21:41	18°♐13'14	
evening rise	-9592 Feb 16 j 16:03	26°♐15'21	
	-9592 Feb 18 j 11:31	0°♑	
	-9592 Mar 07 j 00:33	0°♒	
evening max el	-9592 Mar 15 j 13:23	9°♒55'17	25°47'54
retrograde	-9592 Mar 29 j 16:03	17°♒10'55	
desc. node	-9592 Mar 30 j 09:15	17°♒09'40	
evening set	-9592 Apr 04 j 05:18	15°♒56'20	
min. Earth dist.	-9592 Apr 09 j 02:28	13°♒04'25	0.58362 AU
inferior conj	-9592 Apr 12 j 08:28	10°♒42'03	-2°55'16
minimum elong	-9592 Apr 12 j 04:35	10°♒49'13	2°54'59
morning rise	-9592 Apr 20 j 07:01	6°♒17'48	
direct	-9592 Apr 22 j 15:51	5°♒59'25	
morning max el	-9592 Apr 30 j 19:14	9°♒51'24	18°42'06
asc. node	-9592 May 10 j 21:26	24°♒07'24	
	-9592 May 14 j 02:13	0°♓	
morning set	-9592 May 17 j 03:28	5°♓50'57	
superior conj	-9592 May 26 j 02:54	23°♓06'52	1°44'47
minimum elong	-9592 May 26 j 00:48	22°♓57'01	1°44'32
	-9592 May 29 j 20:13	0°♈	
max. Earth dist.	-9592 Jun 02 j 02:02	5°♈49'03	1.39287 AU
evening rise	-9592 Jun 06 j 07:19	13°♈07'56	
	-9592 Jun 16 j 16:45	0°♉	
desc. node	-9592 Jun 26 j 06:40	14°♉12'42	
	-9592 Jul 08 j 11:26	0°♊	
evening max el	-9592 Jul 11 j 14:12	3°♊20'19	23°57'13
retrograde	-9592 Jul 22 j 10:12	9°♊45'01	
evening set	-9592 Jul 27 j 17:39	7°♊28'02	
inferior conj	-9592 Aug 01 j 23:32	1°♊11'58	-1°32'38
minimum elong	-9592 Aug 02 j 01:24	1°♊05'36	1°31'29
min. Earth dist.	-9592 Aug 01 j 12:38	1°♊49'10	0.67173 AU
	-9592 Aug 02 j 20:45	30°℞♉	
asc. node	-9592 Aug 06 j 22:04	25°♉23'18	
morning rise	-9592 Aug 07 j 09:06	25°♉01'16	
direct	-9592 Aug 11 j 08:16	23°♉31'52	
morning max el	-9592 Aug 19 j 17:21	28°♉30'24	20°57'26
	-9592 Aug 21 j 02:40	0°♊	
	-9592 Sep 11 j 12:00	0°♋	
morning set	-9592 Sep 18 j 01:43	10°♋08'19	
desc. node	-9592 Sep 22 j 04:54	16°♋38'39	
max. Earth dist.	-9592 Sep 27 j 01:49	24°♋27'51	1.42887 AU
	-9592 Sep 30 j 10:55	0°♌	
superior conj	-9592 Oct 03 j 15:18	5°♌18'29	-1°06'01
minimum elong	-9592 Oct 03 j 10:18	4°♌57'28	1°04'58
evening rise	-9592 Oct 15 j 13:03	25°♌59'05	
	-9592 Oct 17 j 19:17	0°♍	
evening max el	-9592 Nov 01 j 10:19	22°♍31'49	18°07'42
asc. node	-9592 Nov 02 j 21:00	23°♍50'59	
retrograde	-9592 Nov 08 j 03:22	26°♍03'25	
evening set	-9592 Nov 10 j 18:11	25°♍30'51	
inferior conj	-9592 Nov 17 j 09:57	20°♍21'01	3°44'45
minimum elong	-9592 Nov 17 j 06:32	20°♍29'32	3°44'17
min. Earth dist.	-9592 Nov 20 j 04:04	17°♍36'55	0.62149 AU
morning rise	-9592 Nov 23 j 17:50	14°♍34'19	
direct	-9592 Nov 30 j 19:53	12°♍01'15	
morning max el	-9592 Dec 14 j 16:19	19°♍34'37	27°35'08
desc. node	-9592 Dec 19 j 05:57	24°♍27'55	
	-9592 Dec 23 j 16:42	0°♎	
	-9591 Jan 11 j 08:43	0°♏	
morning set	-9591 Jan 16 j 18:05	10°♏34'18	
max. Earth dist.	-9591 Jan 22 j 14:57	22°♏54'21	1.33026 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9591 Jan 24 j 02:06	26°♏04'18	-0°53'17	
minimum elong	-9591 Jan 24 j 04:05	26°♏15'03	0°53'23	
	-9591 Jan 25 j 21:32	0°♐		
asc. node	-9591 Jan 29 j 18:52	8°♐23'19		
evening rise	-9591 Jan 31 j 03:07	11°♐13'56		
	-9591 Feb 09 j 20:16	0°♑		
evening max el	-9591 Feb 25 j 07:17	20°♑54'52	24°23'32	
retrograde	-9591 Mar 11 j 03:34	27°♑49'33		
evening set	-9591 Mar 15 j 12:58	27°♑06'11		
desc. node	-9591 Mar 17 j 06:22	26°♑26'59		
min. Earth dist.	-9591 Mar 21 j 20:25	23°♑57'48	0.56684 AU	
inferior conj	-9591 Mar 24 j 08:49	22°♑21'31	-1°46'17	
minimum elong	-9591 Mar 24 j 05:03	22°♑27'33	1°45'47	
morning rise	-9591 Apr 02 j 00:14	18°♑13'10		
direct	-9591 Apr 04 j 06:08	17°♑59'19		
morning max el	-9591 Apr 13 j 19:10	22°♑28'25	19°32'21	
	-9591 Apr 19 j 23:12	0°♒		
asc. node	-9591 Apr 27 j 18:18	13°♒29'18		
morning set	-9591 May 01 j 02:34	20°♒03'13		
	-9591 May 06 j 01:33	0°♓		
superior conj	-9591 May 09 j 07:49	6°♓28'22	1°31'39	
minimum elong	-9591 May 09 j 04:54	6°♓14'01	1°31'05	
max. Earth dist.	-9591 May 15 j 03:09	17°♓35'20	1.37446 AU	
evening rise	-9591 May 19 j 02:47	24°♓51'16		
	-9591 May 22 j 01:05	0°♈		
	-9591 Jun 10 j 06:49	0°♉		
desc. node	-9591 Jun 13 j 04:04	3°♉55'27		
evening max el	-9591 Jun 24 j 00:06	16°♉44'10	25°15'39	
retrograde	-9591 Jul 05 j 21:33	23°♉41'30		
evening set	-9591 Jul 11 j 19:45	21°♉06'58		
min. Earth dist.	-9591 Jul 16 j 05:22	16°♉05'44	0.66776 AU	
inferior conj	-9591 Jul 17 j 03:53	14°♉51'36	-2°15'50	
minimum elong	-9591 Jul 17 j 06:22	14°♉43'25	2°14'43	
morning rise	-9591 Jul 22 j 16:58	8°♉50'09		
asc. node	-9591 Jul 24 j 18:58	7°♉49'21		
direct	-9591 Jul 26 j 06:04	7°♉37'04		
morning max el	-9591 Aug 02 j 18:08	11°♉59'00	19°50'19	
	-9591 Aug 16 j 02:21	0°♊		
morning set	-9591 Aug 28 j 03:55	18°♊34'42		
	-9591 Sep 04 j 11:01	0°♋		
desc. node	-9591 Sep 09 j 01:55	7°♋18'40		
max. Earth dist.	-9591 Sep 09 j 14:25	8°♋08'23	1.44083 AU	
superior conj	-9591 Sep 13 j 16:42	14°♋42'09	-0°27'55	
minimum elong	-9591 Sep 13 j 13:39	14°♋29'50	0°26'58	
	-9591 Sep 23 j 00:34	0°♌		
evening rise	-9591 Sep 27 j 14:22	7°♌41'07		
	-9591 Oct 11 j 06:33	0°♍		
evening max el	-9591 Oct 15 j 23:43	5°♍53'54	18°19'40	
asc. node	-9591 Oct 20 j 18:14	9°♍12'18		
retrograde	-9591 Oct 22 j 14:10	9°♍30'06		
evening set	-9591 Oct 25 j 08:57	8°♍49'00		
inferior conj	-9591 Oct 31 j 14:43	3°♍20'32	3°05'53	
minimum elong	-9591 Oct 31 j 11:05	3°♍30'36	3°05'13	
min. Earth dist.	-9591 Nov 02 j 19:41	0°♍53'44	0.63769 AU	
	-9591 Nov 03 j 15:56	30°℞♌		
morning rise	-9591 Nov 06 j 12:32	27°♌21'04		
direct	-9591 Nov 13 j 11:41	24°♌35'31		
	-9591 Nov 24 j 15:56	0°♍		
morning max el	-9591 Nov 27 j 00:20	2°♍10'06	27°27'40	
desc. node	-9591 Dec 06 j 02:40	12°♍40'28		
	-9591 Dec 17 j 21:33	0°♎		
morning set	-9591 Dec 31 j 15:43	24°♎47'41		
	-9590 Jan 03 j 05:47	0°♏		
max. Earth dist.	-9590 Jan 05 j 19:19	5°♏18'30	1.33668 AU	

superior conj	-9590 Jan 08 j 10:06	10°♏50'31	-1°12'29	
minimum elong	-9590 Jan 08 j 12:26	11°♏02'57	1°12'28	
evening rise	-9590 Jan 15 j 14:17	26°♏08'39		
asc. node	-9590 Jan 16 j 16:05	28°♏22'54		
	-9590 Jan 17 j 10:58	0°♐		
	-9590 Feb 05 j 06:47	0°♑		
evening max el	-9590 Feb 07 j 00:59	1°♑45'27	22°49'54	
retrograde	-9590 Feb 20 j 02:03	8°♑04'10		
evening set	-9590 Feb 23 j 10:53	7°♑39'25		
min. Earth dist.	-9590 Mar 03 j 11:57	4°♑03'18	0.55629 AU	
desc. node	-9590 Mar 04 j 03:25	3°♑40'56		
inferior conj	-9590 Mar 04 j 15:12	3°♑23'50	-0°07'44	
minimum elong	-9590 Mar 04 j 14:50	3°♑24'22	0°08'11	
transit middle	-9590 Mar 04 j 14:50	3°♑24'22	0°08'11	
transit begin	-9590 Mar 04 j 11:21	3°♑29'25		
transit end	-9590 Mar 04 j 18:19	3°♑19'19		
	-9590 Mar 11 j 11:22	30°℞♐		
morning rise	-9590 Mar 13 j 20:24	29°♐22'06		
direct	-9590 Mar 16 j 04:15	29°♐09'11		
	-9590 Mar 20 j 16:04	0°♑		
morning max el	-9590 Mar 27 j 08:51	4°♑27'11	20°42'06	
	-9590 Apr 13 j 00:44	0°♒		
asc. node	-9590 Apr 14 j 15:11	3°♒13'01		
morning set	-9590 Apr 15 j 08:14	4°♒39'44		
superior conj	-9590 Apr 23 j 00:32	20°♒28'29	1°13'22	
minimum elong	-9590 Apr 22 j 21:43	20°♒14'08	1°12'33	
max. Earth dist.	-9590 Apr 27 j 11:00	29°♒21'15	1.35837 AU	
	-9590 Apr 27 j 18:56	0°♓		
evening rise	-9590 May 01 j 19:13	7°♓39'59		
	-9590 May 14 j 17:43	0°♈		
desc. node	-9590 May 31 j 01:27	23°♈04'47		
	-9590 Jun 06 j 07:03	0°♉		
evening max el	-9590 Jun 06 j 10:28	0°♉08'25	26°21'55	
retrograde	-9590 Jun 19 j 04:07	7°♉26'55		
evening set	-9590 Jun 25 j 15:37	4°♉41'06		
min. Earth dist.	-9590 Jun 29 j 16:57	0°♉19'12	0.66021 AU	
	-9590 Jun 29 j 23:11	30°℞♈		
inferior conj	-9590 Jul 01 j 04:29	28°♈28'49	-2°52'52	
minimum elong	-9590 Jul 01 j 07:10	28°♈20'28	2°52'01	
morning rise	-9590 Jul 06 j 22:49	22°♈39'53		
direct	-9590 Jul 10 j 03:55	21°♈40'48		
asc. node	-9590 Jul 11 j 15:50	21°♈53'13		
morning max el	-9590 Jul 17 j 01:05	25°♈33'49	18°57'41	
	-9590 Jul 20 j 19:03	0°♉		
morning set	-9590 Aug 07 j 20:28	27°♉43'27		
	-9590 Aug 09 j 06:44	0°♊		
superior conj	-9590 Aug 23 j 20:19	23°♊04'58	0°18'48	
minimum elong	-9590 Aug 23 j 22:44	23°♊14'31	0°19'02	
max. Earth dist.	-9590 Aug 23 j 07:01	22°♊12'25	1.44617 AU	
desc. node	-9590 Aug 26 j 23:00	28°♊00'31		
	-9590 Aug 28 j 05:08	0°♋		
evening rise	-9590 Sep 08 j 15:16	18°♋16'16		
	-9590 Sep 15 j 21:49	0°♌		
evening max el	-9590 Sep 29 j 11:58	19°♌21'20	18°49'24	
retrograde	-9590 Oct 06 j 07:08	23°♌11'13		
asc. node	-9590 Oct 07 j 15:25	23°♌00'55		
evening set	-9590 Oct 09 j 08:02	22°♌18'50		
inferior conj	-9590 Oct 15 j 05:24	16°♌34'38	2°19'09	
minimum elong	-9590 Oct 15 j 02:23	16°♌43'48	2°18'33	
min. Earth dist.	-9590 Oct 16 j 21:01	14°♌34'44	0.65079 AU	
morning rise	-9590 Oct 20 j 20:18	10°♌25'17		
direct	-9590 Oct 27 j 09:44	7°♌40'34		
morning max el	-9590 Nov 09 j 10:15	15°♌09'26	26°49'07	
	-9590 Nov 21 j 18:00	0°♍		
desc. node	-9590 Nov 22 j 23:23	1°♍42'29		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9590 Dec 10 j 14:06	0°♎	
morning set	-9590 Dec 15 j 02:53	8°♎25'13	
max. Earth dist.	-9590 Dec 19 j 14:10	17°♎11'23	1.34731 AU
	-9590 Dec 23 j 13:13	25°♎17'54	-1°28'14
superior conj			
minimum elong	-9590 Dec 23 j 15:26	25°♎29'23	1°28'11
	-9590 Dec 25 j 19:10	0°♏	
evening rise	-9590 Dec 30 j 23:55	10°♏53'58	
asc. node	-9589 Jan 03 j 13:20	18°♏06'49	
	-9589 Jan 10 j 02:23	0°♐	
evening max el	-9589 Jan 19 j 23:49	12°♐50'29	21°20'01
retrograde	-9589 Jan 31 j 16:37	18°♐22'40	
evening set	-9589 Feb 03 j 10:58	18°♐05'11	
inferior conj	-9589 Feb 12 j 12:16	14°♐05'16	1°40'53
minimum elong	-9589 Feb 12 j 16:27	13°♐59'18	1°39'04
min. Earth dist.	-9589 Feb 13 j 02:06	13°♐45'33	0.55411 AU
desc. node	-9589 Feb 19 j 00:23	10°♐47'01	
morning rise	-9589 Feb 21 j 21:30	9°♐55'11	
direct	-9589 Feb 24 j 18:28	9°♐36'57	
morning max el	-9589 Mar 09 j 11:27	15°♐45'48	22°08'47
	-9589 Mar 20 j 09:28	0°♑	
morning set	-9589 Mar 30 j 18:07	19°♑33'21	
asc. node	-9589 Apr 01 j 12:08	23°♑12'48	
	-9589 Apr 04 j 17:13	0°♒	
superior conj	-9589 Apr 07 j 01:36	4°♒57'15	0°51'55
minimum elong	-9589 Apr 06 j 23:26	4°♒45'56	0°51'02
max. Earth dist.	-9589 Apr 10 j 04:52	11°♒27'56	1.34555 AU
evening rise	-9589 Apr 15 j 03:08	21°♒18'22	
	-9589 Apr 19 j 17:57	0°♓	
	-9589 May 08 j 13:28	0°♈	
desc. node	-9589 May 17 j 22:48	11°♈27'02	
evening max el	-9589 May 19 j 21:26	13°♈25'45	27°07'42
retrograde	-9589 Jun 02 j 05:31	20°♈54'55	
evening set	-9589 Jun 09 j 02:39	18°♈07'44	
min. Earth dist.	-9589 Jun 12 j 21:15	14°♈23'42	0.64877 AU
inferior conj	-9589 Jun 14 j 23:09	12°♈00'46	-3°21'38
minimum elong	-9589 Jun 15 j 01:28	11°♈54'06	3°21'13
morning rise	-9589 Jun 21 j 00:41	6°♈27'15	
direct	-9589 Jun 23 j 23:34	5°♈39'58	
asc. node	-9589 Jun 28 j 12:41	7°♈26'57	
morning max el	-9589 Jun 30 j 12:40	9°♈13'12	18°21'30
	-9589 Jul 14 j 17:52	0°♉	
morning set	-9589 Jul 19 j 13:48	8°♉01'51	
	-9589 Aug 02 j 00:44	0°♊	
superior conj	-9589 Aug 02 j 21:47	1°♊24'09	1°02'40
minimum elong	-9589 Aug 03 j 04:09	1°♊49'37	1°02'27
max. Earth dist.	-9589 Aug 06 j 00:10	6°♊20'12	1.44433 AU
desc. node	-9589 Aug 13 j 20:08	18°♊41'13	
evening rise	-9589 Aug 19 j 13:30	27°♊38'53	
	-9589 Aug 21 j 01:38	0°♋	
greatest brilliancy	-9589 Aug 30 j 14:59	14°♋48'04	-0.7m
	-9589 Sep 10 j 08:21	0°♌	
evening max el	-9589 Sep 12 j 20:27	2°♌49'42	19°35'39
retrograde	-9589 Sep 20 j 03:16	7°♌01'59	
evening set	-9589 Sep 23 j 12:31	5°♌55'19	
asc. node	-9589 Sep 24 j 12:35	5°♌10'24	
inferior conj	-9589 Sep 29 j 03:13	29°♋58'44	1°28'16
minimum elong	-9589 Sep 29 j 01:13	0°♌05'12	1°28'02
	-9589 Sep 29 j 02:50	30°℞♋	
min. Earth dist.	-9589 Sep 30 j 06:33	28°♋30'19	0.66067 AU
morning rise	-9589 Oct 04 j 13:39	23°♋42'36	
direct	-9589 Oct 10 j 13:43	21°♋08'21	
morning max el	-9589 Oct 22 j 20:13	28°♋21'10	25°46'23
	-9589 Oct 24 j 10:29	0°♌	
desc. node	-9589 Nov 09 j 20:07	21°♌19'13	

	-9589 Nov 15 j 12:03	0°♍	
morning set	-9589 Nov 27 j 23:11	21°♍13'29	
max. Earth dist.	-9589 Dec 01 j 22:01	28°♍36'28	1.36225 AU
	-9589 Dec 02 j 15:27	0°♎	
superior conj	-9589 Dec 07 j 08:48	9°♎17'44	-1°39'08
minimum elong	-9589 Dec 07 j 10:15	9°♎25'00	1°39'05
evening rise	-9589 Dec 15 j 06:10	25°♎23'20	
	-9589 Dec 17 j 13:10	0°♏	
asc. node	-9589 Dec 21 j 10:38	7°♏28'12	
evening max el	-9588 Jan 02 j 07:46	24°♏25'23	20°03'26
retrograde	-9588 Jan 12 j 10:22	29°♏10'35	
evening set	-9588 Jan 14 j 23:17	28°♏53'56	
inferior conj	-9588 Jan 23 j 13:26	24°♏52'22	3°10'02
minimum elong	-9588 Jan 23 j 19:02	24°♏43'46	3°08'20
min. Earth dist.	-9588 Jan 25 j 15:48	23°♏35'18	0.56070 AU
morning rise	-9588 Feb 01 j 12:50	20°♏19'37	
direct	-9588 Feb 05 j 12:31	19°♏44'26	
desc. node	-9588 Feb 05 j 21:18	19°♏44'44	
morning max el	-9588 Feb 19 j 05:19	26°♏33'35	23°45'25
	-9588 Feb 22 j 11:54	0°♐	
	-9588 Mar 12 j 00:42	0°♑	
morning set	-9588 Mar 14 j 06:11	4°♑35'56	
asc. node	-9588 Mar 18 j 09:09	13°♑22'38	
superior conj	-9588 Mar 21 j 08:13	19°♑44'44	0°28'45
minimum elong	-9588 Mar 21 j 07:00	19°♑38'12	0°27'57
max. Earth dist.	-9588 Mar 23 j 08:03	23°♑59'53	1.33623 AU
	-9588 Mar 26 j 04:49	0°♒	
evening rise	-9588 Mar 28 j 21:59	5°♒31'23	
	-9588 Apr 11 j 09:40	0°♓	
evening max el	-9588 May 01 j 07:23	26°♓24'10	27°26'15
desc. node	-9588 May 03 j 20:07	28°♓42'04	
	-9588 May 05 j 11:07	0°♈	
retrograde	-9588 May 15 j 01:18	3°♈56'26	
evening set	-9588 May 22 j 01:40	1°♈20'57	
	-9588 May 23 j 17:37	30°℞♓	
min. Earth dist.	-9588 May 25 j 16:49	28°♓08'21	0.63336 AU
inferior conj	-9588 May 28 j 09:11	25°♓22'00	-3°39'06
minimum elong	-9588 May 28 j 10:24	25°♓18'50	3°39'07
morning rise	-9588 Jun 03 j 20:05	20°♓06'17	
direct	-9588 Jun 06 j 14:10	19°♓28'56	
morning max el	-9588 Jun 13 j 02:36	22°♓52'24	18°03'02
asc. node	-9588 Jun 14 j 09:32	24°♓14'52	
	-9588 Jun 18 j 16:56	0°♈	
morning set	-9588 Jun 30 j 08:04	19°♈30'25	
	-9588 Jul 06 j 09:52	0°♉	
superior conj	-9588 Jul 12 j 18:11	10°♉40'25	1°33'20
minimum elong	-9588 Jul 12 j 23:32	11°♉02'30	1°33'17
max. Earth dist.	-9588 Jul 18 j 14:15	20°♉11'58	1.43569 AU
	-9588 Jul 24 j 18:07	0°♊	
evening rise	-9588 Jul 28 j 16:41	6°♊09'22	
desc. node	-9588 Jul 30 j 17:21	9°♊17'43	
	-9588 Aug 13 j 11:11	0°♋	
evening max el	-9588 Aug 25 j 23:08	16°♋16'08	20°36'40
retrograde	-9588 Sep 03 j 00:09	20°♋59'19	
evening set	-9588 Sep 06 j 20:00	19°♋35'16	
asc. node	-9588 Sep 10 j 09:42	15°♋55'05	
inferior conj	-9588 Sep 12 j 05:50	13°♋29'36	0°35'55
minimum elong	-9588 Sep 12 j 05:01	13°♋32'24	0°36'10
min. Earth dist.	-9588 Sep 12 j 22:04	12°♋34'45	0.66751 AU
morning rise	-9588 Sep 17 j 13:49	7°♋10'20	
direct	-9588 Sep 22 j 23:17	4°♋52'16	
morning max el	-9588 Oct 04 j 05:42	11°♋36'14	24°28'13
	-9588 Oct 18 j 23:53	0°♌	
desc. node	-9588 Oct 26 j 16:53	11°♌20'33	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9588 Nov 07 j 05:54	0°♍	
morning set	-9588 Nov 08 j 23:15	2°♍58'01	
max. Earth dist.	-9588 Nov 12 j 21:25	9°♍54'57	1.38070 AU
superior conj	-9588 Nov 19 j 17:27	22°♍40'13	-1°43'20
minimum elong	-9588 Nov 19 j 17:22	22°♍39'51	1°43'12
	-9588 Nov 23 j 11:41	0°♎	
evening rise	-9588 Nov 28 j 06:55	9°♎30'50	
asc. node	-9588 Dec 07 j 07:56	26°♎19'03	
	-9588 Dec 09 j 16:34	0°♏	
evening max el	-9588 Dec 15 j 02:01	6°♏35'06	19°05'15
retrograde	-9588 Dec 23 j 17:35	10°♏42'40	
evening set	-9588 Dec 26 j 05:36	10°♏23'29	
inferior conj	-9587 Jan 03 j 05:52	6°♏07'47	4°01'17
minimum elong	-9587 Jan 03 j 09:00	6°♏02'19	4°00'40
min. Earth dist.	-9587 Jan 06 j 06:25	4°♏01'53	0.57447 AU
morning rise	-9587 Jan 11 j 10:09	1°♏09'15	
direct	-9587 Jan 16 j 18:15	0°♏02'14	
desc. node	-9587 Jan 22 j 18:11	1°♏26'06	
morning max el	-9587 Jan 30 j 20:07	7°♏14'39	25°19'30
	-9587 Feb 16 j 13:34	0°♐	
morning set	-9587 Feb 26 j 18:36	19°♐40'57	
	-9587 Mar 03 j 14:07	0°♑	
asc. node	-9587 Mar 05 j 06:12	3°♑38'01	
superior conj	-9587 Mar 05 j 18:16	4°♑43'33	0°04'59
minimum elong	-9587 Mar 05 j 18:04	4°♑42'32	0°04'21
behind sun begin	-9587 Mar 05 j 13:12	4°♑16'03	
behind sun end	-9587 Mar 05 j 22:57	5°♑09'00	
max. Earth dist.	-9587 Mar 06 j 17:59	6°♑52'18	1.33035 AU
evening rise	-9587 Mar 13 j 00:23	20°♑08'07	
	-9587 Mar 18 j 00:13	0°♒	
	-9587 Apr 05 j 18:12	0°♓	
evening max el	-9587 Apr 13 j 14:15	8°♓52'45	27°13'00
desc. node	-9587 Apr 20 j 17:27	14°♓22'27	
retrograde	-9587 Apr 27 j 14:24	16°♓22'15	
evening set	-9587 May 04 j 09:04	14°♓12'17	
min. Earth dist.	-9587 May 08 j 03:14	11°♓19'17	0.61478 AU
inferior conj	-9587 May 11 j 07:19	8°♓25'27	-3°40'42
minimum elong	-9587 May 11 j 06:40	8°♓26'58	3°40'56
morning rise	-9587 May 18 j 06:01	3°♓29'12	
direct	-9587 May 20 j 20:19	3°♓00'12	
morning max el	-9587 May 27 j 16:14	6°♓24'46	18°03'02
asc. node	-9587 Jun 01 j 06:23	12°♓01'09	
	-9587 Jun 11 j 20:48	0°♈	
morning set	-9587 Jun 12 j 22:55	1°♈58'50	
superior conj	-9587 Jun 23 j 17:44	21°♈16'55	1°47'57
minimum elong	-9587 Jun 23 j 19:36	21°♈25'04	1°48'03
	-9587 Jun 28 j 20:15	0°♉	
max. Earth dist.	-9587 Jun 30 j 23:06	3°♉31'50	1.42150 AU
evening rise	-9587 Jul 07 j 21:08	14°♉44'07	
desc. node	-9587 Jul 17 j 14:39	29°♉46'06	
	-9587 Jul 17 j 18:20	0°♊	
evening max el	-9587 Aug 08 j 19:04	29°♊39'24	21°49'41
	-9587 Aug 09 j 03:16	0°♋	
retrograde	-9587 Aug 17 j 19:51	5°♋00'08	
evening set	-9587 Aug 22 j 04:25	3°♋16'11	
	-9587 Aug 25 j 06:48	30°℞♊	
inferior conj	-9587 Aug 27 j 11:12	27°♊04'29	-0°15'56
minimum elong	-9587 Aug 27 j 11:33	27°♊03'20	0°15'12
transit middle	-9587 Aug 27 j 11:33	27°♊03'20	0°15'12
transit begin	-9587 Aug 27 j 10:32	27°♊06'49	
transit end	-9587 Aug 27 j 12:33	26°♊59'50	
min. Earth dist.	-9587 Aug 27 j 17:01	26°♊44'26	0.67150 AU
asc. node	-9587 Aug 28 j 06:47	25°♊57'08	
morning rise	-9587 Sep 01 j 18:31	20°♊45'47	

direct	-9587 Sep 06 j 13:39	18°♊46'38	
morning max el	-9587 Sep 16 j 16:18	24°♊51'09	23°03'44
	-9587 Sep 21 j 06:16	0°♋	
	-9587 Oct 12 j 12:20	0°♌	
desc. node	-9587 Oct 13 j 13:41	1°♌38'34	
morning set	-9587 Oct 20 j 21:40	13°♌24'48	
max. Earth dist.	-9587 Oct 25 j 19:13	21°♌39'33	1.40078 AU
	-9587 Oct 30 j 13:28	0°♍	
superior conj	-9587 Nov 02 j 10:31	5°♍12'12	-1°38'29
minimum elong	-9587 Nov 02 j 08:14	5°♍01'46	1°38'04
evening rise	-9587 Nov 11 j 23:24	23°♍09'01	
	-9587 Nov 15 j 14:16	0°♎	
asc. node	-9587 Nov 24 j 05:14	14°♎28'59	
evening max el	-9587 Nov 28 j 05:06	19°♎14'34	18°27'11
retrograde	-9587 Dec 05 j 18:45	22°♎58'17	
evening set	-9587 Dec 08 j 07:09	22°♎34'51	
inferior conj	-9587 Dec 15 j 17:45	17°♎58'29	4°15'13
minimum elong	-9587 Dec 15 j 17:23	17°♎59'14	4°15'06
min. Earth dist.	-9587 Dec 19 j 00:07	15°♎21'24	0.59235 AU
morning rise	-9587 Dec 23 j 01:52	12°♎38'28	
direct	-9587 Dec 29 j 11:53	10°♎52'45	
desc. node	-9586 Jan 09 j 15:00	15°♎39'03	
morning max el	-9586 Jan 12 j 14:00	18°♎15'54	26°36'16
	-9586 Jan 22 j 11:10	0°♏	
	-9586 Feb 08 j 22:47	0°♐	
morning set	-9586 Feb 11 j 05:39	4°♐41'58	
superior conj	-9586 Feb 18 j 05:55	19°♐47'19	-0°18'36
minimum elong	-9586 Feb 18 j 06:43	19°♐51'40	0°19'00
max. Earth dist.	-9586 Feb 18 j 07:22	19°♐55'13	1.32772 AU
asc. node	-9586 Feb 20 j 03:19	23°♐54'58	
	-9586 Feb 22 j 22:57	0°♑	
evening rise	-9586 Feb 25 j 07:47	4°♑59'44	
	-9586 Mar 10 j 18:46	0°♒	
evening max el	-9586 Mar 26 j 16:08	20°♒44'32	26°27'19
desc. node	-9586 Apr 07 j 14:43	27°♒54'22	
retrograde	-9586 Apr 09 j 19:03	28°♒06'17	
evening set	-9586 Apr 15 j 21:44	26°♒31'09	
min. Earth dist.	-9586 Apr 20 j 05:24	23°♒43'00	0.59477 AU
inferior conj	-9586 Apr 23 j 14:01	21°♒03'02	-3°20'05
minimum elong	-9586 Apr 23 j 11:07	21°♒08'51	3°20'07
morning rise	-9586 May 01 j 03:07	16°♒27'01	
direct	-9586 May 03 j 14:01	16°♒05'04	
morning max el	-9586 May 11 j 02:49	19°♒43'03	18°22'12
	-9586 May 18 j 19:17	0°♓	
asc. node	-9586 May 19 j 03:12	0°♓32'51	
morning set	-9586 May 27 j 05:30	15°♓16'05	
	-9586 Jun 04 j 01:08	0°♈	
superior conj	-9586 Jun 05 j 18:20	3°♈09'25	1°48'56
minimum elong	-9586 Jun 05 j 17:17	3°♈04'38	1°48'52
max. Earth dist.	-9586 Jun 13 j 02:44	16°♈12'01	1.40376 AU
evening rise	-9586 Jun 17 j 22:38	24°♈20'44	
	-9586 Jun 21 j 09:50	0°♉	
desc. node	-9586 Jul 04 j 12:00	20°♉02'03	
	-9586 Jul 11 j 14:25	0°♊	
evening max el	-9586 Jul 22 j 09:08	13°♊01'11	23°10'06
retrograde	-9586 Aug 01 j 12:59	19°♊02'32	
evening set	-9586 Aug 06 j 11:54	16°♊57'22	
inferior conj	-9586 Aug 11 j 17:33	10°♊42'21	-1°05'35
minimum elong	-9586 Aug 11 j 18:55	10°♊37'39	1°04'32
min. Earth dist.	-9586 Aug 11 j 12:55	10°♊58'20	0.67259 AU
asc. node	-9586 Aug 15 j 03:47	6°♊18'12	
morning rise	-9586 Aug 17 j 01:51	4°♊27'53	
direct	-9586 Aug 21 j 07:52	2°♊47'54	
morning max el	-9586 Aug 30 j 07:01	8°♊09'24	21°41'19

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9586 Sep 15 j 21:50	0°♋	
desc. node	-9586 Sep 30 j 10:32	22°♋08'17	
morning set	-9586 Sep 30 j 17:26	22°♋35'35	
	-9586 Oct 05 j 08:15	0°♌	
max. Earth dist.	-9586 Oct 07 j 22:09	4°♌13'36	1.41972 AU
superior conj	-9586 Oct 15 j 06:26	16°♌39'21	-1°21'50
minimum elong	-9586 Oct 15 j 01:59	16°♌20'02	1°20'59
	-9586 Oct 22 j 18:52	0°♍	
evening rise	-9586 Oct 26 j 04:18	6°♍10'37	
	-9586 Nov 09 j 13:36	0°♎	
asc. node	-9586 Nov 11 j 02:32	1°♎45'35	
evening max el	-9586 Nov 11 j 14:27	2°♎16'09	18°09'10
retrograde	-9586 Nov 18 j 12:20	5°♎49'00	
evening set	-9586 Nov 21 j 01:55	5°♎20'09	
inferior conj	-9586 Nov 28 j 00:05	0°♎21'48	4°01'24
minimum elong	-9586 Nov 27 j 21:20	0°♎28'10	4°01'07
	-9586 Nov 28 j 09:27	30°℞♍	
min. Earth dist.	-9586 Dec 01 j 00:25	27°♍34'57	0.61121 AU
morning rise	-9586 Dec 04 j 15:34	24°♍44'01	
direct	-9586 Dec 11 j 15:08	22°♍25'03	
morning max el	-9586 Dec 25 j 14:12	29°♍54'33	27°23'41
	-9586 Dec 25 j 16:28	0°♎	
desc. node	-9586 Dec 27 j 11:45	1°♎49'36	
	-9585 Jan 16 j 07:46	0°♏	
morning set	-9585 Jan 26 j 13:21	19°♏31'25	
	-9585 Jan 31 j 12:13	0°♐	
max. Earth dist.	-9585 Feb 01 j 20:23	2°♐54'19	1.32837 AU
superior conj	-9585 Feb 02 j 17:30	4°♐49'18	-0°41'07
minimum elong	-9585 Feb 02 j 19:07	4°♐58'09	0°41'18
asc. node	-9585 Feb 07 j 00:27	14°♐08'56	
evening rise	-9585 Feb 09 j 18:01	19°♐57'55	
	-9585 Feb 14 j 17:10	0°♑	
	-9585 Mar 06 j 12:53	0°♒	
evening max el	-9585 Mar 08 j 12:16	1°♒59'12	25°14'01
retrograde	-9585 Mar 22 j 12:59	9°♒06'51	
desc. node	-9585 Mar 25 j 11:54	8°♒46'15	
evening set	-9585 Mar 27 j 14:54	8°♒06'44	
min. Earth dist.	-9585 Apr 02 j 01:16	5°♒09'26	0.57594 AU
inferior conj	-9585 Apr 05 j 01:51	3°♒04'56	-2°30'07
minimum elong	-9585 Apr 04 j 21:38	3°♒12'13	2°29'39
	-9585 Apr 10 j 01:42	30°℞♑	
morning rise	-9585 Apr 13 j 07:34	28°♑48'08	
direct	-9585 Apr 15 j 15:09	28°♑31'51	
	-9585 Apr 20 j 20:14	0°♒	
morning max el	-9585 Apr 24 j 07:25	2°♒37'30	19°01'04
asc. node	-9585 May 06 j 00:02	19°♒38'42	
morning set	-9585 May 10 j 23:32	29°♒10'41	
	-9585 May 11 j 09:35	0°♓	
superior conj	-9585 May 19 j 14:26	16°♓02'30	1°40'00
minimum elong	-9585 May 19 j 11:51	15°♓50'07	1°39'37
max. Earth dist.	-9585 May 26 j 03:23	28°♓13'17	1.38486 AU
	-9585 May 27 j 03:08	0°♈	
evening rise	-9585 May 30 j 03:25	5°♈18'31	
	-9585 Jun 14 j 10:57	0°♉	
desc. node	-9585 Jun 21 j 09:24	9°♉58'56	
evening max el	-9585 Jul 04 j 19:35	26°♉23'02	24°31'29
	-9585 Jul 08 j 21:29	0°♊	
retrograde	-9585 Jul 16 j 02:36	3°♊02'20	
evening set	-9585 Jul 21 j 16:33	0°♊37'09	
	-9585 Jul 22 j 08:29	30°℞♉	
inferior conj	-9585 Jul 26 j 23:07	24°♉21'16	-1°51'35
minimum elong	-9585 Jul 27 j 01:17	24°♉13'57	1°50'26
min. Earth dist.	-9585 Jul 26 j 07:23	25°♉14'15	0.67050 AU
morning rise	-9585 Aug 01 j 09:59	18°♉14'23	
asc. node	-9585 Aug 02 j 00:41	17°♉49'45	
direct	-9585 Aug 05 j 04:40	16°♉52'13	
morning max el	-9585 Aug 13 j 04:00	21°♉33'54	20°27'21
	-9585 Aug 20 j 01:20	0°♊	
	-9585 Sep 09 j 04:22	0°♋	
morning set	-9585 Sep 09 j 20:29	1°♋02'36	
desc. node	-9585 Sep 17 j 07:30	12°♋45'37	
max. Earth dist.	-9585 Sep 20 j 07:55	17°♋35'07	1.43470 AU
superior conj	-9585 Sep 25 j 23:50	26°♋48'33	-0°51'24
minimum elong	-9585 Sep 25 j 19:08	26°♋29'10	0°50'18
	-9585 Sep 27 j 22:02	0°♌	
evening rise	-9585 Oct 08 j 17:15	18°♌25'53	
	-9585 Oct 15 j 09:45	0°♍	
evening max el	-9585 Oct 26 j 03:10	15°♍32'45	18°10'29
asc. node	-9585 Oct 28 j 23:47	17°♍54'07	
retrograde	-9585 Nov 01 j 18:14	19°♍05'27	
evening set	-9585 Nov 04 j 10:28	18°♍29'32	
inferior conj	-9585 Nov 10 j 21:45	13°♍11'05	3°29'34
minimum elong	-9585 Nov 10 j 18:06	13°♍20'37	3°28'59
min. Earth dist.	-9585 Nov 13 j 10:19	10°♍33'00	0.62869 AU
morning rise	-9585 Nov 17 j 00:54	7°♍18'29	
direct	-9585 Nov 24 j 02:34	4°♍38'41	
morning max el	-9585 Dec 07 j 20:20	12°♍12'59	27°36'13
desc. node	-9585 Dec 14 j 08:27	19°♍25'33	
	-9585 Dec 22 j 03:36	0°♎	
	-9584 Jan 08 j 14:55	0°♏	
morning set	-9584 Jan 10 j 15:31	4°♏01'32	
max. Earth dist.	-9584 Jan 16 j 05:12	15°♏36'08	1.33253 AU
superior conj	-9584 Jan 18 j 03:21	19°♏43'39	-1°01'47
minimum elong	-9584 Jan 18 j 05:32	19°♏55'24	1°01'49
	-9584 Jan 22 j 21:36	0°♐	
asc. node	-9584 Jan 24 j 21:39	4°♐15'36	
evening rise	-9584 Jan 25 j 05:22	4°♐56'13	
	-9584 Feb 07 j 20:23	0°♑	
evening max el	-9584 Feb 18 j 05:15	12°♑51'34	23°43'55
retrograde	-9584 Mar 02 j 18:56	19°♑33'16	
evening set	-9584 Mar 06 j 17:11	18°♑59'13	
desc. node	-9584 Mar 11 j 08:59	17°♑01'42	
min. Earth dist.	-9584 Mar 13 j 17:44	15°♑40'40	0.56146 AU
inferior conj	-9584 Mar 15 j 17:55	14°♑27'29	-1°07'22
minimum elong	-9584 Mar 15 j 15:13	14°♑31'36	1°07'05
morning rise	-9584 Mar 24 j 16:01	10°♑23'59	
direct	-9584 Mar 26 j 21:50	10°♑11'06	
morning max el	-9584 Apr 06 j 03:18	14°♑59'25	19°59'46
	-9584 Apr 16 j 23:45	0°♒	
asc. node	-9584 Apr 21 j 20:55	9°♒10'41	
morning set	-9584 Apr 24 j 01:44	13°♒34'05	
superior conj	-9584 May 02 j 00:54	29°♒42'02	1°24'24
minimum elong	-9584 May 01 j 21:56	29°♒27'14	1°23'42
	-9584 May 02 j 04:30	0°♓	
max. Earth dist.	-9584 May 07 j 06:32	9°♓55'12	1.36722 AU
evening rise	-9584 May 11 j 08:29	17°♓31'12	
	-9584 May 18 j 11:46	0°♈	
desc. node	-9584 Jun 07 j 06:47	29°♈28'39	
	-9584 Jun 07 j 16:35	0°♉	
evening max el	-9584 Jun 16 j 05:17	9°♉46'27	25°45'47
retrograde	-9584 Jun 28 j 12:03	16°♉54'45	
evening set	-9584 Jul 04 j 16:18	14°♉14'04	
min. Earth dist.	-9584 Jul 08 j 22:07	9°♉29'45	0.66498 AU
inferior conj	-9584 Jul 10 j 02:05	7°♉59'38	-2°32'27
minimum elong	-9584 Jul 10 j 04:43	7°♉51'09	2°31'25
morning rise	-9584 Jul 15 j 17:12	2°♉03'22	
asc. node	-9584 Jul 18 j 21:34	0°♉56'58	
direct	-9584 Jul 19 j 02:34	0°♉56'43	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9584 Jul 26 j 07:38	5°♉05'26	19°26'04
	-9584 Aug 12 j 22:13	0°♊	
morning set	-9584 Aug 19 j 02:39	9°♊41'06	
	-9584 Sep 01 j 00:25	0°♋	
max. Earth dist.	-9584 Sep 01 j 22:28	1°♋27'20	1.44386 AU
desc. node	-9584 Sep 03 j 04:31	3°♋26'35	
superior conj	-9584 Sep 04 j 14:20	5°♋41'08	-0°08'35
minimum elong	-9584 Sep 04 j 13:22	5°♋37'15	0°07'54
behind sun begin	-9584 Sep 04 j 03:28	4°♋57'51	
behind sun end	-9584 Sep 04 j 23:15	6°♋16'41	
evening rise	-9584 Sep 19 j 08:48	29°♋41'02	
	-9584 Sep 19 j 13:23	0°♌	
evening max el	-9584 Oct 08 j 16:22	28°♌57'28	18°30'13
	-9584 Oct 09 j 18:22	0°♍	
asc. node	-9584 Oct 14 j 21:00	2°♍37'40	
retrograde	-9584 Oct 15 j 08:09	2°♍38'51	
evening set	-9584 Oct 18 j 05:10	1°♍53'28	
	-9584 Oct 20 j 19:42	30°℞♌	
inferior conj	-9584 Oct 24 j 07:09	26°♌17'55	2°46'47
minimum elong	-9584 Oct 24 j 03:42	26°♌27'52	2°46'08
min. Earth dist.	-9584 Oct 26 j 06:23	24°♌01'31	0.64357 AU
morning rise	-9584 Oct 30 j 01:39	20°♌13'35	
direct	-9584 Nov 05 j 21:10	17°♌26'51	
morning max el	-9584 Nov 19 j 05:41	25°♌01'02	27°14'45
	-9584 Nov 23 j 20:44	0°♍	
desc. node	-9584 Nov 30 j 05:08	8°♍01'17	
	-9584 Dec 14 j 12:51	0°♎	
morning set	-9584 Dec 24 j 09:12	18°♎01'30	
max. Earth dist.	-9584 Dec 29 j 05:50	27°♎47'25	1.34066 AU
	-9584 Dec 30 j 07:26	0°♏	
superior conj	-9583 Jan 01 j 09:33	4°♏22'48	-1°19'40
minimum elong	-9583 Jan 01 j 11:54	4°♏35'12	1°19'38
evening rise	-9583 Jan 08 j 16:06	19°♏47'30	
asc. node	-9583 Jan 10 j 18:53	24°♏09'12	
	-9583 Jan 13 j 17:49	0°♐	
evening max el	-9583 Jan 30 j 00:25	23°♐45'23	22°10'29
retrograde	-9583 Feb 11 j 13:35	29°♐45'37	
evening set	-9583 Feb 14 j 14:32	29°♐25'13	
inferior conj	-9583 Feb 23 j 18:52	25°♐18'05	0°38'52
minimum elong	-9583 Feb 23 j 20:34	25°♐15'41	0°37'45
min. Earth dist.	-9583 Feb 23 j 08:49	25°♐32'25	0.55426 AU
desc. node	-9583 Feb 26 j 05:59	23°♐55'27	
morning rise	-9583 Mar 05 j 03:22	21°♐14'38	
direct	-9583 Mar 07 j 14:45	21°♐00'38	
morning max el	-9583 Mar 19 j 12:21	26°♐41'15	21°17'12
	-9583 Mar 22 j 15:16	0°♑	
morning set	-9583 Apr 08 j 09:26	28°♑18'24	
asc. node	-9583 Apr 08 j 17:52	29°♑01'49	
	-9583 Apr 09 j 05:08	0°♒	
superior conj	-9583 Apr 15 j 21:34	13°♒55'34	1°04'33
minimum elong	-9583 Apr 15 j 18:59	13°♒42'13	1°03'42
max. Earth dist.	-9583 Apr 19 j 18:06	21°♒46'22	1.35246 AU
	-9583 Apr 23 j 23:07	0°♓	
evening rise	-9583 Apr 24 j 08:09	0°♓42'59	
	-9583 May 11 j 12:59	0°♈	
desc. node	-9583 May 25 j 04:08	18°♈19'58	
evening max el	-9583 May 29 j 15:53	23°♈08'33	26°44'24
	-9583 Jun 08 j 11:31	0°♉	
retrograde	-9583 Jun 11 j 16:43	0°♉33'38	
	-9583 Jun 14 j 17:33	30°℞♈	
evening set	-9583 Jun 18 j 08:47	27°♈45'47	
min. Earth dist.	-9583 Jun 22 j 06:57	23°♈40'17	0.65574 AU
inferior conj	-9583 Jun 24 j 00:28	21°♈35'11	-3°06'19
minimum elong	-9583 Jun 24 j 03:05	21°♈27'18	3°05'37
morning rise	-9583 Jun 29 j 21:38	15°♈52'25	
direct	-9583 Jul 02 j 23:45	14°♈58'45	
asc. node	-9583 Jul 05 j 18:27	15°♈40'30	
morning max el	-9583 Jul 09 j 16:50	18°♈42'38	18°40'11
	-9583 Jul 18 j 04:11	0°♉	
morning set	-9583 Jul 30 j 05:10	19°♉17'40	
	-9583 Aug 05 j 20:29	0°♊	
superior conj	-9583 Aug 14 j 14:11	13°♊54'24	0°38'29
minimum elong	-9583 Aug 14 j 18:50	14°♊12'46	0°38'28
max. Earth dist.	-9583 Aug 15 j 15:07	15°♊32'59	1.44618 AU
desc. node	-9583 Aug 21 j 01:37	24°♊08'19	
	-9583 Aug 24 j 18:40	0°♋	
evening rise	-9583 Aug 30 j 22:13	9°♋44'36	
	-9583 Sep 12 j 19:29	0°♌	
evening max el	-9583 Sep 22 j 03:21	12°♌25'50	19°07'12
retrograde	-9583 Sep 29 j 02:45	16°♌24'14	
asc. node	-9583 Oct 01 j 18:11	15°♌43'58	
evening set	-9583 Oct 02 j 06:51	15°♌26'20	
inferior conj	-9583 Oct 08 j 01:12	9°♌36'44	1°57'54
minimum elong	-9583 Oct 07 j 22:35	9°♌44'55	1°57'27
min. Earth dist.	-9583 Oct 09 j 11:33	7°♌49'32	0.65536 AU
morning rise	-9583 Oct 13 j 13:55	3°♌24'02	
direct	-9583 Oct 19 j 22:05	0°♌42'26	
morning max el	-9583 Nov 01 j 15:38	8°♌06'26	26°24'50
desc. node	-9583 Nov 17 j 01:52	27°♌19'30	
	-9583 Nov 18 j 21:48	0°♍	
	-9583 Dec 06 j 21:34	0°♎	
morning set	-9583 Dec 07 j 14:39	1°♎19'48	
max. Earth dist.	-9583 Dec 11 j 19:38	9°♎25'13	1.35316 AU
superior conj	-9583 Dec 16 j 09:52	18°♎39'37	-1°33'33
minimum elong	-9583 Dec 16 j 11:50	18°♎49'43	1°33'31
	-9583 Dec 21 j 21:04	0°♏	
evening rise	-9583 Dec 24 j 00:31	4°♏26'25	
asc. node	-9583 Dec 28 j 16:10	13°♏44'09	
	-9582 Jan 07 j 14:54	0°♐	
evening max el	-9582 Jan 12 j 02:57	5°♐02'22	20°45'25
retrograde	-9582 Jan 23 j 03:35	10°♐13'19	
evening set	-9582 Jan 25 j 18:44	9°♐56'49	
inferior conj	-9582 Feb 03 j 16:03	5°♐58'37	2°22'38
minimum elong	-9582 Feb 03 j 21:23	5°♐50'50	2°20'38
min. Earth dist.	-9582 Feb 04 j 22:58	5°♐13'37	0.55595 AU
morning rise	-9582 Feb 12 j 22:40	1°♐39'40	
desc. node	-9582 Feb 13 j 02:58	1°♐37'11	
direct	-9582 Feb 16 j 05:44	1°♐15'49	
morning max el	-9582 Mar 01 j 10:38	7°♐44'16	22°49'11
	-9582 Mar 17 j 03:25	0°♑	
morning set	-9582 Mar 23 j 20:28	13°♑16'17	
asc. node	-9582 Mar 26 j 14:51	19°♑06'11	
superior conj	-9582 Mar 31 j 01:16	28°♑32'58	0°42'14
minimum elong	-9582 Mar 30 j 23:29	28°♑23'32	0°41'22
	-9582 Mar 31 j 17:42	0°♒	
max. Earth dist.	-9582 Apr 02 j 16:08	4°♒03'33	1.34119 AU
evening rise	-9582 Apr 07 j 21:13	14°♒37'44	
	-9582 Apr 16 j 03:34	0°♓	
	-9582 May 06 j 07:39	0°♈	
evening max el	-9582 May 12 j 02:52	6°♈19'53	27°19'23
desc. node	-9582 May 12 j 01:31	6°♈16'34	
retrograde	-9582 May 25 j 15:50	13°♈50'55	
evening set	-9582 Jun 01 j 15:07	11°♈07'23	
min. Earth dist.	-9582 Jun 05 j 07:50	7°♈37'30	0.64261 AU
inferior conj	-9582 Jun 07 j 15:51	5°♈03'22	-3°30'43
minimum elong	-9582 Jun 07 j 17:48	4°♈58'00	3°30'29
	-9582 Jun 13 j 04:10	30°℞♓	
morning rise	-9582 Jun 13 j 21:04	29°♓36'51	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9582 Jun 16 j 17:45	28°♓53'57	
	-9582 Jun 20 j 07:35	0°♈	
asc. node	-9582 Jun 22 j 15:19	1°♈47'23	
morning max el	-9582 Jun 23 j 05:38	2°♈21'59	18°11'23
morning set	-9582 Jul 11 j 09:31	0°♉06'41	
	-9582 Jul 11 j 07:57	0°♉	
superior conj	-9582 Jul 24 j 21:40	22°♉31'32	1°17'39
minimum elong	-9582 Jul 25 j 04:09	22°♉57'47	1°17'27
max. Earth dist.	-9582 Jul 29 j 07:17	29°♉35'42	1.44144 AU
	-9582 Jul 29 j 13:23	0°♊	
desc. node	-9582 Aug 07 j 22:48	14°♊47'26	
evening rise	-9582 Aug 10 j 10:30	18°♊39'39	
	-9582 Aug 17 j 18:54	0°♋	
greatest brilliancy	-9582 Aug 23 j 07:48	8°♋23'48	-0.7m
evening max el	-9582 Sep 05 j 09:40	25°♋53'38	20°00'02
	-9582 Sep 11 j 03:59	0°♌	
retrograde	-9582 Sep 12 j 23:19	0°♌17'38	
	-9582 Sep 14 j 17:21	30°℞♋	
evening set	-9582 Sep 16 j 12:53	29°♋03'53	
asc. node	-9582 Sep 18 j 15:20	27°♋13'30	
inferior conj	-9582 Sep 22 j 01:18	23°♋03'18	1°06'07
minimum elong	-9582 Sep 21 j 23:48	23°♋08'16	1°06'04
min. Earth dist.	-9582 Sep 22 j 23:50	21°♋48'57	0.66398 AU
morning rise	-9582 Sep 27 j 10:28	16°♋45'37	
direct	-9582 Oct 03 j 04:31	14°♋17'36	
morning max el	-9582 Oct 15 j 01:06	21°♋19'01	25°14'28
	-9582 Oct 22 j 15:03	0°♌	
desc. node	-9582 Nov 03 j 22:38	17°♌07'33	
	-9582 Nov 12 j 03:11	0°♍	
morning set	-9582 Nov 20 j 03:03	13°♍42'25	
max. Earth dist.	-9582 Nov 23 j 23:12	20°♍43'21	1.36975 AU
	-9582 Nov 28 j 19:45	0°♎	
superior conj	-9582 Nov 30 j 01:19	2°♎25'08	-1°41'52
minimum elong	-9582 Nov 30 j 02:13	2°♎29'34	1°41'49
evening rise	-9582 Dec 08 j 04:43	18°♎47'18	
	-9582 Dec 13 j 23:00	0°♏	
asc. node	-9582 Dec 15 j 13:28	2°♏53'36	
evening max el	-9582 Dec 25 j 15:26	16°♏52'48	19°36'19
retrograde	-9581 Jan 04 j 01:55	21°♏20'06	
evening set	-9581 Jan 06 j 14:27	21°♏02'28	
inferior conj	-9581 Jan 14 j 22:47	16°♏56'03	3°36'41
minimum elong	-9581 Jan 15 j 03:40	16°♏48'09	3°35'27
min. Earth dist.	-9581 Jan 17 j 12:37	15°♏16'49	0.56588 AU
morning rise	-9581 Jan 23 j 14:45	12°♏12'31	
direct	-9581 Jan 28 j 04:34	11°♏25'21	
desc. node	-9581 Jan 30 j 23:53	11°♏43'30	
morning max el	-9581 Feb 11 j 02:16	18°♏25'37	24°26'33
	-9581 Feb 20 j 15:27	0°♐	
morning set	-9581 Mar 08 j 08:57	28°♐21'25	
	-9581 Mar 09 j 03:41	0°♑	
asc. node	-9581 Mar 13 j 11:53	9°♑19'15	
superior conj	-9581 Mar 15 j 09:37	13°♑26'34	0°18'42
minimum elong	-9581 Mar 15 j 08:50	13°♑22'20	0°17'58
max. Earth dist.	-9581 Mar 16 j 22:57	16°♑47'25	1.33339 AU
evening rise	-9581 Mar 22 j 19:43	29°♑02'51	
	-9581 Mar 23 j 07:03	0°♒	
	-9581 Apr 09 j 07:34	0°♓	
evening max el	-9581 Apr 24 j 12:03	19°♓07'59	27°24'37
desc. node	-9581 Apr 28 j 22:51	22°♓55'45	
retrograde	-9581 May 08 j 08:38	26°♓38'36	
evening set	-9581 May 15 j 07:55	24°♓12'35	
min. Earth dist.	-9581 May 18 j 23:28	21°♓10'00	0.62586 AU
inferior conj	-9581 May 21 j 21:17	18°♓18'28	-3°42'03
minimum elong	-9581 May 21 j 21:48	18°♓17'13	3°42'13
morning rise	-9581 May 28 j 12:52	13°♓10'41	
direct	-9581 May 31 j 05:25	12°♓36'53	
morning max el	-9581 Jun 06 j 19:45	15°♓59'06	18°00'42
asc. node	-9581 Jun 09 j 12:10	19°♓01'58	
	-9581 Jun 16 j 16:24	0°♈	
morning set	-9581 Jun 23 j 13:11	12°♈02'27	
	-9581 Jul 03 j 20:08	0°♉	
superior conj	-9581 Jul 05 j 05:23	2°♉20'53	1°41'26
minimum elong	-9581 Jul 05 j 09:19	2°♉37'31	1°41'28
max. Earth dist.	-9581 Jul 11 j 19:57	13°♉17'44	1.43031 AU
evening rise	-9581 Jul 20 j 11:25	27°♉03'59	
	-9581 Jul 22 j 08:40	0°♊	
desc. node	-9581 Jul 25 j 20:02	5°♊20'47	
	-9581 Aug 11 j 17:20	0°♋	
evening max el	-9581 Aug 19 j 09:31	9°♋18'24	21°06'29
retrograde	-9581 Aug 27 j 19:51	14°♋16'30	
evening set	-9581 Aug 31 j 21:00	12°♋44'00	
asc. node	-9581 Sep 05 j 12:26	7°♋32'42	
inferior conj	-9581 Sep 06 j 05:18	6°♋35'21	0°13'45
minimum elong	-9581 Sep 06 j 04:58	6°♋36'27	0°14'12
transit middle	-9581 Sep 06 j 04:58	6°♋36'27	0°14'12
transit begin	-9581 Sep 06 j 03:37	6°♋41'06	
transit end	-9581 Sep 06 j 06:20	6°♋31'48	
min. Earth dist.	-9581 Sep 06 j 16:58	5°♋55'28	0.66959 AU
morning rise	-9581 Sep 11 j 12:48	0°♋16'08	
	-9581 Sep 11 j 20:34	30°℞♊	
direct	-9581 Sep 16 j 16:03	28°♊06'10	
	-9581 Sep 22 j 01:44	0°♋	
morning max el	-9581 Sep 27 j 10:48	4°♋33'42	23°52'34
	-9581 Oct 17 j 00:02	0°♌	
desc. node	-9581 Oct 21 j 19:24	7°♌16'20	
morning set	-9581 Nov 01 j 16:42	24°♌54'16	
	-9581 Nov 04 j 15:42	0°♍	
max. Earth dist.	-9581 Nov 05 j 21:25	2°♍10'30	1.38918 AU
superior conj	-9581 Nov 13 j 03:56	15°♍27'19	-1°42'34
minimum elong	-9581 Nov 13 j 02:59	15°♍22'51	1°42'20
	-9581 Nov 20 j 16:54	0°♎	
evening rise	-9581 Nov 22 j 02:19	2°♎43'03	
asc. node	-9581 Dec 02 j 10:46	21°♎28'12	
evening max el	-9581 Dec 08 j 13:37	29°♎15'18	18°46'35
	-9581 Dec 09 j 09:09	0°♏	
retrograde	-9581 Dec 16 j 17:01	3°♏11'27	
evening set	-9581 Dec 19 j 05:04	2°♏50'36	
	-9581 Dec 24 j 19:19	30°℞♎	
inferior conj	-9581 Dec 26 j 23:20	28°♎26'10	4°11'18
minimum elong	-9581 Dec 27 j 00:56	28°♎23'11	4°11'00
min. Earth dist.	-9581 Dec 30 j 03:56	26°♎04'47	0.58169 AU
morning rise	-9580 Jan 03 j 18:48	23°♎17'58	
direct	-9580 Jan 09 j 15:00	21°♎54'58	
desc. node	-9580 Jan 17 j 20:44	24°♎32'46	
morning max el	-9580 Jan 23 j 17:51	29°♎12'32	25°55'13
	-9580 Jan 24 j 13:13	0°♏	
	-9580 Feb 14 j 03:07	0°♐	
morning set	-9580 Feb 20 j 21:02	13°♐25'53	
superior conj	-9580 Feb 27 j 20:33	28°♐28'15	-0°05'07
minimum elong	-9580 Feb 27 j 20:48	28°♐29'34	0°05'38
behind sun begin	-9580 Feb 27 j 16:05	28°♐03'53	
behind sun end	-9580 Feb 28 j 01:31	28°♐55'15	
asc. node	-9580 Feb 28 j 08:57	29°♐35'49	
max. Earth dist.	-9580 Feb 28 j 10:57	29°♐46'38	1.32886 AU
	-9580 Feb 28 j 13:24	0°♑	
evening rise	-9580 Mar 06 j 00:31	13°♑46'47	
	-9580 Mar 14 j 09:37	0°♒	
	-9580 Apr 04 j 08:19	0°♓	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9580	Apr	05 j 16:48	1°♓20'44	26°57'12	retrograde	-9579	Apr	01 j 18:58	20°♒12'38	
desc. node	-9580	Apr	14 j 20:09	7°♓46'04		desc. node	-9579	Apr	01 j 17:24	20°♒12'37	
retrograde	-9580	Apr	19 j 18:14	8°♓47'32		evening set	-9579	Apr	07 j 11:53	18°♒52'49	
evening set	-9580	Apr	26 j 07:39	6°♓51'18		min. Earth dist.	-9579	Apr	12 j 05:05	16°♒02'15	0.58644 AU
min. Earth dist.	-9580	Apr	30 j 05:54	4°♓02'33	0.60641 AU	inferior conj	-9579	Apr	15 j 12:14	13°♒34'34	-3°02'52
inferior conj	-9580	May	03 j 13:17	1°♓11'42	-3°35'04	minimum elong	-9579	Apr	15 j 08:34	13°♒41'30	3°02'40
minimum elong	-9580	May	03 j 11:40	1°♓15'12	3°35'18	morning rise	-9579	Apr	23 j 08:17	9°♒07'20	
	-9580	May	04 j 22:58	30°♑♒		direct	-9579	Apr	25 j 17:35	8°♒48'08	
morning rise	-9580	May	10 j 17:50	26°♒24'19		morning max el	-9579	May	03 j 16:55	12°♒36'07	18°36'16
direct	-9580	May	13 j 06:46	25°♒58'26		asc. node	-9579	May	13 j 05:49	25°♒55'58	
morning max el	-9580	May	20 j 08:28	29°♒26'38	18°08'50		-9579	May	15 j 12:07	0°♓	
	-9580	May	20 j 21:53	0°♓		morning set	-9579	May	19 j 23:07	8°♓26'32	
asc. node	-9580	May	26 j 09:00	7°♓08'51							
morning set	-9580	Jun	05 j 11:15	24°♓52'48		superior conj	-9579	May	29 j 01:47	25°♓51'35	1°46'08
	-9580	Jun	08 j 05:32	0°♈		minimum elong	-9579	May	28 j 23:55	25°♓42'52	1°45'58
							-9579	May	31 j 07:32	0°♈	
superior conj	-9580	Jun	15 j 16:13	13°♈31'36	1°49'49	max. Earth dist.	-9579	Jun	05 j 03:49	8°♈41'25	1.39569 AU
minimum elong	-9580	Jun	15 j 16:42	13°♈33'44	1°49'53	evening rise	-9579	Jun	09 j 12:04	16°♈09'56	
max. Earth dist.	-9580	Jun	23 j 02:35	26°♈21'40	1.41426 AU		-9579	Jun	18 j 00:13	0°♉	
	-9580	Jun	25 j 06:59	0°♉		desc. node	-9579	Jun	28 j 14:43	15°♉53'00	
evening rise	-9580	Jun	28 j 23:04	5°♉59'34			-9579	Jul	09 j 05:18	0°♊	
desc. node	-9580	Jul	11 j 17:21	25°♉44'29		evening max el	-9579	Jul	14 j 14:37	6°♊01'02	23°45'05
	-9580	Jul	14 j 14:52	0°♊		retrograde	-9579	Jul	25 j 06:34	12°♊19'59	
evening max el	-9580	Aug	01 j 02:36	22°♊40'10	22°23'16	evening set	-9579	Jul	30 j 11:44	10°♊06'07	
retrograde	-9580	Aug	10 j 14:42	28°♊18'34		inferior conj	-9579	Aug	04 j 17:30	3°♊50'13	-1°25'39
evening set	-9580	Aug	15 j 05:15	26°♊25'25		minimum elong	-9579	Aug	04 j 19:14	3°♊44'15	1°24'32
inferior conj	-9580	Aug	20 j 11:17	20°♊11'45	-0°37'21	min. Earth dist.	-9579	Aug	04 j 08:16	4°♊21'48	0.67203 AU
minimum elong	-9580	Aug	20 j 12:05	20°♊08'59	0°36'29		-9579	Aug	07 j 16:32	30°♑♉	
min. Earth dist.	-9580	Aug	20 j 12:37	20°♊07'08	0.67228 AU	asc. node	-9579	Aug	09 j 06:25	28°♉21'04	
asc. node	-9580	Aug	22 j 09:28	17°♊35'18		morning rise	-9579	Aug	10 j 02:40	27°♉38'20	
morning rise	-9580	Aug	25 j 18:49	13°♊54'25		direct	-9579	Aug	14 j 03:34	26°♉06'12	
direct	-9580	Aug	30 j 08:03	12°♊03'46			-9579	Aug	21 j 11:29	0°♊	
morning max el	-9580	Sep	08 j 22:59	17°♊50'20	22°28'03	morning max el	-9579	Aug	22 j 16:10	1°♊10'41	21°08'28
	-9580	Sep	18 j 22:04	0°♋			-9579	Sep	12 j 18:37	0°♋	
desc. node	-9580	Oct	07 j 16:12	27°♋39'53		morning set	-9579	Sep	21 j 14:04	13°♋33'14	
	-9580	Oct	09 j 03:42	0°♌		desc. node	-9579	Sep	24 j 13:04	18°♋12'59	
morning set	-9580	Oct	12 j 03:30	4°♌47'35		max. Earth dist.	-9579	Sep	30 j 02:14	27°♋08'08	1.42666 AU
max. Earth dist.	-9580	Oct	17 j 20:58	14°♌15'14	1.40907 AU		-9579	Oct	01 j 20:12	0°♌	
superior conj	-9580	Oct	25 j 12:43	27°♌33'15	-1°33'02	superior conj	-9579	Oct	06 j 21:48	8°♌27'50	-1°10'38
minimum elong	-9580	Oct	25 j 09:26	27°♌18'32	1°32'26	minimum elong	-9579	Oct	06 j 16:52	8°♌06'53	1°09'38
	-9580	Oct	26 j 21:23	0°♍		evening rise	-9579	Oct	18 j 13:02	28°♌49'24	
evening rise	-9580	Nov	04 j 14:22	16°♍06'53			-9579	Oct	19 j 04:48	0°♍	
	-9580	Nov	12 j 05:06	0°♎		evening max el	-9579	Nov	04 j 06:47	25°♍13'04	18°07'28
asc. node	-9580	Nov	18 j 08:04	9°♎17'04		asc. node	-9579	Nov	05 j 05:19	26°♍06'14	
evening max el	-9580	Nov	20 j 19:39	12°♎04'41	18°17'07	retrograde	-9579	Nov	11 j 00:46	28°♍44'30	
retrograde	-9580	Nov	28 j 01:39	15°♎42'43		evening set	-9579	Nov	13 j 15:14	28°♍12'57	
evening set	-9580	Nov	30 j 14:15	15°♎17'18		inferior conj	-9579	Nov	20 j 08:37	23°♍06'06	3°49'36
inferior conj	-9580	Dec	07 j 19:24	10°♎31'37	4°12'11	minimum elong	-9579	Nov	20 j 05:20	23°♍14'10	3°49'10
minimum elong	-9580	Dec	07 j 17:50	10°♎34'59	4°12'02	min. Earth dist.	-9579	Nov	23 j 04:32	20°♍20'40	0.61892 AU
min. Earth dist.	-9580	Dec	11 j 00:18	7°♎47'33	0.60032 AU	morning rise	-9579	Nov	26 j 18:21	17°♍21'41	
morning rise	-9580	Dec	14 j 19:51	5°♎03'16		direct	-9579	Dec	03 j 20:12	14°♍51'42	
direct	-9580	Dec	21 j 12:57	3°♎02'10		morning max el	-9579	Dec	17 j 17:17	22°♍24'09	27°33'18
desc. node	-9579	Jan	03 j 17:31	9°♎39'48		desc. node	-9579	Dec	21 j 14:14	26°♍29'26	
morning max el	-9579	Jan	04 j 14:30	10°♎29'09	27°00'33		-9579	Dec	24 j 12:48	0°♎	
	-9579	Jan	19 j 19:06	0°♏			-9578	Jan	12 j 19:28	0°♏	
morning set	-9579	Feb	04 j 06:55	28°♏22'49		morning set	-9578	Jan	19 j 12:32	13°♏04'29	
	-9579	Feb	05 j 01:32	0°♐		max. Earth dist.	-9578	Jan	25 j 11:55	25°♏40'24	1.32961 AU
superior conj	-9579	Feb	11 j 08:23	13°♐31'51	-0°28'19	superior conj	-9578	Jan	26 j 19:26	28°♏31'03	-0°50'09
minimum elong	-9579	Feb	11 j 09:33	13°♐38'15	0°28'37	minimum elong	-9578	Jan	26 j 21:20	28°♏41'21	0°50'16
max. Earth dist.	-9579	Feb	11 j 00:30	12°♐48'47	1.32754 AU		-9578	Jan	27 j 11:48	0°♐	
asc. node	-9579	Feb	14 j 06:04	19°♐51'45		asc. node	-9578	Feb	01 j 03:14	10°♐02'54	
evening rise	-9579	Feb	18 j 09:19	28°♐41'34		evening rise	-9578	Feb	02 j 20:12	13°♐40'03	
	-9579	Feb	19 j 00:24	0°♑			-9578	Feb	11 j 04:09	0°♑	
	-9579	Mar	07 j 23:16	0°♒		evening max el	-9578	Feb	28 j 10:23	23°♑58'15	24°37'09
evening max el	-9579	Mar	18 j 15:55	12°♒54'56	25°58'54		-9578	Mar	09 j 08:48	0°♒	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9578 Mar 14 j 08:12	0°♒56'38	
evening set	-9578 Mar 18 j 21:51	0°♒09'23	
	-9578 Mar 19 j 08:29	30°℞♑	
desc. node	-9578 Mar 19 j 14:32	29°♑54'18	
min. Earth dist.	-9578 Mar 24 j 23:34	27°♑04'14	0.56901 AU
inferior conj	-9578 Mar 27 j 15:37	25°♑20'16	-1°58'58
minimum elong	-9578 Mar 27 j 11:37	25°♑26'48	1°58'25
morning rise	-9578 Apr 05 j 04:32	21°♑09'52	
direct	-9578 Apr 07 j 10:47	20°♑55'28	
morning max el	-9578 Apr 16 j 18:09	25°♑18'07	19°23'33
	-9578 Apr 20 j 21:23	0°♒	
asc. node	-9578 Apr 30 j 02:40	15°♒14'09	
morning set	-9578 May 03 j 21:02	22°♒34'49	
	-9578 May 07 j 14:11	0°♓	
superior conj	-9578 May 12 j 04:36	9°♓06'19	1°34'03
minimum elong	-9578 May 12 j 01:45	8°♓52'20	1°33'31
max. Earth dist.	-9578 May 18 j 04:44	20°♓31'25	1.37713 AU
evening rise	-9578 May 22 j 03:58	27°♓42'14	
	-9578 May 23 j 11:16	0°♈	
	-9578 Jun 11 j 09:58	0°♉	
desc. node	-9578 Jun 15 j 12:07	5°♉39'43	
evening max el	-9578 Jun 27 j 00:39	19°♉24'35	25°04'30
retrograde	-9578 Jul 08 j 18:28	26°♉17'18	
evening set	-9578 Jul 14 j 14:34	23°♉45'06	
min. Earth dist.	-9578 Jul 19 j 01:33	18°♉38'09	0.66863 AU
inferior conj	-9578 Jul 19 j 22:13	17°♉29'37	-2°09'40
minimum elong	-9578 Jul 20 j 00:38	17°♉21'36	2°08'31
morning rise	-9578 Jul 25 j 10:40	11°♉26'36	
asc. node	-9578 Jul 27 j 03:19	10°♉32'11	
direct	-9578 Jul 29 j 01:11	10°♉11'10	
morning max el	-9578 Aug 05 j 15:55	14°♉37'50	19°59'25
	-9578 Aug 17 j 07:03	0°♊	
morning set	-9578 Aug 31 j 15:42	21°♊57'22	
	-9578 Sep 05 j 19:19	0°♋	
desc. node	-9578 Sep 11 j 10:02	8°♋52'04	
max. Earth dist.	-9578 Sep 12 j 14:09	10°♋44'05	1.43948 AU
superior conj	-9578 Sep 17 j 03:14	18°♋02'42	-0°34'25
minimum elong	-9578 Sep 16 j 23:36	17°♋47'59	0°33'25
	-9578 Sep 24 j 09:43	0°♌	
evening rise	-9578 Sep 30 j 17:29	10°♌40'05	
	-9578 Oct 12 j 08:13	0°♍	
evening max el	-9578 Oct 18 j 20:06	8°♍33'45	18°16'43
asc. node	-9578 Oct 23 j 02:33	11°♍40'17	
retrograde	-9578 Oct 25 j 10:24	12°♍08'41	
evening set	-9578 Oct 28 j 04:31	11°♍28'56	
inferior conj	-9578 Nov 03 j 11:38	6°♍02'53	3°12'21
minimum elong	-9578 Nov 03 j 07:59	6°♍12'54	3°11'43
min. Earth dist.	-9578 Nov 05 j 18:34	3°♍32'56	0.63548 AU
morning rise	-9578 Nov 09 j 10:45	0°♍05'13	
	-9578 Nov 09 j 13:26	30°℞♌	
direct	-9578 Nov 16 j 10:48	27°♌20'45	
	-9578 Nov 24 j 01:21	0°♍	
morning max el	-9578 Nov 30 j 00:49	4°♍55'07	27°30'57
desc. node	-9578 Dec 08 j 10:55	14°♍32'51	
	-9578 Dec 19 j 04:05	0°♎	
morning set	-9577 Jan 03 j 11:26	27°♎22'14	
	-9577 Jan 04 j 18:53	0°♏	
max. Earth dist.	-9577 Jan 08 j 17:36	8°♏09'25	1.33546 AU
superior conj	-9577 Jan 11 j 03:58	13°♏19'21	-1°09'46
minimum elong	-9577 Jan 11 j 06:17	13°♏31'42	1°09'47
evening rise	-9577 Jan 18 j 07:29	28°♏35'47	
	-9577 Jan 18 j 23:37	0°♐	
asc. node	-9577 Jan 19 j 00:27	0°♐04'22	
	-9577 Feb 05 j 17:09	0°♑	

evening max el	-9577 Feb 10 j 03:43	4°♑48'14	23°03'55
retrograde	-9577 Feb 23 j 08:24	11°♑13'17	
evening set	-9577 Feb 26 j 20:29	10°♑46'29	
desc. node	-9577 Mar 06 j 11:37	7°♑20'42	
min. Earth dist.	-9577 Mar 06 j 15:11	7°♑15'31	0.55734 AU
inferior conj	-9577 Mar 08 j 00:16	6°♑27'10	-0°23'58
minimum elong	-9577 Mar 07 j 23:12	6°♑28'43	0°24'12
morning rise	-9577 Mar 17 j 03:52	2°♑25'32	
direct	-9577 Mar 19 j 10:58	2°♑12'45	
morning max el	-9577 Mar 30 j 09:28	7°♑22'44	20°30'34
	-9577 Apr 14 j 11:58	0°♒	
asc. node	-9577 Apr 16 j 23:36	4°♒55'04	
morning set	-9577 Apr 18 j 01:56	7°♒08'18	
superior conj	-9577 Apr 25 j 19:52	23°♒01'32	1°16'24
minimum elong	-9577 Apr 25 j 16:59	22°♒46'58	1°15'36
	-9577 Apr 29 j 07:34	0°♓	
max. Earth dist.	-9577 Apr 30 j 11:24	2°♓16'10	1.36058 AU
evening rise	-9577 May 04 j 17:40	10°♓22'10	
	-9577 May 16 j 01:18	0°♈	
desc. node	-9577 Jun 02 j 09:31	24°♈54'49	
	-9577 Jun 06 j 18:02	0°♉	
evening max el	-9577 Jun 09 j 10:53	2°♉48'57	26°13'03
retrograde	-9577 Jun 22 j 01:46	10°♉04'51	
evening set	-9577 Jun 28 j 11:32	7°♉20'02	
min. Earth dist.	-9577 Jul 02 j 13:59	2°♉52'24	0.66163 AU
inferior conj	-9577 Jul 03 j 23:32	1°♉07'12	-2°47'48
minimum elong	-9577 Jul 04 j 02:13	0°♉58'44	2°46'52
	-9577 Jul 04 j 21:07	30°℞♈	
morning rise	-9577 Jul 09 j 17:00	25°♈16'21	
direct	-9577 Jul 12 j 23:09	24°♈15'21	
asc. node	-9577 Jul 14 j 00:12	24°♈21'26	
morning max el	-9577 Jul 19 j 22:06	28°♈11'58	19°04'30
	-9577 Jul 21 j 13:24	0°♉	
	-9577 Aug 10 j 14:45	0°♊	
morning set	-9577 Aug 11 j 05:12	0°♊57'22	
max. Earth dist.	-9577 Aug 26 j 06:34	24°♊46'28	1.44581 AU
superior conj	-9577 Aug 27 j 09:08	26°♊31'34	0°11'37
minimum elong	-9577 Aug 27 j 10:40	26°♊37'36	0°12'00
behind sun begin	-9577 Aug 27 j 02:50	26°♊06'35	
behind sun end	-9577 Aug 27 j 18:30	27°♊08'38	
desc. node	-9577 Aug 29 j 07:07	29°♊33'43	
	-9577 Aug 29 j 13:44	0°♋	
evening rise	-9577 Sep 11 j 22:22	21°♋26'11	
	-9577 Sep 17 j 04:51	0°♌	
evening max el	-9577 Oct 02 j 08:42	22°♌00'51	18°43'54
retrograde	-9577 Oct 09 j 02:46	25°♌48'19	
asc. node	-9577 Oct 09 j 23:45	25°♌44'01	
evening set	-9577 Oct 12 j 02:36	24°♌57'50	
inferior conj	-9577 Oct 18 j 01:06	19°♌15'40	2°26'34
minimum elong	-9577 Oct 17 j 21:57	19°♌25'05	2°25'58
min. Earth dist.	-9577 Oct 19 j 18:37	17°♌11'23	0.64899 AU
morning rise	-9577 Oct 23 j 16:50	13°♌07'28	
direct	-9577 Oct 30 j 07:57	10°♌22'01	
morning max el	-9577 Nov 12 j 10:47	17°♌52'34	26°56'39
	-9577 Nov 22 j 18:28	0°♍	
desc. node	-9577 Nov 25 j 07:38	3°♍28'39	
	-9577 Dec 12 j 00:26	0°♎	
morning set	-9577 Dec 18 j 00:27	11°♎06'16	
max. Earth dist.	-9577 Dec 22 j 14:12	20°♎08'02	1.34547 AU
superior conj	-9577 Dec 26 j 08:00	27°♎50'12	-1°26'07
minimum elong	-9577 Dec 26 j 10:16	28°♎02'02	1°26'06
	-9577 Dec 27 j 08:47	0°♏	
evening rise	-9576 Jan 02 j 17:31	13°♏23'06	
asc. node	-9576 Jan 05 j 21:43	19°♏51'06	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9576 Jan 11 j 08:05	0°♐	
evening max el	-9576 Jan 23 j 01:25	15°♐49'24	21°32'40
retrograde	-9576 Feb 03 j 23:46	21°♐29'08	
evening set	-9576 Feb 06 j 19:30	21°♐11'07	
inferior conj	-9576 Feb 15 j 21:52	17°♐09'45	1°25'04
minimum elong	-9576 Feb 16 j 01:29	17°♐04'36	1°23'22
min. Earth dist.	-9576 Feb 16 j 05:29	16°♐58'55	0.55387 AU
desc. node	-9576 Feb 21 j 08:37	14°♐18'44	
morning rise	-9576 Feb 25 j 07:23	13°♐01'59	
direct	-9576 Feb 28 j 01:21	12°♐45'13	
morning max el	-9576 Mar 11 j 13:43	18°♐46'53	21°55'05
	-9576 Mar 20 j 13:09	0°♑	
morning set	-9576 Apr 01 j 11:19	21°♑59'20	
asc. node	-9576 Apr 02 j 20:35	24°♑52'31	
	-9576 Apr 05 j 07:03	0°♒	
superior conj	-9576 Apr 08 j 19:53	7°♒26'18	0°55'19
minimum elong	-9576 Apr 08 j 17:36	7°♒14'23	0°54'26
max. Earth dist.	-9576 Apr 12 j 03:33	14°♒17'45	1.34721 AU
evening rise	-9576 Apr 16 j 23:34	23°♒53'34	
	-9576 Apr 20 j 05:06	0°♓	
	-9576 May 08 j 14:56	0°♈	
desc. node	-9576 May 19 j 06:54	13°♈25'07	
evening max el	-9576 May 21 j 21:42	16°♈07'17	27°02'27
retrograde	-9576 Jun 04 j 04:03	23°♈35'52	
evening set	-9576 Jun 11 j 00:06	20°♈47'58	
min. Earth dist.	-9576 Jun 14 j 19:30	16°♈58'38	0.65070 AU
inferior conj	-9576 Jun 16 j 19:15	14°♈39'59	-3°18'01
minimum elong	-9576 Jun 16 j 21:40	14°♈32'56	3°17'30
morning rise	-9576 Jun 22 j 19:36	9°♈04'05	
direct	-9576 Jun 25 j 19:14	8°♈15'17	
asc. node	-9576 Jun 29 j 21:06	9°♈42'22	
morning max el	-9576 Jul 02 j 09:12	11°♈50'59	18°25'48
	-9576 Jul 15 j 01:26	0°♉	
morning set	-9576 Jul 21 j 18:41	11°♉04'45	
	-9576 Aug 02 j 09:35	0°♊	
superior conj	-9576 Aug 05 j 09:28	4°♊47'06	0°56'43
minimum elong	-9576 Aug 05 j 15:33	5°♊11'21	0°56'32
max. Earth dist.	-9576 Aug 07 j 23:41	8°♊54'11	1.44502 AU
desc. node	-9576 Aug 15 j 04:15	20°♊14'38	
	-9576 Aug 21 j 09:23	0°♋	
evening rise	-9576 Aug 22 j 00:26	0°♋59'02	
greatest brilliancy	-9576 Sep 01 j 06:21	16°♋57'33	-0.8m
	-9576 Sep 10 j 04:14	0°♌	
evening max el	-9576 Sep 14 j 17:53	5°♌28'59	19°27'48
retrograde	-9576 Sep 21 j 22:39	9°♌37'37	
evening set	-9576 Sep 25 j 06:27	8°♌33'22	
asc. node	-9576 Sep 25 j 20:56	8°♌08'06	
inferior conj	-9576 Sep 30 j 22:03	2°♌38'27	1°36'08
minimum elong	-9576 Sep 30 j 19:53	2°♌45'24	1°35'50
min. Earth dist.	-9576 Oct 02 j 03:09	1°♌05'03	0.65936 AU
	-9576 Oct 02 j 23:55	30°℞♋	
morning rise	-9576 Oct 06 j 08:59	26°♋23'00	
direct	-9576 Oct 12 j 11:10	23°♋46'36	
	-9576 Oct 23 j 18:55	0°♌	
morning max el	-9576 Oct 24 j 20:51	1°♌03'03	25°56'55
desc. node	-9576 Nov 11 j 04:20	23°♌00'37	
	-9576 Nov 15 j 19:04	0°♍	
morning set	-9576 Nov 29 j 23:18	24°♍02'46	
	-9576 Dec 03 j 03:34	0°♎	
max. Earth dist.	-9576 Dec 03 j 23:31	1°♎35'32	1.35976 AU
superior conj	-9576 Dec 09 j 04:54	11°♎54'30	-1°37'53
minimum elong	-9576 Dec 09 j 06:30	12°♎02'39	1°37'51
evening rise	-9576 Dec 17 j 00:23	27°♎54'55	
	-9576 Dec 18 j 01:01	0°♏	

asc. node	-9576 Dec 22 j 19:00	9°♏16'05	
evening max el	-9575 Jan 04 j 07:53	27°♏19'18	20°13'44
	-9575 Jan 07 j 17:29	0°♐	
retrograde	-9575 Jan 14 j 16:16	2°♐10'59	
evening set	-9575 Jan 17 j 05:29	1°♐54'32	
	-9575 Jan 22 j 05:59	30°℞♏	
inferior conj	-9575 Jan 25 j 21:38	27°♏54'18	2°58'45
minimum elong	-9575 Jan 26 j 03:18	27°♏45'42	2°56'56
min. Earth dist.	-9575 Jan 27 j 19:24	26°♏45'14	0.55923 AU
morning rise	-9575 Feb 03 j 23:15	23°♏25'08	
desc. node	-9575 Feb 07 j 05:34	22°♏54'00	
direct	-9575 Feb 07 j 18:17	22°♏53'22	
morning max el	-9575 Feb 21 j 08:37	29°♏37'57	23°30'49
	-9575 Feb 21 j 17:45	0°♐	
	-9575 Mar 13 j 12:50	0°♑	
morning set	-9575 Mar 16 j 23:10	7°♑00'39	
asc. node	-9575 Mar 20 j 17:36	15°♑00'55	
superior conj	-9575 Mar 24 j 01:49	22°♑11'16	0°32'19
minimum elong	-9575 Mar 24 j 00:27	22°♑03'56	0°31'31
max. Earth dist.	-9575 Mar 26 j 05:21	26°♑45'10	1.33737 AU
	-9575 Mar 27 j 18:30	0°♒	
evening rise	-9575 Mar 31 j 17:02	8°♒02'03	
	-9575 Apr 12 j 17:09	0°♓	
evening max el	-9575 May 04 j 07:58	29°♓09'21	27°25'31
	-9575 May 05 j 05:19	0°♈	
desc. node	-9575 May 06 j 04:16	0°♈51'56	
retrograde	-9575 May 18 j 00:52	6°♈41'50	
evening set	-9575 May 25 j 01:10	4°♈03'48	
min. Earth dist.	-9575 May 28 j 16:31	0°♈47'02	0.63582 AU
	-9575 May 29 j 10:42	30°℞♓	
inferior conj	-9575 May 31 j 06:47	28°♓03'19	-3°37'25
minimum elong	-9575 May 31 j 08:13	27°♓59'31	3°37'23
morning rise	-9575 Jun 06 j 16:08	22°♓44'46	
direct	-9575 Jun 09 j 10:49	22°♓06'04	
morning max el	-9575 Jun 15 j 22:56	25°♓30'33	18°04'38
asc. node	-9575 Jun 16 j 17:59	26°♓20'07	
	-9575 Jun 19 j 17:08	0°♈	
morning set	-9575 Jul 03 j 09:31	22°♈23'36	
	-9575 Jul 07 j 19:39	0°♉	
superior conj	-9575 Jul 16 j 02:13	13°♉52'35	1°29'45
minimum elong	-9575 Jul 16 j 07:58	14°♉16'13	1°29'39
max. Earth dist.	-9575 Jul 21 j 14:15	22°♉48'52	1.43736 AU
	-9575 Jul 26 j 02:34	0°♊	
evening rise	-9575 Aug 01 j 05:26	9°♊34'30	
desc. node	-9575 Aug 02 j 01:28	10°♊52'05	
	-9575 Aug 14 j 15:40	0°♋	
evening max el	-9575 Aug 28 j 21:34	18°♋55'56	20°26'44
retrograde	-9575 Sep 05 j 19:30	23°♋33'54	
evening set	-9575 Sep 09 j 13:37	22°♋12'42	
asc. node	-9575 Sep 12 j 18:04	19°♋03'28	
inferior conj	-9575 Sep 15 j 00:05	16°♋08'19	0°43'54
minimum elong	-9575 Sep 14 j 23:05	16°♋11'41	0°44'03
min. Earth dist.	-9575 Sep 15 j 17:57	15°♋08'15	0.66673 AU
morning rise	-9575 Sep 20 j 08:18	9°♋49'17	
direct	-9575 Sep 25 j 20:01	7°♋28'26	
morning max el	-9575 Oct 07 j 06:14	14°♋17'20	24°40'22
	-9575 Oct 20 j 02:41	0°♌	
desc. node	-9575 Oct 29 j 01:05	12°♌58'25	
	-9575 Nov 08 j 15:39	0°♍	
morning set	-9575 Nov 12 j 02:42	5°♍57'13	
max. Earth dist.	-9575 Nov 15 j 23:33	12°♍51'38	1.37780 AU
superior conj	-9575 Nov 22 j 15:24	25°♍22'58	-1°43'15
minimum elong	-9575 Nov 22 j 15:36	25°♍23'57	1°43'08
	-9575 Nov 25 j 00:07	0°♎	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening rise	-9575 Dec 01 j 02:03	12°♎05'34	
asc. node	-9575 Dec 09 j 16:16	28°♎11'44	
	-9575 Dec 10 j 18:39	0°♏	
evening max el	-9575 Dec 18 j 00:40	9°♏23'56	19°12'41
retrograde	-9575 Dec 26 j 20:49	13°♏36'01	
evening set	-9575 Dec 29 j 08:56	13°♏17'17	
inferior conj	-9574 Jan 06 j 11:19	9°♏04'21	3°56'05
minimum elong	-9574 Jan 06 j 14:58	8°♏58'07	3°55'19
min. Earth dist.	-9574 Jan 09 j 09:43	7°♏04'47	0.57209 AU
morning rise	-9574 Jan 14 j 18:42	4°♏09'34	
direct	-9574 Jan 19 j 22:18	3°♏07'56	
desc. node	-9574 Jan 25 j 02:26	4°♏10'16	
morning max el	-9574 Feb 02 j 23:20	10°♏17'46	25°06'13
	-9574 Feb 17 j 20:16	0°♐	
morning set	-9574 Mar 01 j 11:37	22°♐05'36	
	-9574 Mar 05 j 04:27	0°♑	
asc. node	-9574 Mar 07 j 14:37	5°♑15'38	
superior conj	-9574 Mar 08 j 11:27	7°♑08'44	0°08'34
minimum elong	-9574 Mar 08 j 11:06	7°♑06'52	0°07'56
behind sun begin	-9574 Mar 08 j 06:42	6°♑42'59	
behind sun end	-9574 Mar 08 j 15:30	7°♑30'44	
max. Earth dist.	-9574 Mar 09 j 14:33	9°♑35'34	1.33102 AU
evening rise	-9574 Mar 15 j 18:29	22°♑35'58	
	-9574 Mar 19 j 11:47	0°♒	
	-9574 Apr 06 j 15:50	0°♓	
evening max el	-9574 Apr 16 j 15:35	11°♓43'25	27°17'09
desc. node	-9574 Apr 23 j 01:38	16°♓48'45	
retrograde	-9574 Apr 30 j 14:58	19°♓13'14	
evening set	-9574 May 07 j 11:06	16°♓58'51	
min. Earth dist.	-9574 May 11 j 04:20	14°♓03'45	0.61768 AU
inferior conj	-9574 May 14 j 06:55	11°♓09'57	-3°41'46
minimum elong	-9574 May 14 j 06:35	11°♓10'45	3°42'01
morning rise	-9574 May 21 j 03:40	6°♓10'33	
direct	-9574 May 23 j 18:31	5°♓40'21	
morning max el	-9574 May 30 j 12:43	9°♓04'03	18°01'50
asc. node	-9574 Jun 03 j 14:48	13°♓58'17	
	-9574 Jun 13 j 06:44	0°♈	
morning set	-9574 Jun 15 j 21:36	4°♈43'49	
superior conj	-9574 Jun 26 j 21:39	24°♈16'38	1°46'43
minimum elong	-9574 Jun 27 j 00:03	24°♈27'01	1°46'48
	-9574 Jun 30 j 06:10	0°♉	
max. Earth dist.	-9574 Jul 04 j 00:09	6°♉14'58	1.42392 AU
evening rise	-9574 Jul 11 j 08:14	18°♉04'31	
	-9574 Jul 19 j 01:07	0°♊	
desc. node	-9574 Jul 19 j 22:46	1°♊22'00	
	-9574 Aug 09 j 14:46	0°♋	
evening max el	-9574 Aug 11 j 18:33	2°♋19'48	21°38'11
retrograde	-9574 Aug 20 j 15:23	7°♋34'19	
evening set	-9574 Aug 24 j 22:00	5°♋53'24	
inferior conj	-9574 Aug 30 j 05:08	29°♊42'30	-0°08'08
minimum elong	-9574 Aug 30 j 05:18	29°♊41'56	0°07'30
transit middle	-9574 Aug 30 j 05:18	29°♊41'56	0°07'30
transit begin	-9574 Aug 30 j 02:54	29°♊50'12	
transit end	-9574 Aug 30 j 07:42	29°♊33'39	
	-9574 Aug 30 j 00:03	30°℞♊	
min. Earth dist.	-9574 Aug 30 j 12:28	29°♊17'15	0.67115 AU
asc. node	-9574 Aug 30 j 15:07	29°♊08'08	
morning rise	-9574 Sep 04 j 12:27	23°♊23'36	
direct	-9574 Sep 09 j 09:42	21°♊21'34	
morning max el	-9574 Sep 19 j 16:26	27°♊31'59	23°16'20
	-9574 Sep 21 j 23:36	0°♋	
	-9574 Oct 13 j 19:34	0°♌	
desc. node	-9574 Oct 15 j 21:52	3°♌14'16	
morning set	-9574 Oct 24 j 05:10	16°♌35'53	
max. Earth dist.	-9574 Oct 28 j 21:14	24°♌30'59	1.39781 AU
	-9574 Nov 01 j 00:19	0°♍	
superior conj	-9574 Nov 05 j 11:09	8°♍03'32	-1°39'56
minimum elong	-9574 Nov 05 j 09:13	7°♍54'40	1°39'35
evening rise	-9574 Nov 14 j 19:57	25°♍48'42	
	-9574 Nov 17 j 00:33	0°♎	
asc. node	-9574 Nov 26 j 13:32	16°♎28'31	
evening max el	-9574 Dec 01 j 02:36	21°♎59'32	18°31'34
retrograde	-9574 Dec 08 j 19:23	25°♎45'57	
evening set	-9574 Dec 11 j 07:44	25°♎23'11	
inferior conj	-9574 Dec 18 j 20:16	20°♎49'57	4°15'11
minimum elong	-9574 Dec 18 j 20:23	20°♎49'43	4°15'02
min. Earth dist.	-9574 Dec 22 j 02:35	18°♎16'19	0.58953 AU
morning rise	-9574 Dec 26 j 07:14	15°♎32'58	
direct	-9573 Jan 01 j 14:06	13°♎53'07	
desc. node	-9573 Jan 11 j 23:14	18°♎02'43	
morning max el	-9573 Jan 15 j 16:25	21°♎14'44	26°26'32
	-9573 Jan 23 j 08:23	0°♏	
	-9573 Feb 10 j 11:02	0°♐	
morning set	-9573 Feb 13 j 22:59	7°♐08'05	
superior conj	-9573 Feb 20 j 22:58	22°♐12'26	-0°15'04
minimum elong	-9573 Feb 20 j 23:37	22°♐16'01	0°15'30
behind sun begin	-9573 Feb 20 j 22:45	22°♐11'16	
behind sun end	-9573 Feb 21 j 00:29	22°♐20'46	
max. Earth dist.	-9573 Feb 21 j 03:46	22°♐38'42	1.32793 AU
asc. node	-9573 Feb 22 j 11:41	25°♐32'48	
	-9573 Feb 24 j 13:00	0°♑	
evening rise	-9573 Feb 28 j 01:16	7°♑26'15	
	-9573 Mar 12 j 00:55	0°♒	
evening max el	-9573 Mar 29 j 18:15	23°♒40'57	26°36'00
	-9573 Apr 07 j 18:37	0°♓	
desc. node	-9573 Apr 09 j 22:53	0°♓42'32	
retrograde	-9573 Apr 12 j 20:45	1°♓03'51	
	-9573 Apr 17 j 19:49	30°℞♒	
evening set	-9573 Apr 19 j 02:38	29°♒23'11	
min. Earth dist.	-9573 Apr 23 j 07:29	26°♒35'22	0.59782 AU
inferior conj	-9573 Apr 26 j 16:07	23°♒51'56	-3°25'00
minimum elong	-9573 Apr 26 j 13:32	23°♒57'13	3°25'05
morning rise	-9573 May 04 j 02:55	19°♒12'56	
direct	-9573 May 06 j 14:25	18°♒49'56	
morning max el	-9573 May 13 j 23:53	22°♒24'48	18°18'05
	-9573 May 19 j 23:26	0°♓	
asc. node	-9573 May 21 j 11:38	2°♓23'48	
morning set	-9573 May 30 j 02:05	17°♓54'16	
	-9573 Jun 05 j 12:39	0°♈	
superior conj	-9573 Jun 08 j 18:48	5°♈58'23	1°49'31
minimum elong	-9573 Jun 08 j 18:06	5°♈55'16	1°49'30
max. Earth dist.	-9573 Jun 16 j 04:36	19°♈01'33	1.40656 AU
evening rise	-9573 Jun 21 j 05:47	27°♈29'07	
	-9573 Jun 22 j 18:44	0°♉	
desc. node	-9573 Jul 06 j 20:06	21°♉40'00	
	-9573 Jul 12 j 16:31	0°♊	
evening max el	-9573 Jul 25 j 09:18	15°♊41'15	22°57'52
retrograde	-9573 Aug 04 j 08:58	21°♊36'33	
evening set	-9573 Aug 09 j 05:43	19°♊34'24	
inferior conj	-9573 Aug 14 j 11:25	13°♊19'42	-0°58'16
minimum elong	-9573 Aug 14 j 12:38	13°♊15'28	0°57'16
min. Earth dist.	-9573 Aug 14 j 08:19	13°♊30'22	0.67261 AU
asc. node	-9573 Aug 17 j 12:07	9°♊22'04	
morning rise	-9573 Aug 19 j 19:28	7°♊04'29	
direct	-9573 Aug 24 j 03:18	5°♊21'49	
morning max el	-9573 Sep 02 j 06:24	10°♊49'35	21°53'14
	-9573 Sep 17 j 02:31	0°♋	
desc. node	-9573 Oct 02 j 18:42	23°♋42'32	
morning set	-9573 Oct 04 j 04:40	25°♋57'08	

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	-9573 Oct 06 j 17:15	0°♌	
max. Earth dist.	-9573 Oct 10 j 23:26	6°♌58'19	1.41706 AU
superior conj	-9573 Oct 18 j 10:36	19°♌41'20	-1°25'13
minimum elong	-9573 Oct 18 j 06:24	19°♌23'01	1°24'27
	-9573 Oct 24 j 05:31	0°♍	
evening rise	-9573 Oct 29 j 02:51	8°♍56'37	
	-9573 Nov 10 j 09:16	0°♎	
asc. node	-9573 Nov 13 j 10:49	3°♎54'08	
evening max el	-9573 Nov 14 j 11:09	4°♎58'10	18°10'34
retrograde	-9573 Nov 21 j 10:52	8°♎32'08	
evening set	-9573 Nov 24 j 00:07	8°♎04'13	
inferior conj	-9573 Dec 01 j 00:02	3°♎09'00	4°04'52
minimum elong	-9573 Nov 30 j 21:33	3°♎14'40	4°04'38
min. Earth dist.	-9573 Dec 04 j 01:44	0°♎22'16	0.60840 AU
	-9573 Dec 04 j 12:04	30°℞♍	
morning rise	-9573 Dec 07 j 17:42	27°♍33'33	
direct	-9573 Dec 14 j 15:54	25°♍18'57	
	-9573 Dec 25 j 11:52	0°♎	
morning max el	-9573 Dec 28 j 15:46	2°♎47'47	27°18'51
desc. node	-9573 Dec 29 j 19:57	3°♎57'47	
	-9572 Jan 17 j 15:51	0°♏	
morning set	-9572 Jan 29 j 07:20	21°♏59'53	
	-9572 Feb 02 j 02:23	0°♐	
max. Earth dist.	-9572 Feb 04 j 17:06	5°♐39'24	1.32805 AU
superior conj	-9572 Feb 05 j 10:39	7°♐15'02	-0°37'48
minimum elong	-9572 Feb 05 j 12:10	7°♐23'17	0°38'01
asc. node	-9572 Feb 09 j 08:48	15°♐47'24	
evening rise	-9572 Feb 12 j 11:12	22°♐23'48	
	-9572 Feb 16 j 04:36	0°♑	
	-9572 Mar 05 j 23:15	0°♒	
evening max el	-9572 Mar 10 j 15:02	5°♒00'07	25°26'15
retrograde	-9572 Mar 24 j 16:31	12°♒10'48	
desc. node	-9572 Mar 26 j 20:04	11°♒59'46	
evening set	-9572 Mar 29 j 22:34	11°♒05'42	
min. Earth dist.	-9572 Apr 04 j 03:59	8°♒10'36	0.57858 AU
inferior conj	-9572 Apr 07 j 06:52	5°♒59'25	-2°39'52
minimum elong	-9572 Apr 07 j 02:43	6°♒06'45	2°39'26
morning rise	-9572 Apr 15 j 10:04	1°♒40'10	
direct	-9572 Apr 17 j 18:07	1°♒23'11	
morning max el	-9572 Apr 26 j 05:36	5°♒23'35	18°54'01
asc. node	-9572 May 07 j 08:28	21°♒25'09	
	-9572 May 11 j 21:19	0°♓	
morning set	-9572 May 12 j 18:37	1°♓43'47	
superior conj	-9572 May 21 j 12:21	18°♓43'34	1°41'52
minimum elong	-9572 May 21 j 09:55	18°♓31'59	1°41'31
	-9572 May 27 j 14:17	0°♈	
max. Earth dist.	-9572 May 28 j 05:13	1°♈07'03	1.38763 AU
evening rise	-9572 Jun 01 j 06:31	8°♈14'39	
	-9572 Jun 14 j 17:13	0°♉	
desc. node	-9572 Jun 22 j 17:28	11°♉40'19	
evening max el	-9572 Jul 06 j 20:01	29°♉02'44	24°19'39
	-9572 Jul 07 j 19:30	0°♊	
retrograde	-9572 Jul 17 j 23:14	5°♊37'12	
evening set	-9572 Jul 23 j 10:56	3°♊14'44	
	-9572 Jul 26 j 10:30	30°℞♉	
min. Earth dist.	-9572 Jul 28 j 03:09	27°♉46'15	0.67096 AU
inferior conj	-9572 Jul 28 j 17:12	26°♉58'42	-1°44'59
minimum elong	-9572 Jul 28 j 19:16	26°♉51'42	1°43'48
morning rise	-9572 Aug 03 j 03:36	20°♉50'29	
asc. node	-9572 Aug 03 j 09:05	20°♉40'39	
direct	-9572 Aug 06 j 23:46	19°♉25'54	
morning max el	-9572 Aug 15 j 02:27	24°♉13'23	20°37'40
	-9572 Aug 20 j 00:18	0°♊	
	-9572 Sep 09 j 11:58	0°♋	
morning set	-9572 Sep 12 j 09:05	4°♋27'36	
desc. node	-9572 Sep 18 j 15:37	14°♋19'03	
max. Earth dist.	-9572 Sep 22 j 08:07	20°♋13'18	1.43276 AU
superior conj	-9572 Sep 28 j 08:10	0°♌02'40	-0°56'54
minimum elong	-9572 Sep 28 j 03:17	29°♋42'20	0°55'49
	-9572 Sep 28 j 07:32	0°♌	
evening rise	-9572 Oct 10 j 18:32	21°♌19'41	
	-9572 Oct 15 j 17:34	0°♍	
evening max el	-9572 Oct 27 j 23:33	18°♍13'00	18°09'05
asc. node	-9572 Oct 30 j 08:05	20°♍14'05	
retrograde	-9572 Nov 03 j 15:10	21°♍45'10	
evening set	-9572 Nov 06 j 06:51	21°♍10'30	
inferior conj	-9572 Nov 12 j 19:40	15°♍55'01	3°35'12
minimum elong	-9572 Nov 12 j 16:05	16°♍04'15	3°34'40
min. Earth dist.	-9572 Nov 15 j 10:13	13°♍14'29	0.62624 AU
morning rise	-9572 Nov 19 j 00:24	10°♍04'19	
direct	-9572 Nov 26 j 02:21	7°♍26'35	
morning max el	-9572 Dec 09 j 21:13	15°♍00'49	27°36'31
desc. node	-9572 Dec 15 j 16:40	21°♍22'32	
	-9572 Dec 22 j 05:47	0°♎	
	-9571 Jan 09 j 02:57	0°♏	
morning set	-9571 Jan 12 j 10:28	6°♏33'10	
max. Earth dist.	-9571 Jan 18 j 02:40	18°♏23'44	1.33166 AU
superior conj	-9571 Jan 19 j 20:52	22°♏10'40	-0°58'48
minimum elong	-9571 Jan 19 j 23:00	22°♏22'07	0°58'52
	-9571 Jan 23 j 11:38	0°♐	
asc. node	-9571 Jan 26 j 05:59	5°♐55'05	
evening rise	-9571 Jan 26 j 22:29	7°♐22'03	
	-9571 Feb 07 j 23:38	0°♑	
evening max el	-9571 Feb 20 j 08:10	15°♑54'08	23°57'52
retrograde	-9571 Mar 06 j 00:32	22°♑40'54	
evening set	-9571 Mar 10 j 02:32	22°♑03'52	
desc. node	-9571 Mar 13 j 17:11	20°♑35'45	
min. Earth dist.	-9571 Mar 16 j 20:57	18°♑49'06	0.56319 AU
inferior conj	-9571 Mar 19 j 01:45	17°♑27'36	-1°21'49
minimum elong	-9571 Mar 18 j 22:36	17°♑32'30	1°21'26
morning rise	-9571 Mar 27 j 21:36	13°♑22'42	
direct	-9571 Mar 30 j 03:16	13°♑09'36	
morning max el	-9571 Apr 09 j 02:58	17°♑50'59	19°49'48
	-9571 Apr 18 j 06:33	0°♒	
asc. node	-9571 Apr 24 j 05:21	10°♒53'40	
morning set	-9571 Apr 26 j 19:47	16°♒03'23	
	-9571 May 03 j 17:28	0°♓	
superior conj	-9571 May 04 j 20:59	2°♓17'06	1°27'06
minimum elong	-9571 May 04 j 18:01	2°♓02'23	1°26'26
max. Earth dist.	-9571 May 10 j 07:26	12°♓49'33	1.36968 AU
evening rise	-9571 May 14 j 08:21	20°♓17'24	
	-9571 May 19 j 21:15	0°♈	
	-9571 Jun 08 j 16:02	0°♉	
desc. node	-9571 Jun 09 j 14:53	1°♉14'58	
evening max el	-9571 Jun 19 j 05:41	12°♉26'04	25°35'35
retrograde	-9571 Jul 01 j 09:24	19°♉31'01	
evening set	-9571 Jul 07 j 11:33	16°♉52'19	
min. Earth dist.	-9571 Jul 11 j 18:40	12°♉02'01	0.66600 AU
inferior conj	-9571 Jul 12 j 20:42	10°♉37'26	-2°26'45
minimum elong	-9571 Jul 12 j 23:18	10°♉29'01	2°25'39
morning rise	-9571 Jul 18 j 11:05	4°♉39'16	
asc. node	-9571 Jul 21 j 06:01	3°♉32'53	
direct	-9571 Jul 21 j 21:40	3°♉30'27	
morning max el	-9571 Jul 29 j 05:07	7°♉43'46	19°34'13
	-9571 Aug 14 j 04:56	0°♊	
morning set	-9571 Aug 22 j 13:21	13°♊00'16	
	-9571 Sep 02 j 09:00	0°♋	
max. Earth dist.	-9571 Sep 04 j 21:49	4°♋00'48	1.44292 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9571 Sep 05 j 12:38	4°♋59'37	
superior conj	-9571 Sep 08 j 02:14	9°♋05'12	-0°15'36
minimum elong	-9571 Sep 08 j 00:27	8°♋58'05	0°14'47
behind sun begin	-9571 Sep 07 j 19:41	8°♋39'00	
behind sun end	-9571 Sep 08 j 05:14	9°♋17'10	
	-9571 Sep 20 j 22:06	0°♌	
evening rise	-9571 Sep 22 j 13:34	2°♌44'12	
	-9571 Oct 10 j 01:45	0°♍	
evening max el	-9571 Oct 11 j 12:53	1°♍36'54	18°26'12
asc. node	-9571 Oct 17 j 05:20	5°♍11'26	
retrograde	-9571 Oct 18 j 04:06	5°♍16'19	
evening set	-9571 Oct 21 j 00:16	4°♍32'32	
	-9571 Oct 26 j 06:07	30°℞♌	
inferior conj	-9571 Oct 27 j 03:32	28°♌59'27	2°53'44
minimum elong	-9571 Oct 27 j 00:01	29°♌09'29	2°53'04
min. Earth dist.	-9571 Oct 29 j 04:48	26°♌39'11	0.64159 AU
morning rise	-9571 Nov 01 j 23:08	22°♌56'45	
direct	-9571 Nov 08 j 20:04	20°♌10'03	
morning max el	-9571 Nov 22 j 06:08	27°♌44'41	27°19'51
	-9571 Nov 24 j 10:46	0°♍	
desc. node	-9571 Dec 02 j 13:22	9°♍50'28	
	-9571 Dec 15 j 21:28	0°♎	
morning set	-9571 Dec 27 j 05:38	20°♎38'18	
	-9571 Dec 31 j 21:01	0°♏	
max. Earth dist.	-9570 Jan 01 j 04:39	0°♏39'31	1.33918 AU
superior conj	-9570 Jan 04 j 03:47	6°♏52'42	-1°17'11
minimum elong	-9570 Jan 04 j 06:09	7°♏05'11	1°17'10
evening rise	-9570 Jan 11 j 09:26	22°♏14'53	
asc. node	-9570 Jan 13 j 03:14	25°♏51'03	
	-9570 Jan 15 j 04:46	0°♐	
evening max el	-9570 Feb 02 j 02:47	26°♐46'45	22°24'08
	-9570 Feb 06 j 03:14	0°♑	
retrograde	-9570 Feb 14 j 20:27	2°♑53'39	
evening set	-9570 Feb 17 j 23:51	2°♑32'00	
	-9570 Feb 24 j 06:51	30°℞♐	
min. Earth dist.	-9570 Feb 26 j 12:20	28°♐45'24	0.55476 AU
inferior conj	-9570 Feb 27 j 04:27	28°♐22'19	0°22'14
minimum elong	-9570 Feb 27 j 05:24	28°♐20'57	0°21'20
desc. node	-9570 Feb 28 j 14:14	27°♐34'19	
morning rise	-9570 Mar 08 j 12:00	24°♐19'45	
direct	-9570 Mar 10 j 21:52	24°♐06'16	
morning max el	-9570 Mar 22 j 13:41	29°♐39'10	21°04'36
	-9570 Mar 22 j 22:23	0°♑	
	-9570 Apr 10 j 17:59	0°♒	
morning set	-9570 Apr 11 j 02:53	0°♒45'33	
asc. node	-9570 Apr 11 j 02:18	0°♒42'33	
superior conj	-9570 Apr 18 j 16:24	16°♒26'39	1°07'46
minimum elong	-9570 Apr 18 j 13:43	16°♒12'54	1°06'55
max. Earth dist.	-9570 Apr 22 j 17:41	24°♒38'53	1.35445 AU
	-9570 Apr 25 j 11:18	0°♓	
evening rise	-9570 Apr 27 j 05:41	3°♓22'06	
	-9570 May 12 j 18:44	0°♈	
desc. node	-9570 May 27 j 12:18	20°♈13'28	
evening max el	-9570 Jun 01 j 16:19	25°♈49'40	26°36'59
	-9570 Jun 06 j 12:49	0°♉	
retrograde	-9570 Jun 14 j 14:47	3°♉12'36	
evening set	-9570 Jun 21 j 05:19	0°♉25'20	
	-9570 Jun 21 j 16:47	30°℞♈	
min. Earth dist.	-9570 Jun 25 j 04:34	26°♈14'03	0.65740 AU
inferior conj	-9570 Jun 26 j 19:57	24°♈14'03	-3°01'47
minimum elong	-9570 Jun 26 j 22:36	24°♈05'57	3°01'01
morning rise	-9570 Jul 02 j 16:05	18°♈28'59	
direct	-9570 Jul 05 j 19:12	17°♈33'27	
asc. node	-9570 Jul 08 j 02:55	18°♈02'53	
morning max el	-9570 Jul 12 j 13:34	21°♈20'22	18°45'54
	-9570 Jul 19 j 07:28	0°♉	
morning set	-9570 Aug 02 j 12:16	22°♉26'48	
	-9570 Aug 07 j 05:06	0°♊	
superior conj	-9570 Aug 18 j 02:56	17°♊20'29	0°31'37
minimum elong	-9570 Aug 18 j 06:51	17°♊35'58	0°31'41
max. Earth dist.	-9570 Aug 18 j 14:28	18°♊06'03	1.44634 AU
desc. node	-9570 Aug 23 j 09:44	25°♊41'29	
	-9570 Aug 26 j 03:05	0°♋	
evening rise	-9570 Sep 03 j 07:01	12°♋58'42	
	-9570 Sep 14 j 00:16	0°♌	
evening max el	-9570 Sep 25 j 00:24	15°♌05'05	19°00'42
retrograde	-9570 Oct 01 j 22:08	19°♌00'13	
asc. node	-9570 Oct 04 j 02:34	18°♌32'50	
evening set	-9570 Oct 05 j 01:07	18°♌04'17	
inferior conj	-9570 Oct 10 j 20:29	12°♌16'35	2°05'33
minimum elong	-9570 Oct 10 j 17:43	12°♌25'09	2°05'03
min. Earth dist.	-9570 Oct 12 j 08:39	10°♌24'51	0.65383 AU
morning rise	-9570 Oct 16 j 09:54	6°♌05'03	
direct	-9570 Oct 22 j 20:00	3°♌22'08	
morning max el	-9570 Nov 04 j 16:03	10°♌47'57	26°33'46
desc. node	-9570 Nov 19 j 10:04	29°♌03'07	
	-9570 Nov 20 j 01:53	0°♍	
	-9570 Dec 08 j 08:55	0°♎	
morning set	-9570 Dec 10 j 13:12	4°♎03'44	
max. Earth dist.	-9570 Dec 14 j 20:15	12°♎22'39	1.35102 AU
superior conj	-9570 Dec 19 j 05:10	21°♎13'39	-1°31'47
minimum elong	-9570 Dec 19 j 07:14	21°♎24'20	1°31'45
	-9570 Dec 23 j 10:20	0°♏	
evening rise	-9570 Dec 26 j 18:21	6°♏56'23	
asc. node	-9570 Dec 31 j 00:31	15°♏29'27	
	-9569 Jan 08 j 11:46	0°♐	
evening max el	-9569 Jan 15 j 04:01	7°♐59'35	20°57'11
retrograde	-9569 Jan 26 j 10:18	13°♐17'45	
evening set	-9569 Jan 29 j 02:25	13°♐01'01	
inferior conj	-9569 Feb 07 j 01:17	9°♐02'38	2°08'20
minimum elong	-9569 Feb 07 j 06:18	8°♐55'23	2°06'21
min. Earth dist.	-9569 Feb 08 j 02:25	8°♐26'25	0.55514 AU
desc. node	-9569 Feb 15 j 11:13	5°♐01'06	
morning rise	-9569 Feb 16 j 09:07	4°♐47'04	
direct	-9569 Feb 19 j 12:27	4°♐25'25	
morning max el	-9569 Mar 04 j 13:24	10°♐47'16	22°34'55
	-9569 Mar 18 j 11:58	0°♑	
morning set	-9569 Mar 26 j 13:34	15°♑42'07	
asc. node	-9569 Mar 28 j 23:16	20°♑45'19	
	-9569 Apr 02 j 07:40	0°♒	
superior conj	-9569 Apr 02 j 19:14	1°♒01'09	0°45'43
minimum elong	-9569 Apr 02 j 17:19	0°♒51'01	0°44'51
max. Earth dist.	-9569 Apr 05 j 14:22	6°♒52'38	1.34265 AU
evening rise	-9569 Apr 10 j 17:02	17°♒11'24	
	-9569 Apr 17 j 13:24	0°♓	
	-9569 May 07 j 03:11	0°♈	
desc. node	-9569 May 14 j 09:42	8°♈19'49	
evening max el	-9569 May 15 j 03:23	9°♈03'36	27°15'53
retrograde	-9569 May 28 j 14:39	16°♈33'52	
evening set	-9569 Jun 04 j 13:21	13°♈48'50	
min. Earth dist.	-9569 Jun 08 j 06:41	10°♈14'07	0.64487 AU
inferior conj	-9569 Jun 10 j 12:32	7°♈43'49	-3°27'47
minimum elong	-9569 Jun 10 j 14:38	7°♈37'56	3°27'30
morning rise	-9569 Jun 16 j 16:25	2°♈14'44	
direct	-9569 Jun 19 j 13:52	1°♈30'18	
asc. node	-9569 Jun 24 j 23:46	3°♈58'25	
morning max el	-9569 Jun 26 j 02:00	4°♈59'54	18°14'33
	-9569 Jul 12 j 16:46	0°♉	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9569 Jul 14 j 12:51	3°♉05'35		
superior conj	-9569 Jul 28 j 07:56	25°♉50'23	1°12'39	
minimum elong	-9569 Jul 28 j 14:30	26°♉16'46	1°12'26	
	-9569 Jul 30 j 22:11	0°♊		
max. Earth dist.	-9569 Aug 01 j 07:12	2°♊11'38	1.44261 AU	
desc. node	-9569 Aug 10 j 06:56	16°♊21'30		
evening rise	-9569 Aug 13 j 22:36	22°♊03'11		
	-9569 Aug 19 j 01:40	0°♋		
greatest brilliancy	-9569 Aug 26 j 07:15	11°♋03'11	-0.7m	
evening max el	-9569 Sep 08 j 07:31	28°♋33'22	19°51'14	
	-9569 Sep 09 j 19:41	0°♌		
retrograde	-9569 Sep 15 j 18:37	2°♌53'03		
evening set	-9569 Sep 19 j 06:38	1°♌41'47		
asc. node	-9569 Sep 20 j 23:42	0°♌16'28		
	-9569 Sep 21 j 06:20	30°℞♋		
inferior conj	-9569 Sep 24 j 19:49	25°♋42'29	1°14'04	
minimum elong	-9569 Sep 24 j 18:08	25°♋48'01	1°13'56	
min. Earth dist.	-9569 Sep 25 j 19:59	24°♋23'17	0.66287 AU	
morning rise	-9569 Sep 30 j 05:23	19°♋25'24		
direct	-9569 Oct 06 j 01:35	16°♋55'07		
morning max el	-9569 Oct 18 j 01:42	24°♋00'39	25°25'58	
	-9569 Oct 23 j 11:26	0°♌		
desc. node	-9569 Nov 06 j 06:48	18°♌47'27		
	-9569 Nov 13 j 11:31	0°♍		
morning set	-9569 Nov 23 j 04:30	16°♍35'55		
max. Earth dist.	-9569 Nov 27 j 01:20	23°♍43'19	1.36705 AU	
	-9569 Nov 30 j 08:08	0°♎		
superior conj	-9569 Dec 02 j 22:08	5°♎04'40	-1°41'05	
minimum elong	-9569 Dec 02 j 23:15	5°♎10'11	1°41'01	
evening rise	-9569 Dec 10 j 23:19	21°♎20'42		
	-9569 Dec 15 j 08:33	0°♏		
asc. node	-9569 Dec 17 j 21:47	4°♏43'33		
evening max el	-9569 Dec 28 j 14:55	19°♏44'46	19°45'24	
retrograde	-9568 Jan 07 j 06:52	24°♏18'08		
evening set	-9568 Jan 09 j 19:30	24°♏00'52		
inferior conj	-9568 Jan 18 j 05:54	19°♏56'17	3°28'01	
minimum elong	-9568 Jan 18 j 11:07	19°♏48'00	3°26'36	
min. Earth dist.	-9568 Jan 20 j 16:00	18°♏24'41	0.56395 AU	
morning rise	-9568 Jan 27 j 00:39	15°♏16'36		
direct	-9568 Jan 31 j 09:26	14°♏33'59		
desc. node	-9568 Feb 02 j 08:06	14°♏42'39		
morning max el	-9568 Feb 14 j 05:41	21°♏30'29	24°12'15	
	-9568 Feb 21 j 13:39	0°♐		
	-9568 Mar 09 j 17:02	0°♑		
morning set	-9568 Mar 10 j 01:55	0°♑46'27		
asc. node	-9568 Mar 14 j 20:16	10°♑57'15		
superior conj	-9568 Mar 17 j 02:59	15°♑52'36	0°22'18	
minimum elong	-9568 Mar 17 j 02:03	15°♑47'32	0°21'32	
max. Earth dist.	-9568 Mar 18 j 19:58	19°♑32'26	1.33435 AU	
	-9568 Mar 23 j 20:04	0°♒		
evening rise	-9568 Mar 24 j 14:18	1°♒32'17		
	-9568 Apr 09 j 12:08	0°♓		
evening max el	-9568 Apr 26 j 12:48	21°♓55'04	27°25'48	
desc. node	-9568 Apr 30 j 07:03	25°♓12'08		
retrograde	-9568 May 10 j 08:26	29°♓26'17		
evening set	-9568 May 17 j 08:22	26°♓56'38		
min. Earth dist.	-9568 May 20 j 23:36	23°♓50'53	0.62855 AU	
inferior conj	-9568 May 23 j 19:36	21°♓00'49	-3°41'24	
minimum elong	-9568 May 23 j 20:23	20°♓58'52	3°41'33	
morning rise	-9568 May 30 j 09:30	15°♓50'18		
direct	-9568 Jun 02 j 02:35	15°♓15'17		
morning max el	-9568 Jun 08 j 16:03	18°♓37'37	18°01'09	
asc. node	-9568 Jun 10 j 20:35	21°♓03'35		
	-9568 Jun 16 j 22:59	0°♈		
morning set	-9568 Jun 25 j 13:17	14°♈51'51		
	-9568 Jul 04 j 06:02	0°♉		
superior conj	-9568 Jul 07 j 11:33	5°♉27'43	1°38'54	
minimum elong	-9568 Jul 07 j 16:01	5°♉46'25	1°38'54	
max. Earth dist.	-9568 Jul 13 j 20:27	15°♉57'37	1.43229 AU	
evening rise	-9568 Jul 22 j 23:47	0°♊28'13		
	-9568 Jul 22 j 16:32	0°♊		
desc. node	-9568 Jul 27 j 04:11	6°♊56'14		
	-9568 Aug 11 j 18:20	0°♋		
evening max el	-9568 Aug 21 j 08:18	11°♋58'32	20°55'49	
retrograde	-9568 Aug 29 j 15:17	16°♋51'23		
evening set	-9568 Sep 02 j 14:32	15°♋21'51		
asc. node	-9568 Sep 06 j 20:48	10°♋43'37		
inferior conj	-9568 Sep 07 j 23:20	9°♋14'07	0°21'39	
minimum elong	-9568 Sep 07 j 22:50	9°♋15'49	0°22'01	
min. Earth dist.	-9568 Sep 08 j 12:34	8°♋29'02	0.66891 AU	
morning rise	-9568 Sep 13 j 06:58	2°♋54'48		
direct	-9568 Sep 18 j 12:20	0°♋42'02		
morning max el	-9568 Sep 29 j 11:17	7°♋15'32	24°05'09	
	-9568 Oct 17 j 05:05	0°♌		
desc. node	-9568 Oct 23 j 03:31	8°♌53'35		
morning set	-9568 Nov 03 j 21:51	27°♌59'12		
	-9568 Nov 05 j 01:55	0°♍		
max. Earth dist.	-9568 Nov 07 j 23:48	5°♍06'40	1.38617 AU	
superior conj	-9568 Nov 15 j 02:54	18°♍13'52	-1°43'05	
minimum elong	-9568 Nov 15 j 02:16	18°♍10'54	1°42'53	
	-9568 Nov 21 j 04:44	0°♎		
evening rise	-9568 Nov 23 j 22:00	5°♎20'27		
asc. node	-9568 Dec 03 j 19:05	23°♎24'05		
	-9568 Dec 08 j 13:28	0°♏		
evening max el	-9568 Dec 10 j 11:40	2°♏02'36	18°52'43	
retrograde	-9568 Dec 18 j 19:13	6°♏02'36		
evening set	-9568 Dec 21 j 07:11	5°♏42'23		
inferior conj	-9568 Dec 29 j 03:32	1°♏21'05	4°08'29	
minimum elong	-9568 Dec 29 j 05:41	1°♏17'10	4°08'04	
	-9568 Dec 30 j 23:57	30°℞♎		
min. Earth dist.	-9567 Jan 01 j 07:01	29°♎04'42	0.57907 AU	
morning rise	-9567 Jan 06 j 02:03	26°♎16'05		
direct	-9567 Jan 11 j 18:08	24°♎58'50		
desc. node	-9567 Jan 19 j 04:55	27°♎08'00		
	-9567 Jan 23 j 08:15	0°♏		
morning max el	-9567 Jan 25 j 20:54	2°♏14'55	25°43'08	
	-9567 Feb 14 j 12:48	0°♐		
morning set	-9567 Feb 22 j 14:08	15°♐51'21		
	-9567 Mar 01 j 03:48	0°♑		
superior conj	-9567 Mar 01 j 13:38	0°♑53'35	-0°01'32	
minimum elong	-9567 Mar 01 j 13:43	0°♑54'03	0°02'05	
behind sun begin	-9567 Mar 01 j 08:44	0°♑26'53		
behind sun end	-9567 Mar 01 j 18:42	1°♑21'12		
asc. node	-9567 Mar 01 j 17:19	1°♑13'39		
max. Earth dist.	-9567 Mar 02 j 07:17	2°♑29'36	1.32930 AU	
evening rise	-9567 Mar 08 j 18:17	16°♑13'56		
	-9567 Mar 15 j 19:27	0°♒		
	-9567 Apr 04 j 18:06	0°♓		
evening max el	-9567 Apr 08 j 18:18	4°♓13'37	27°03'23	
desc. node	-9567 Apr 17 j 04:20	10°♓21'11		
retrograde	-9567 Apr 22 j 19:24	11°♓41'38		
evening set	-9567 Apr 29 j 10:52	9°♓40'20		
min. Earth dist.	-9567 May 03 j 07:23	6°♓50'28	0.60936 AU	
inferior conj	-9567 May 06 j 13:50	3°♓58'02	-3°37'40	
minimum elong	-9567 May 06 j 12:34	4°♓00'50	3°37'54	
	-9567 May 11 j 18:29	30°℞♒		
morning rise	-9567 May 13 j 16:17	29°♒07'36		
direct	-9567 May 16 j 05:40	28°♒40'41		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9567 May 20 j 12:50	0°♓	
morning max el	-9567 May 23 j 05:10	2°♓07'23	18°06'24
asc. node	-9567 May 28 j 17:24	9°♓03'37	
morning set	-9567 Jun 08 j 08:55	27°♓34'55	
	-9567 Jun 09 j 16:23	0°♈	
superior conj	-9567 Jun 18 j 18:32	16°♈26'59	1°49'26
minimum elong	-9567 Jun 18 j 19:29	16°♈31'11	1°49'30
max. Earth dist.	-9567 Jun 26 j 03:47	29°♈07'14	1.41684 AU
	-9567 Jun 26 j 16:27	0°♉	
evening rise	-9567 Jul 02 j 08:33	9°♉15'38	
desc. node	-9567 Jul 14 j 01:31	27°♉21'59	
	-9567 Jul 15 j 20:06	0°♊	
evening max el	-9567 Aug 04 j 02:21	25°♊20'53	22°11'22
	-9567 Aug 10 j 00:37	0°♋	
retrograde	-9567 Aug 13 j 10:29	0°♋53'13	
	-9567 Aug 16 j 14:24	30°℞♊	
evening set	-9567 Aug 17 j 22:53	29°♊03'21	
inferior conj	-9567 Aug 23 j 05:08	22°♊50'15	-0°29'45
minimum elong	-9567 Aug 23 j 05:46	22°♊48'03	0°28'56
min. Earth dist.	-9567 Aug 23 j 08:02	22°♊40'14	0.67207 AU
asc. node	-9567 Aug 24 j 17:49	20°♊44'59	
morning rise	-9567 Aug 28 j 12:33	16°♊32'19	
direct	-9567 Sep 02 j 03:48	14°♊38'41	
morning max el	-9567 Sep 11 j 22:52	20°♊31'45	22°40'26
	-9567 Sep 19 j 22:13	0°♋	
desc. node	-9567 Oct 10 j 00:21	29°♋15'28	
	-9567 Oct 10 j 11:41	0°♌	
morning set	-9567 Oct 15 j 12:41	8°♌04'07	
max. Earth dist.	-9567 Oct 20 j 22:28	17°♌03'30	1.40621 AU
	-9567 Oct 28 j 08:12	0°♍	
superior conj	-9567 Oct 28 j 14:41	0°♍29'08	-1°35'15
minimum elong	-9567 Oct 28 j 11:44	0°♍15'53	1°34'44
evening rise	-9567 Nov 07 j 11:40	18°♍49'20	
	-9567 Nov 13 j 12:29	0°♎	
asc. node	-9567 Nov 20 j 16:21	11°♎20'37	
evening max el	-9567 Nov 23 j 16:43	14°♎48'32	18°20'14
retrograde	-9567 Dec 01 j 01:11	18°♎28'15	
evening set	-9567 Dec 03 j 13:40	18°♎03'34	
inferior conj	-9567 Dec 10 j 20:43	13°♎21'16	4°13'44
minimum elong	-9567 Dec 10 j 19:32	13°♎23'44	4°13'38
min. Earth dist.	-9567 Dec 14 j 02:23	10°♎39'04	0.59752 AU
morning rise	-9567 Dec 17 j 23:45	7°♎55'42	
direct	-9567 Dec 24 j 14:40	5°♎59'43	
desc. node	-9566 Jan 06 j 01:39	11°♎56'12	
morning max el	-9566 Jan 07 j 16:29	13°♎25'40	26°52'44
	-9566 Jan 20 j 22:32	0°♏	
	-9566 Feb 06 j 14:50	0°♐	
morning set	-9566 Feb 07 j 00:26	0°♐49'51	
superior conj	-9566 Feb 14 j 01:25	15°♐57'24	-0°24'52
minimum elong	-9566 Feb 14 j 02:28	16°♐03'05	0°25'12
max. Earth dist.	-9566 Feb 13 j 20:47	15°♐32'02	1.32751 AU
asc. node	-9566 Feb 16 j 14:25	21°♐30'02	
	-9566 Feb 20 j 13:39	0°♑	
evening rise	-9566 Feb 21 j 02:37	1°♑07'48	
	-9566 Mar 09 j 00:40	0°♒	
evening max el	-9566 Mar 21 j 18:22	15°♒54'05	26°09'25
desc. node	-9566 Apr 04 j 01:33	23°♒11'43	
retrograde	-9566 Apr 04 j 21:35	23°♒13'27	
evening set	-9566 Apr 10 j 18:03	21°♒48'21	
min. Earth dist.	-9566 Apr 15 j 07:38	18°♒58'52	0.58932 AU
inferior conj	-9566 Apr 18 j 15:34	16°♒26'25	-3°09'46
minimum elong	-9566 Apr 18 j 12:08	16°♒33'02	3°09'38
morning rise	-9566 Apr 26 j 09:08	11°♒56'07	
direct	-9566 Apr 28 j 18:57	11°♒36'00	
morning max el	-9566 May 06 j 14:26	15°♒20'16	18°30'54
asc. node	-9566 May 15 j 14:14	27°♒45'38	
	-9566 May 16 j 20:55	0°♓	
morning set	-9566 May 22 j 19:01	11°♓03'08	
superior conj	-9566 Jun 01 j 01:05	28°♓37'39	1°47'20
minimum elong	-9566 May 31 j 23:29	28°♓30'14	1°47'11
	-9566 Jun 01 j 18:55	0°♈	
max. Earth dist.	-9566 Jun 08 j 05:40	11°♈33'31	1.39854 AU
evening rise	-9566 Jun 12 j 17:29	19°♈14'00	
	-9566 Jun 19 j 08:05	0°♉	
desc. node	-9566 Jun 30 j 22:53	17°♉33'15	
	-9566 Jul 10 j 02:16	0°♊	
evening max el	-9566 Jul 17 j 15:01	8°♊41'57	23°32'53
retrograde	-9566 Jul 28 j 02:48	14°♊54'51	
evening set	-9566 Aug 02 j 05:45	12°♊44'05	
inferior conj	-9566 Aug 07 j 11:26	6°♊28'29	-1°18'36
minimum elong	-9566 Aug 07 j 13:03	6°♊22'56	1°17'29
min. Earth dist.	-9566 Aug 07 j 03:52	6°♊54'30	0.67230 AU
asc. node	-9566 Aug 11 j 14:48	1°♊20'50	
morning rise	-9566 Aug 12 j 20:16	0°♊15'33	
	-9566 Aug 13 j 04:38	30°℞♉	
direct	-9566 Aug 16 j 22:55	28°♉40'41	
	-9566 Aug 21 j 00:55	0°♊	
morning max el	-9566 Aug 25 j 15:05	3°♊51'02	21°19'43
	-9566 Sep 14 j 00:44	0°♋	
morning set	-9566 Sep 25 j 02:12	16°♋57'43	
desc. node	-9566 Sep 26 j 21:16	19°♋47'38	
max. Earth dist.	-9566 Oct 03 j 02:48	29°♋49'33	1.42432 AU
	-9566 Oct 03 j 05:21	0°♌	
superior conj	-9566 Oct 10 j 03:42	11°♌35'37	-1°14'56
minimum elong	-9566 Oct 09 j 22:52	11°♌15'00	1°14'00
	-9566 Oct 20 j 14:40	0°♍	
evening rise	-9566 Oct 21 j 12:37	1°♍38'51	
evening max el	-9566 Nov 07 j 03:19	27°♍55'06	18°07'41
asc. node	-9566 Nov 07 j 13:36	28°♍20'08	
	-9566 Nov 09 j 15:05	0°♎	
retrograde	-9566 Nov 13 j 22:27	1°♎26'43	
evening set	-9566 Nov 16 j 12:36	0°♎56'07	
	-9566 Nov 18 j 08:45	30°℞♍	
inferior conj	-9566 Nov 23 j 07:37	25°♍52'15	3°54'07
minimum elong	-9566 Nov 23 j 04:29	25°♍59'45	3°53'45
min. Earth dist.	-9566 Nov 26 j 05:12	23°♍05'56	0.61625 AU
morning rise	-9566 Nov 29 j 19:16	20°♍10'11	
direct	-9566 Dec 06 j 20:37	17°♍43'43	
morning max el	-9566 Dec 20 j 18:21	25°♍15'06	27°30'43
desc. node	-9566 Dec 23 j 22:24	28°♍32'52	
	-9566 Dec 25 j 05:07	0°♎	
	-9565 Jan 14 j 05:29	0°♏	
morning set	-9565 Jan 22 j 06:53	15°♏34'49	
max. Earth dist.	-9565 Jan 28 j 08:53	28°♏27'00	1.32908 AU
	-9565 Jan 29 j 02:02	0°♐	
superior conj	-9565 Jan 29 j 12:44	0°♐58'11	-0°46'57
minimum elong	-9565 Jan 29 j 14:33	1°♐08'01	0°47'06
asc. node	-9565 Feb 03 j 11:34	11°♐42'31	
evening rise	-9565 Feb 05 j 13:21	16°♐06'50	
	-9565 Feb 12 j 13:09	0°♑	
evening max el	-9565 Mar 03 j 13:27	27°♑01'38	24°50'22
	-9565 Mar 07 j 01:21	0°♒	
retrograde	-9565 Mar 17 j 12:28	4°♒03'22	
desc. node	-9565 Mar 21 j 22:41	3°♒18'34	
evening set	-9565 Mar 22 j 06:26	3°♒11'55	
min. Earth dist.	-9565 Mar 28 j 02:36	0°♒09'46	0.57134 AU
	-9565 Mar 28 j 08:39	30°℞♑	
inferior conj	-9565 Mar 30 j 21:58	28°♑18'21	-2°10'50

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9565 Mar 30 j 17:49	28°♉25'15	2°10'18
morning rise	-9565 Apr 08 j 08:21	24°♉05'47	
direct	-9565 Apr 10 j 15:06	23°♉50'44	
morning max el	-9565 Apr 19 j 16:55	28°♉07'08	19°15'14
	-9565 Apr 21 j 12:42	0°♒	
asc. node	-9565 May 02 j 11:08	17°♒00'00	
morning set	-9565 May 06 j 15:42	25°♒07'16	
	-9565 May 09 j 02:39	0°♓	
superior conj	-9565 May 15 j 01:43	11°♓45'25	1°36'17
minimum elong	-9565 May 14 j 22:55	11°♓31'54	1°35'49
max. Earth dist.	-9565 May 21 j 06:30	23°♓27'37	1.37985 AU
	-9565 May 24 j 21:44	0°♈	
evening rise	-9565 May 25 j 05:38	0°♈34'50	
	-9565 Jun 12 j 14:06	0°♉	
desc. node	-9565 Jun 17 j 20:16	7°♉23'42	
evening max el	-9565 Jun 30 j 01:14	22°♉05'11	24°53'07
retrograde	-9565 Jul 11 j 15:17	28°♉53'09	
evening set	-9565 Jul 17 j 09:16	26°♉23'20	
min. Earth dist.	-9565 Jul 21 j 21:36	21°♉10'46	0.66938 AU
inferior conj	-9565 Jul 22 j 16:31	20°♉07'43	-2°03'23
minimum elong	-9565 Jul 22 j 18:51	19°♉59'56	2°02'12
morning rise	-9565 Jul 28 j 04:23	14°♉03'19	
asc. node	-9565 Jul 29 j 11:46	13°♉17'31	
direct	-9565 Jul 31 j 20:20	12°♉45'32	
morning max el	-9565 Aug 08 j 13:53	17°♉17'09	20°08'52
	-9565 Aug 18 j 10:39	0°♊	
morning set	-9565 Sep 04 j 03:51	25°♊21'22	
	-9565 Sep 07 j 03:22	0°♋	
desc. node	-9565 Sep 13 j 18:14	10°♋26'06	
max. Earth dist.	-9565 Sep 15 j 14:10	13°♋21'20	1.43793 AU
superior conj	-9565 Sep 20 j 13:16	21°♋22'13	-0°40'42
minimum elong	-9565 Sep 20 j 09:10	21°♋05'29	0°39'39
	-9565 Sep 25 j 18:53	0°♌	
evening rise	-9565 Oct 03 j 20:09	13°♌38'20	
	-9565 Oct 13 j 12:16	0°♍	
evening max el	-9565 Oct 21 j 16:31	11°♍14'32	18°14'12
asc. node	-9565 Oct 25 j 10:54	14°♍06'59	
retrograde	-9565 Oct 28 j 06:54	14°♍48'30	
evening set	-9565 Oct 31 j 00:21	14°♍10'06	
inferior conj	-9565 Nov 06 j 08:52	8°♍46'36	3°18'42
minimum elong	-9565 Nov 06 j 05:12	8°♍56'29	3°18'04
min. Earth dist.	-9565 Nov 08 j 17:46	6°♍13'38	0.63314 AU
morning rise	-9565 Nov 12 j 09:19	2°♍50'41	
direct	-9565 Nov 19 j 10:05	0°♍07'39	
morning max el	-9565 Dec 03 j 01:29	7°♍41'57	27°33'32
desc. node	-9565 Dec 10 j 19:07	16°♍27'01	
	-9565 Dec 20 j 09:26	0°♎	
morning set	-9564 Jan 06 j 07:00	29°♎57'02	
	-9564 Jan 06 j 07:35	0°♏	
max. Earth dist.	-9564 Jan 11 j 15:49	11°♏01'00	1.33436 AU
superior conj	-9564 Jan 13 j 21:47	15°♏48'39	-1°06'59
minimum elong	-9564 Jan 14 j 00:03	16°♏00'51	1°07'00
	-9564 Jan 20 j 12:37	0°♐	
evening rise	-9564 Jan 21 j 00:43	1°♐03'37	
asc. node	-9564 Jan 21 j 08:47	1°♐45'50	
	-9564 Feb 06 j 10:28	0°♑	
evening max el	-9564 Feb 13 j 06:33	7°♑51'47	23°17'54
retrograde	-9564 Feb 26 j 14:36	14°♑22'55	
evening set	-9564 Mar 01 j 06:07	13°♑53'49	
desc. node	-9564 Mar 07 j 19:46	11°♑00'16	
min. Earth dist.	-9564 Mar 08 j 18:24	10°♑27'32	0.55863 AU
inferior conj	-9564 Mar 10 j 09:04	9°♑30'21	-0°39'52
minimum elong	-9564 Mar 10 j 07:22	9°♑32'52	0°39'54
morning rise	-9564 Mar 19 j 10:54	5°♑28'25	
direct	-9564 Mar 21 j 17:25	5°♑15'42	
morning max el	-9564 Apr 01 j 09:52	10°♑17'47	20°19'26
	-9564 Apr 14 j 22:17	0°♒	
asc. node	-9564 Apr 18 j 08:03	6°♒37'48	
morning set	-9564 Apr 19 j 19:44	9°♒37'29	
superior conj	-9564 Apr 27 j 15:24	25°♒35'30	1°19'19
minimum elong	-9564 Apr 27 j 12:29	25°♒20'47	1°18'35
	-9564 Apr 29 j 20:18	0°♓	
max. Earth dist.	-9564 May 02 j 11:57	5°♓11'19	1.36284 AU
evening rise	-9564 May 06 j 16:27	13°♓05'37	
	-9564 May 16 j 09:24	0°♈	
desc. node	-9564 Jun 03 j 17:39	26°♈44'26	
	-9564 Jun 06 j 09:59	0°♉	
evening max el	-9564 Jun 11 j 11:17	5°♉29'39	26°03'52
retrograde	-9564 Jun 23 j 23:23	12°♉43'04	
evening set	-9564 Jun 30 j 07:19	9°♉59'27	
min. Earth dist.	-9564 Jul 04 j 10:54	5°♉26'04	0.66290 AU
inferior conj	-9564 Jul 05 j 18:29	3°♉46'02	-2°42'31
minimum elong	-9564 Jul 05 j 21:10	3°♉37'32	2°41'33
	-9564 Jul 08 j 23:02	30°℞♈	
morning rise	-9564 Jul 11 j 11:07	27°♈53'19	
direct	-9564 Jul 14 j 18:21	26°♈50'24	
asc. node	-9564 Jul 15 j 08:42	26°♈52'25	
	-9564 Jul 20 j 22:32	0°♉	
morning max el	-9564 Jul 21 j 19:17	0°♉50'59	19°11'42
	-9564 Aug 10 j 22:21	0°♊	
morning set	-9564 Aug 13 j 14:32	4°♊13'34	
max. Earth dist.	-9564 Aug 28 j 06:09	27°♊21'16	1.44529 AU
superior conj	-9564 Aug 29 j 21:53	29°♊58'37	0°04'26
minimum elong	-9564 Aug 29 j 22:30	0°♋01'06	0°04'55
behind sun begin	-9564 Aug 29 j 11:36	29°♊17'53	
behind sun end	-9564 Aug 30 j 09:24	0°♋44'20	
	-9564 Aug 29 j 22:14	0°♋	
desc. node	-9564 Aug 30 j 15:17	1°♋07'40	
evening rise	-9564 Sep 14 j 04:54	24°♋35'09	
	-9564 Sep 17 j 12:19	0°♌	
evening max el	-9564 Oct 04 j 05:23	24°♌40'51	18°38'45
retrograde	-9564 Oct 10 j 22:33	28°♌26'06	
asc. node	-9564 Oct 11 j 08:09	28°♌25'13	
evening set	-9564 Oct 13 j 21:20	27°♌37'28	
inferior conj	-9564 Oct 19 j 21:00	21°♌57'28	2°33'55
minimum elong	-9564 Oct 19 j 17:44	22°♌07'08	2°33'16
min. Earth dist.	-9564 Oct 21 j 16:28	19°♌48'53	0.64716 AU
morning rise	-9564 Oct 25 j 13:38	15°♌50'31	
direct	-9564 Nov 01 j 06:21	13°♌04'27	
morning max el	-9564 Nov 14 j 11:21	20°♌36'33	27°03'32
	-9564 Nov 22 j 16:51	0°♍	
desc. node	-9564 Nov 26 j 15:50	5°♍15'56	
	-9564 Dec 12 j 10:14	0°♎	
morning set	-9564 Dec 19 j 21:43	13°♎46'40	
max. Earth dist.	-9564 Dec 24 j 13:53	23°♎03'56	1.34371 AU
	-9564 Dec 27 j 22:21	0°♏	
superior conj	-9564 Dec 28 j 02:36	0°♏22'14	-1°23'55
minimum elong	-9564 Dec 28 j 04:55	0°♏34'21	1°23'54
evening rise	-9563 Jan 04 j 11:01	15°♏52'10	
asc. node	-9563 Jan 07 j 06:01	21°♏34'51	
	-9563 Jan 11 j 15:34	0°♐	
evening max el	-9563 Jan 25 j 03:11	18°♐49'23	21°45'38
retrograde	-9563 Feb 06 j 06:58	24°♐36'34	
evening set	-9563 Feb 09 j 04:16	24°♐17'53	
inferior conj	-9563 Feb 18 j 07:32	20°♐14'46	1°08'51
minimum elong	-9563 Feb 18 j 10:30	20°♐10'33	1°07'20
min. Earth dist.	-9563 Feb 18 j 08:57	20°♐12'46	0.55381 AU
desc. node	-9563 Feb 22 j 16:48	17°♐53'20	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning rise	-9563 Feb 27 j 16:58	16°♐08'52	
direct	-9563 Mar 02 j 08:15	15°♐53'18	
morning max el	-9563 Mar 14 j 15:46	21°♐47'44	21°41'36
	-9563 Mar 21 j 13:37	0°♑	
morning set	-9563 Apr 04 j 04:32	24°♑25'59	
asc. node	-9563 Apr 05 j 04:58	26°♑32'39	
	-9563 Apr 06 j 20:36	0°♒	
superior conj	-9563 Apr 11 j 14:16	9°♒56'18	0°58'40
minimum elong	-9563 Apr 11 j 11:53	9°♒43'50	0°57'48
max. Earth dist.	-9563 Apr 15 j 02:21	17°♒08'20	1.34894 AU
evening rise	-9563 Apr 19 j 20:15	26°♒30'09	
	-9563 Apr 21 j 16:29	0°♓	
	-9563 May 09 j 17:42	0°♈	
desc. node	-9563 May 21 j 15:04	15°♈22'37	
evening max el	-9563 May 24 j 21:58	18°♈49'11	26°56'40
retrograde	-9563 Jun 07 j 02:33	26°♈16'59	
evening set	-9563 Jun 13 j 21:20	23°♈28'45	
min. Earth dist.	-9563 Jun 17 j 17:36	19°♈33'55	0.65253 AU
inferior conj	-9563 Jun 19 j 15:11	17°♈19'46	-3°14'06
minimum elong	-9563 Jun 19 j 17:41	17°♈12'23	3°13'32
morning rise	-9563 Jun 25 j 14:23	11°♈41'28	
direct	-9563 Jun 28 j 14:50	10°♈51'04	
asc. node	-9563 Jul 02 j 05:34	12°♈00'17	
morning max el	-9563 Jul 05 j 05:46	14°♈29'29	18°30'29
	-9563 Jul 16 j 08:02	0°♉	
morning set	-9563 Jul 25 j 00:09	14°♉10'02	
	-9563 Aug 03 j 18:13	0°♊	
superior conj	-9563 Aug 08 j 21:34	8°♊12'06	0°50'28
minimum elong	-9563 Aug 09 j 03:15	8°♊34'40	0°50'20
max. Earth dist.	-9563 Aug 10 j 23:05	11°♊28'19	1.44558 AU
desc. node	-9563 Aug 17 j 12:25	21°♊48'59	
	-9563 Aug 22 j 17:12	0°♋	
evening rise	-9563 Aug 25 j 10:54	4°♋18'36	
greatest brilliancy	-9563 Sep 03 j 17:21	18°♋50'43	-0.8m
	-9563 Sep 11 j 03:40	0°♌	
evening max el	-9563 Sep 17 j 15:13	8°♌08'54	19°20'15
retrograde	-9563 Sep 24 j 18:00	12°♌13'52	
evening set	-9563 Sep 28 j 00:27	11°♌11'57	
asc. node	-9563 Sep 28 j 05:21	11°♌04'00	
inferior conj	-9563 Oct 03 j 16:58	5°♌18'49	1°43'58
minimum elong	-9563 Oct 03 j 14:38	5°♌26'15	1°43'36
min. Earth dist.	-9563 Oct 04 j 23:54	3°♌40'28	0.65805 AU
	-9563 Oct 08 j 04:32	30°℞♋	
morning rise	-9563 Oct 09 j 04:28	29°♋04'12	
direct	-9563 Oct 15 j 08:46	26°♋25'46	
	-9563 Oct 23 j 16:09	0°♌	
morning max el	-9563 Oct 27 j 21:23	3°♌45'18	26°07'00
desc. node	-9563 Nov 13 j 12:32	24°♌43'00	
	-9563 Nov 17 j 01:18	0°♍	
morning set	-9563 Dec 02 j 22:58	26°♍51'00	
	-9563 Dec 04 j 15:22	0°♎	
max. Earth dist.	-9563 Dec 07 j 00:40	4°♎34'14	1.35735 AU
superior conj	-9563 Dec 12 j 00:44	14°♎30'56	-1°36'29
minimum elong	-9563 Dec 12 j 02:29	14°♎39'51	1°36'27
evening rise	-9563 Dec 19 j 18:27	0°♏26'23	
	-9563 Dec 19 j 13:18	0°♏	
asc. node	-9563 Dec 25 j 03:18	11°♏03'29	
	-9562 Jan 07 j 02:04	0°♐	
evening max el	-9562 Jan 07 j 08:14	0°♐14'40	20°24'29
retrograde	-9562 Jan 17 j 22:21	5°♐12'57	
evening set	-9562 Jan 20 j 12:04	4°♐56'37	
inferior conj	-9562 Jan 29 j 06:07	0°♐57'30	2°46'40
minimum elong	-9562 Jan 29 j 11:46	0°♐49'04	2°44'44
	-9562 Jan 30 j 20:45	30°℞♏	

min. Earth dist.	-9562 Jan 30 j 23:00	29°♏56'41	0.55788 AU
morning rise	-9562 Feb 07 j 09:44	26°♏31'59	
desc. node	-9562 Feb 09 j 13:44	26°♏07'58	
direct	-9562 Feb 11 j 00:21	26°♏03'18	
	-9562 Feb 21 j 07:22	0°♐	
morning max el	-9562 Feb 24 j 11:46	2°♐42'50	23°16'13
	-9562 Mar 15 j 00:02	0°♑	
morning set	-9562 Mar 19 j 16:07	9°♑26'18	
asc. node	-9562 Mar 23 j 01:55	16°♑39'39	
superior conj	-9562 Mar 26 j 19:28	24°♑38'57	0°35'54
minimum elong	-9562 Mar 26 j 17:57	24°♑30'50	0°35'04
max. Earth dist.	-9562 Mar 29 j 02:50	29°♑32'12	1.33862 AU
	-9562 Mar 29 j 08:08	0°♒	
evening rise	-9562 Apr 03 j 12:14	10°♒34'17	
	-9562 Apr 14 j 01:13	0°♓	
	-9562 May 05 j 11:09	0°♈	
evening max el	-9562 May 07 j 08:32	1°♈54'53	27°24'02
desc. node	-9562 May 08 j 12:26	3°♈00'41	
retrograde	-9562 May 21 j 00:14	9°♈27'05	
evening set	-9562 May 28 j 00:17	6°♈46'51	
min. Earth dist.	-9562 May 31 j 16:01	3°♈25'38	0.63826 AU
inferior conj	-9562 Jun 03 j 04:06	0°♈45'00	-3°35'24
minimum elong	-9562 Jun 03 j 05:44	0°♈40'36	3°35'18
	-9562 Jun 03 j 20:59	30°℞♓	
morning rise	-9562 Jun 09 j 11:56	25°♓23'33	
direct	-9562 Jun 12 j 07:17	24°♓43'27	
morning max el	-9562 Jun 18 j 19:12	28°♓09'05	18°06'37
asc. node	-9562 Jun 19 j 02:23	28°♓27'17	
	-9562 Jun 20 j 11:47	0°♈	
morning set	-9562 Jul 06 j 11:23	25°♈18'42	
	-9562 Jul 09 j 05:07	0°♉	
superior conj	-9562 Jul 19 j 10:50	17°♉07'01	1°25'46
minimum elong	-9562 Jul 19 j 16:55	17°♉31'54	1°25'39
max. Earth dist.	-9562 Jul 24 j 14:10	25°♉25'52	1.43894 AU
	-9562 Jul 27 j 10:59	0°♊	
desc. node	-9562 Aug 04 j 09:38	12°♊27'12	
evening rise	-9562 Aug 04 j 18:06	13°♊00'01	
	-9562 Aug 15 j 20:49	0°♋	
evening max el	-9562 Aug 31 j 19:51	21°♋36'17	20°17'06
retrograde	-9562 Sep 08 j 14:45	26°♋09'06	
evening set	-9562 Sep 12 j 07:13	24°♋50'38	
asc. node	-9562 Sep 15 j 02:28	22°♋10'46	
inferior conj	-9562 Sep 17 j 18:21	18°♋47'33	0°51'49
minimum elong	-9562 Sep 17 j 17:10	18°♋51'31	0°51'55
min. Earth dist.	-9562 Sep 18 j 13:51	17°♋42'25	0.66586 AU
morning rise	-9562 Sep 23 j 02:51	12°♋28'55	
direct	-9562 Sep 28 j 16:51	10°♋05'24	
morning max el	-9562 Oct 10 j 06:43	16°♋58'52	24°52'26
	-9562 Oct 21 j 04:01	0°♌	
desc. node	-9562 Oct 31 j 09:16	14°♌37'22	
	-9562 Nov 10 j 00:55	0°♍	
morning set	-9562 Nov 15 j 05:37	8°♍55'27	
max. Earth dist.	-9562 Nov 19 j 01:40	15°♍49'42	1.37493 AU
superior conj	-9562 Nov 25 j 13:02	28°♍05'31	-1°42'58
minimum elong	-9562 Nov 25 j 13:30	28°♍07'48	1°42'52
	-9562 Nov 26 j 12:26	0°♎	
evening rise	-9562 Dec 03 j 21:01	14°♎40'31	
	-9562 Dec 11 j 23:36	0°♏	
asc. node	-9562 Dec 12 j 00:35	0°♏04'11	
evening max el	-9562 Dec 20 j 23:32	12°♏14'20	19°20'33
retrograde	-9562 Dec 30 j 00:28	16°♏31'19	
evening set	-9561 Jan 01 j 12:43	16°♏13'01	
inferior conj	-9561 Jan 09 j 17:12	12°♏02'36	3°50'02
minimum elong	-9561 Jan 09 j 21:20	11°♏55'41	3°49'06

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9561 Jan 12 j 13:00	10°♏09'50	0.56979 AU
morning rise	-9561 Jan 18 j 03:41	7°♏11'47	
direct	-9561 Jan 23 j 02:34	6°♏15'23	
desc. node	-9561 Jan 27 j 10:35	6°♏59'03	
morning max el	-9561 Feb 06 j 02:35	13°♏22'11	24°52'37
	-9561 Feb 19 j 01:03	0°♐	
morning set	-9561 Mar 04 j 04:35	24°♐31'13	
	-9561 Mar 06 j 18:26	0°♑	
asc. node	-9561 Mar 09 j 22:55	6°♑53'41	
superior conj	-9561 Mar 11 j 04:39	9°♑34'57	0°12'13
minimum elong	-9561 Mar 11 j 04:09	9°♑32'14	0°11'31
behind sun begin	-9561 Mar 11 j 00:40	9°♑13'20	
behind sun end	-9561 Mar 11 j 07:38	9°♑51'07	
max. Earth dist.	-9561 Mar 12 j 11:16	12°♑20'26	1.33179 AU
evening rise	-9561 Mar 18 j 12:41	25°♑05'08	
	-9561 Mar 20 j 23:37	0°♒	
	-9561 Apr 07 j 15:46	0°♓	
evening max el	-9561 Apr 19 j 16:45	14°♓33'58	27°20'28
desc. node	-9561 Apr 25 j 09:45	19°♓13'01	
retrograde	-9561 May 03 j 15:12	22°♓03'57	
evening set	-9561 May 10 j 12:39	19°♓45'19	
min. Earth dist.	-9561 May 14 j 05:09	16°♓47'50	0.62061 AU
inferior conj	-9561 May 17 j 06:08	13°♓54'32	-3°42'23
minimum elong	-9561 May 17 j 06:07	13°♓54'35	3°42'36
morning rise	-9561 May 24 j 01:00	8°♓52'04	
direct	-9561 May 26 j 16:27	8°♓20'36	
morning max el	-9561 Jun 02 j 09:06	11°♓43'33	18°01'02
asc. node	-9561 Jun 05 j 23:10	15°♓56'58	
	-9561 Jun 14 j 15:53	0°♈	
morning set	-9561 Jun 18 j 20:36	7°♈30'21	
superior conj	-9561 Jun 30 j 02:05	27°♈18'27	1°45'09
minimum elong	-9561 Jun 30 j 05:02	27°♈31'05	1°45'13
	-9561 Jul 01 j 16:02	0°♉	
max. Earth dist.	-9561 Jul 07 j 01:02	8°♉57'33	1.42626 AU
evening rise	-9561 Jul 14 j 19:43	21°♉26'29	
	-9561 Jul 20 j 08:07	0°♊	
desc. node	-9561 Jul 22 j 06:56	2°♊58'28	
	-9561 Aug 10 j 08:12	0°♋	
evening max el	-9561 Aug 14 j 17:52	5°♋00'41	21°26'56
retrograde	-9561 Aug 23 j 10:52	10°♋09'14	
evening set	-9561 Aug 27 j 15:33	8°♋31'16	
inferior conj	-9561 Sep 01 j 23:04	2°♋21'10	-0°00'22
minimum elong	-9561 Sep 01 j 23:03	2°♋21'12	0°00'13
transit middle	-9561 Sep 01 j 23:03	2°♋21'12	0°00'13
transit begin	-9561 Sep 01 j 20:21	2°♋30'30	
transit end	-9561 Sep 02 j 01:46	2°♋11'54	
asc. node	-9561 Sep 01 j 23:31	2°♋19'39	
min. Earth dist.	-9561 Sep 02 j 07:55	1°♋50'47	0.67065 AU
	-9561 Sep 03 j 16:45	30°℞♊	
morning rise	-9561 Sep 07 j 06:25	26°♊02'11	
direct	-9561 Sep 12 j 05:46	23°♊57'18	
	-9561 Sep 22 j 11:16	0°♋	
morning max el	-9561 Sep 22 j 16:41	0°♋13'40	23°29'05
	-9561 Oct 15 j 02:06	0°♌	
desc. node	-9561 Oct 18 j 06:04	4°♌51'13	
morning set	-9561 Oct 27 j 12:08	19°♌46'23	
max. Earth dist.	-9561 Oct 31 j 23:33	27°♌25'11	1.39480 AU
	-9561 Nov 02 j 10:52	0°♍	
superior conj	-9561 Nov 08 j 11:21	10°♍54'30	-1°41'08
minimum elong	-9561 Nov 08 j 09:47	10°♍47'13	1°40'49
evening rise	-9561 Nov 17 j 16:19	28°♍28'41	
	-9561 Nov 18 j 11:16	0°♎	
asc. node	-9561 Nov 28 j 21:53	18°♎27'52	
evening max el	-9561 Dec 04 j 00:14	24°♎45'48	18°36'23
retrograde	-9561 Dec 11 j 20:28	28°♎35'19	
evening set	-9561 Dec 14 j 08:44	28°♎13'12	
inferior conj	-9561 Dec 21 j 23:14	23°♎43'01	4°14'24
minimum elong	-9561 Dec 21 j 23:52	23°♎41'48	4°14'14
min. Earth dist.	-9561 Dec 25 j 05:13	21°♎13'18	0.58676 AU
morning rise	-9561 Dec 29 j 13:09	18°♎29'04	
direct	-9560 Jan 04 j 16:31	16°♎55'10	
desc. node	-9560 Jan 14 j 07:22	20°♎29'46	
morning max el	-9560 Jan 18 j 19:04	24°♎15'15	26°16'06
	-9560 Jan 24 j 01:38	0°♏	
	-9560 Feb 11 j 22:37	0°♐	
morning set	-9560 Feb 16 j 16:15	9°♐34'26	
superior conj	-9560 Feb 23 j 16:00	24°♐37'54	-0°11'31
minimum elong	-9560 Feb 23 j 16:31	24°♐40'41	0°11'59
behind sun begin	-9560 Feb 23 j 13:15	24°♐22'51	
behind sun end	-9560 Feb 23 j 19:46	24°♐58'31	
max. Earth dist.	-9560 Feb 24 j 00:11	25°♐22'33	1.32821 AU
asc. node	-9560 Feb 24 j 20:00	27°♐10'41	
	-9560 Feb 26 j 03:10	0°♑	
evening rise	-9560 Mar 01 j 18:50	9°♑53'15	
	-9560 Mar 12 j 08:13	0°♒	
evening max el	-9560 Mar 31 j 20:11	26°♒36'35	26°44'00
	-9560 Apr 04 j 19:19	0°♓	
desc. node	-9560 Apr 11 j 06:59	3°♓27'22	
retrograde	-9560 Apr 14 j 22:16	4°♓00'46	
evening set	-9560 Apr 21 j 07:04	2°♓14'32	
	-9560 Apr 24 j 16:14	30°℞♒	
min. Earth dist.	-9560 Apr 25 j 09:20	29°♒26'47	0.60086 AU
inferior conj	-9560 Apr 28 j 17:46	26°♒40'17	-3°29'14
minimum elong	-9560 Apr 28 j 15:32	26°♒44'59	3°29'22
morning rise	-9560 May 06 j 02:20	21°♒58'22	
direct	-9560 May 08 j 14:23	21°♒34'21	
morning max el	-9560 May 15 j 20:51	25°♒06'29	18°14'25
	-9560 May 19 j 23:59	0°♓	
asc. node	-9560 May 22 j 19:59	4°♓15'44	
morning set	-9560 May 31 j 22:53	20°♓33'34	
	-9560 Jun 05 j 23:59	0°♈	
superior conj	-9560 Jun 10 j 19:41	8°♈49'10	1°49'52
minimum elong	-9560 Jun 10 j 19:23	8°♈47'48	1°49'52
max. Earth dist.	-9560 Jun 18 j 06:18	21°♈50'22	1.40929 AU
	-9560 Jun 23 j 03:47	0°♉	
evening rise	-9560 Jun 23 j 13:29	0°♉39'37	
desc. node	-9560 Jul 08 j 04:16	23°♉18'25	
	-9560 Jul 12 j 19:36	0°♊	
evening max el	-9560 Jul 27 j 09:22	18°♊21'49	22°45'45
retrograde	-9560 Aug 06 j 04:55	24°♊11'13	
evening set	-9560 Aug 10 j 23:31	22°♊12'10	
inferior conj	-9560 Aug 16 j 05:16	15°♊57'43	-0°50'53
minimum elong	-9560 Aug 16 j 06:21	15°♊54'01	0°49'55
min. Earth dist.	-9560 Aug 16 j 03:42	16°♊03'08	0.67252 AU
asc. node	-9560 Aug 18 j 20:32	12°♊27'54	
morning rise	-9560 Aug 21 j 13:07	9°♊41'48	
direct	-9560 Aug 25 j 22:48	7°♊56'26	
morning max el	-9560 Sep 04 j 05:59	13°♊30'42	22°05'20
	-9560 Sep 17 j 06:11	0°♋	
desc. node	-9560 Oct 04 j 02:55	25°♋17'55	
morning set	-9560 Oct 06 j 15:28	29°♋18'18	
	-9560 Oct 07 j 01:53	0°♌	
max. Earth dist.	-9560 Oct 13 j 00:55	9°♌45'00	1.41431 AU
superior conj	-9560 Oct 20 j 14:12	22°♌42'18	-1°28'19
minimum elong	-9560 Oct 20 j 10:18	22°♌25'07	1°27'37
	-9560 Oct 24 j 16:11	0°♍	
evening rise	-9560 Oct 31 j 01:07	11°♍42'21	
	-9560 Nov 10 j 10:06	0°♎	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9560 Nov 14 j 19:12	6°♎02'02	
evening max el	-9560 Nov 16 j 07:57	7°♎41'13	18°12'25
retrograde	-9560 Nov 23 j 09:42	11°♎16'26	
evening set	-9560 Nov 25 j 22:41	10°♎49'26	
inferior conj	-9560 Dec 03 j 00:24	5°♎57'29	4°07'51
minimum elong	-9560 Dec 02 j 22:12	6°♎02'22	4°07'40
min. Earth dist.	-9560 Dec 06 j 03:20	3°♎11'14	0.60560 AU
morning rise	-9560 Dec 09 j 20:21	0°♎24'20	
	-9560 Dec 10 j 12:44	30°℞♍	
direct	-9560 Dec 16 j 16:57	28°♍14'18	
	-9560 Dec 23 j 04:19	0°♎	
morning max el	-9560 Dec 30 j 17:33	5°♎42'34	27°13'09
desc. node	-9560 Dec 31 j 04:07	6°♎08'20	
	-9559 Jan 17 j 22:53	0°♏	
morning set	-9559 Jan 31 j 01:12	24°♏28'09	
	-9559 Feb 02 j 16:23	0°♐	
max. Earth dist.	-9559 Feb 06 j 13:42	8°♐24'00	1.32781 AU
superior conj	-9559 Feb 07 j 03:48	9°♐40'53	-0°34'27
minimum elong	-9559 Feb 07 j 05:12	9°♐48'30	0°34'41
asc. node	-9559 Feb 10 j 17:11	17°♐25'51	
evening rise	-9559 Feb 14 j 04:26	24°♐49'52	
	-9559 Feb 16 j 16:42	0°♑	
	-9559 Mar 06 j 15:43	0°♒	
evening max el	-9559 Mar 13 j 17:44	8°♒00'40	25°38'05
retrograde	-9559 Mar 27 j 19:55	15°♒14'11	
desc. node	-9559 Mar 29 j 04:09	15°♒09'49	
evening set	-9559 Apr 02 j 05:55	14°♒04'00	
min. Earth dist.	-9559 Apr 07 j 06:43	11°♒10'48	0.58126 AU
inferior conj	-9559 Apr 10 j 11:28	8°♒53'23	-2°48'49
minimum elong	-9559 Apr 10 j 07:26	9°♒00'40	2°48'28
morning rise	-9559 Apr 18 j 12:09	4°♒31'32	
direct	-9559 Apr 20 j 20:37	4°♒13'49	
morning max el	-9559 Apr 29 j 03:38	8°♒09'30	18°47'25
asc. node	-9559 May 09 j 16:52	23°♒12'23	
	-9559 May 13 j 08:28	0°♓	
morning set	-9559 May 15 j 13:55	4°♓18'01	
superior conj	-9559 May 24 j 10:39	21°♓26'16	1°43'33
minimum elong	-9559 May 24 j 08:23	21°♓15'36	1°43'16
	-9559 May 29 j 01:30	0°♈	
max. Earth dist.	-9559 May 31 j 07:06	4°♈00'51	1.39043 AU
evening rise	-9559 Jun 04 j 10:13	11°♈13'10	
	-9559 Jun 15 j 23:59	0°♉	
desc. node	-9559 Jun 25 j 01:38	13°♉21'47	
	-9559 Jul 08 j 04:52	0°♊	
evening max el	-9559 Jul 09 j 20:26	1°♊42'49	24°07'38
retrograde	-9559 Jul 20 j 19:49	8°♊12'12	
evening set	-9559 Jul 26 j 05:13	5°♊52'38	
inferior conj	-9559 Jul 31 j 11:16	29°♉36'32	-1°38'11
minimum elong	-9559 Jul 31 j 13:14	29°♉29'52	1°37'02
min. Earth dist.	-9559 Jul 30 j 22:55	0°♊18'33	0.67140 AU
	-9559 Jul 31 j 04:22	30°℞♉	
morning rise	-9559 Aug 05 j 21:12	23°♉26'57	
asc. node	-9559 Aug 05 j 17:30	23°♉34'01	
direct	-9559 Aug 09 j 18:57	21°♉59'50	
morning max el	-9559 Aug 18 j 01:03	26°♉53'16	20°48'12
	-9559 Aug 20 j 19:50	0°♊	
	-9559 Sep 10 j 19:16	0°♋	
morning set	-9559 Sep 15 j 21:38	7°♋52'38	
desc. node	-9559 Sep 20 j 23:53	15°♋53'17	
max. Earth dist.	-9559 Sep 25 j 08:17	22°♋51'41	1.43072 AU
	-9559 Sep 29 j 16:58	0°♌	
superior conj	-9559 Oct 01 j 15:51	3°♌15'01	-1°02'06
minimum elong	-9559 Oct 01 j 10:51	2°♌54'08	1°01'02
evening rise	-9559 Oct 13 j 19:21	24°♌12'13	
	-9559 Oct 17 j 02:11	0°♍	
evening max el	-9559 Oct 30 j 19:59	20°♍53'44	18°08'08
asc. node	-9559 Nov 01 j 16:29	22°♍32'32	
retrograde	-9559 Nov 06 j 12:19	24°♍25'30	
evening set	-9559 Nov 09 j 03:30	23°♍52'00	
inferior conj	-9559 Nov 15 j 17:53	18°♍39'31	3°40'36
minimum elong	-9559 Nov 15 j 14:23	18°♍48'24	3°40'05
min. Earth dist.	-9559 Nov 18 j 10:23	15°♍56'53	0.62373 AU
morning rise	-9559 Nov 22 j 00:16	12°♍50'54	
direct	-9559 Nov 29 j 02:22	10°♍15'28	
morning max el	-9559 Dec 12 j 22:08	17°♍49'23	27°36'06
desc. node	-9559 Dec 18 j 00:53	23°♍21'09	
	-9559 Dec 23 j 06:02	0°♎	
	-9558 Jan 10 j 14:31	0°♏	
morning set	-9558 Jan 15 j 05:18	9°♏04'38	
max. Earth dist.	-9558 Jan 20 j 23:59	21°♏10'53	1.33086 AU
superior conj	-9558 Jan 22 j 14:23	24°♏37'57	-0°55'47
minimum elong	-9558 Jan 22 j 16:26	24°♏49'02	0°55'51
	-9558 Jan 25 j 01:48	0°♐	
asc. node	-9558 Jan 28 j 14:23	7°♐34'51	
evening rise	-9558 Jan 29 j 15:38	9°♐48'17	
	-9558 Feb 09 j 04:58	0°♑	
evening max el	-9558 Feb 23 j 11:13	18°♑57'22	24°11'44
retrograde	-9558 Mar 09 j 05:52	25°♑48'40	
evening set	-9558 Mar 13 j 11:47	25°♑08'22	
desc. node	-9558 Mar 16 j 01:17	24°♑08'13	
min. Earth dist.	-9558 Mar 20 j 00:14	21°♑57'10	0.56506 AU
inferior conj	-9558 Mar 22 j 09:17	20°♑27'36	-1°35'43
minimum elong	-9558 Mar 22 j 05:45	20°♑33'10	1°35'14
morning rise	-9558 Mar 31 j 02:46	16°♑20'59	
direct	-9558 Apr 02 j 08:29	16°♑07'31	
morning max el	-9558 Apr 12 j 02:27	20°♑42'13	19°40'15
	-9558 Apr 19 j 10:56	0°♒	
asc. node	-9558 Apr 26 j 13:46	12°♒37'18	
morning set	-9558 Apr 29 j 14:03	18°♒33'49	
	-9558 May 05 j 06:22	0°♓	
superior conj	-9558 May 07 j 17:22	4°♓53'31	1°29'40
minimum elong	-9558 May 07 j 14:25	4°♓38'59	1°29'04
max. Earth dist.	-9558 May 13 j 08:37	15°♓44'48	1.37223 AU
evening rise	-9558 May 17 j 08:43	23°♓05'40	
	-9558 May 21 j 07:01	0°♈	
	-9558 Jun 09 j 17:08	0°♉	
desc. node	-9558 Jun 11 j 23:01	3°♉00'48	
evening max el	-9558 Jun 22 j 06:12	15°♉06'12	25°24'58
retrograde	-9558 Jul 04 j 06:38	22°♉07'12	
evening set	-9558 Jul 10 j 06:40	19°♉30'43	
min. Earth dist.	-9558 Jul 14 j 15:08	14°♉34'28	0.66700 AU
inferior conj	-9558 Jul 15 j 15:15	13°♉15'30	-2°20'48
minimum elong	-9558 Jul 15 j 17:47	13°♉07'11	2°19'42
morning rise	-9558 Jul 21 j 04:55	7°♉15'31	
asc. node	-9558 Jul 23 j 14:26	6°♉11'23	
direct	-9558 Jul 24 j 16:50	6°♉04'27	
morning max el	-9558 Aug 01 j 02:42	10°♉22'19	19°42'40
	-9558 Aug 15 j 11:02	0°♊	
morning set	-9558 Aug 26 j 00:29	16°♊20'40	
	-9558 Sep 03 j 17:32	0°♋	
desc. node	-9558 Sep 07 j 20:53	6°♋33'14	
max. Earth dist.	-9558 Sep 07 j 21:12	6°♋34'31	1.44185 AU
superior conj	-9558 Sep 11 j 13:43	12°♋28'06	-0°22'27
minimum elong	-9558 Sep 11 j 11:12	12°♋17'59	0°21'34
	-9558 Sep 22 j 07:04	0°♌	
evening rise	-9558 Sep 25 j 17:44	5°♌45'41	
	-9558 Oct 10 j 19:59	0°♍	
evening max el	-9558 Oct 14 j 09:23	4°♍16'33	18°22'35

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9558 Oct 19 j 13:43	7°♍43'10	
retrograde	-9558 Oct 21 j 00:07	7°♍54'11	
evening set	-9558 Oct 23 j 19:33	7°♍11'51	
inferior conj	-9558 Oct 30 j 00:07	1°♍41'17	3°00'34
minimum elong	-9558 Oct 29 j 20:32	1°♍51'22	2°59'53
	-9558 Oct 31 j 12:02	30°℞♌	
min. Earth dist.	-9558 Nov 01 j 03:24	29°♌17'22	0.63948 AU
morning rise	-9558 Nov 04 j 20:52	25°♌40'21	
direct	-9558 Nov 11 j 19:05	22°♌54'04	
	-9558 Nov 24 j 18:40	0°♍	
morning max el	-9558 Nov 25 j 06:35	0°♍28'50	27°24'26
desc. node	-9558 Dec 04 j 21:38	11°♍41'02	
	-9558 Dec 17 j 05:20	0°♎	
morning set	-9558 Dec 30 j 01:53	23°♎14'50	
	-9557 Jan 02 j 10:23	0°♏	
max. Earth dist.	-9557 Jan 04 j 03:21	3°♏31'57	1.33776 AU
superior conj	-9557 Jan 06 j 21:56	9°♏22'48	-1°14'37
minimum elong	-9557 Jan 07 j 00:18	9°♏35'18	1°14'37
evening rise	-9557 Jan 14 j 02:46	24°♏42'42	
asc. node	-9557 Jan 15 j 11:36	27°♏33'06	
	-9557 Jan 16 j 16:25	0°♐	
evening max el	-9557 Feb 05 j 05:23	29°♐49'19	22°37'59
	-9557 Feb 05 j 09:57	0°♑	
retrograde	-9557 Feb 18 j 03:10	6°♑02'39	
evening set	-9557 Feb 21 j 09:23	5°♑39'28	
min. Earth dist.	-9557 Mar 01 j 15:46	1°♑58'42	0.55551 AU
inferior conj	-9557 Mar 02 j 13:57	1°♑26'45	0°05'32
minimum elong	-9557 Mar 02 j 14:10	1°♑26'26	0°04'53
transit middle	-9557 Mar 02 j 14:10	1°♑26'26	0°04'53
transit begin	-9557 Mar 02 j 10:18	1°♑32'02	
transit end	-9557 Mar 02 j 18:03	1°♑20'51	
desc. node	-9557 Mar 02 j 22:22	1°♑14'39	
	-9557 Mar 05 j 03:37	30°℞♐	
morning rise	-9557 Mar 11 j 20:20	27°♐24'45	
direct	-9557 Mar 14 j 05:02	27°♐11'37	
	-9557 Mar 22 j 10:03	0°♑	
morning max el	-9557 Mar 25 j 14:49	2°♑36'31	20°52'18
	-9557 Apr 12 j 06:21	0°♒	
asc. node	-9557 Apr 13 j 10:41	2°♒23'29	
morning set	-9557 Apr 13 j 20:25	3°♒13'11	
superior conj	-9557 Apr 21 j 11:24	18°♒58'19	1°10'55
minimum elong	-9557 Apr 21 j 08:38	18°♒44'12	1°10'06
max. Earth dist.	-9557 Apr 25 j 17:35	27°♒32'18	1.35656 AU
	-9557 Apr 26 j 23:44	0°♓	
evening rise	-9557 Apr 30 j 03:31	6°♓02'11	
	-9557 May 14 j 01:19	0°♈	
desc. node	-9557 May 29 j 20:23	22°♈05'22	
evening max el	-9557 Jun 04 j 16:45	28°♈30'28	26°29'02
	-9557 Jun 06 j 06:37	0°♉	
retrograde	-9557 Jun 17 j 12:39	5°♉50'56	
evening set	-9557 Jun 24 j 01:36	3°♉04'23	
	-9557 Jun 27 j 01:35	30°℞♈	
min. Earth dist.	-9557 Jun 28 j 01:58	28°♈47'22	0.65899 AU
inferior conj	-9557 Jun 29 j 15:15	26°♈52'33	-2°57'01
minimum elong	-9557 Jun 29 j 17:56	26°♈44'17	2°56'11
morning rise	-9557 Jul 05 j 10:25	21°♈05'19	
direct	-9557 Jul 08 j 14:34	20°♈07'53	
asc. node	-9557 Jul 10 j 11:19	20°♈27'03	
morning max el	-9557 Jul 15 j 10:22	23°♈57'59	18°52'00
	-9557 Jul 20 j 08:30	0°♉	
morning set	-9557 Aug 05 j 19:54	25°♉37'20	
	-9557 Aug 08 j 13:34	0°♊	
superior conj	-9557 Aug 21 j 15:45	20°♊46'38	0°24'37
minimum elong	-9557 Aug 21 j 18:52	20°♊58'57	0°24'47
max. Earth dist.	-9557 Aug 21 j 13:55	20°♊39'23	1.44633 AU
desc. node	-9557 Aug 25 j 17:56	27°♊14'51	
	-9557 Aug 27 j 11:38	0°♋	
evening rise	-9557 Sep 06 j 15:11	16°♋11'05	
	-9557 Sep 15 j 06:08	0°♌	
evening max el	-9557 Sep 27 j 21:18	17°♌44'09	18°54'32
retrograde	-9557 Oct 04 j 17:34	21°♌36'22	
asc. node	-9557 Oct 06 j 10:56	21°♌19'24	
evening set	-9557 Oct 07 j 19:26	20°♌42'21	
inferior conj	-9557 Oct 13 j 15:51	14°♌56'31	2°13'07
minimum elong	-9557 Oct 13 j 12:56	15°♌05'26	2°12'34
min. Earth dist.	-9557 Oct 15 j 05:51	13°♌00'23	0.65219 AU
morning rise	-9557 Oct 19 j 06:02	8°♌46'11	
direct	-9557 Oct 25 j 17:59	6°♌02'12	
morning max el	-9557 Nov 07 j 16:28	13°♌29'47	26°42'19
	-9557 Nov 21 j 04:49	0°♍	
desc. node	-9557 Nov 21 j 18:20	0°♍47'42	
	-9557 Dec 09 j 19:54	0°♎	
morning set	-9557 Dec 13 j 11:23	6°♎46'32	
max. Earth dist.	-9557 Dec 17 j 20:40	15°♎19'57	1.34896 AU
superior conj	-9557 Dec 22 j 00:14	23°♎47'01	-1°29'53
minimum elong	-9557 Dec 22 j 02:24	23°♎58'11	1°29'51
	-9557 Dec 24 j 23:45	0°♏	
evening rise	-9557 Dec 29 j 12:03	9°♏26'02	
asc. node	-9556 Jan 02 j 08:51	17°♏14'28	
	-9556 Jan 09 j 12:59	0°♐	
evening max el	-9556 Jan 18 j 05:17	10°♐57'35	21°09'22
retrograde	-9556 Jan 29 j 17:15	16°♐23'14	
evening set	-9556 Feb 01 j 10:29	16°♐06'09	
inferior conj	-9556 Feb 10 j 10:45	12°♐07'05	1°53'24
minimum elong	-9556 Feb 10 j 15:21	12°♐00'29	1°51'28
min. Earth dist.	-9556 Feb 11 j 05:50	11°♐39'47	0.55452 AU
desc. node	-9556 Feb 17 j 19:21	8°♐28'25	
morning rise	-9556 Feb 19 j 19:29	7°♐54'37	
direct	-9556 Feb 22 j 19:17	7°♐34'55	
morning max el	-9556 Mar 06 j 16:00	13°♐49'44	22°20'43
	-9556 Mar 18 j 19:00	0°♑	
morning set	-9556 Mar 28 j 06:40	18°♑07'51	
asc. node	-9556 Mar 30 j 07:37	22°♑24'17	
	-9556 Apr 02 j 21:38	0°♒	
superior conj	-9556 Apr 04 j 13:16	3°♒29'22	0°49'12
minimum elong	-9556 Apr 04 j 11:13	3°♒18'33	0°48'19
max. Earth dist.	-9556 Apr 07 j 12:45	9°♒41'53	1.34421 AU
evening rise	-9556 Apr 12 j 13:02	19°♒45'19	
	-9556 Apr 17 j 23:49	0°♓	
	-9556 May 07 j 01:31	0°♈	
desc. node	-9556 May 15 j 17:46	10°♈20'36	
evening max el	-9556 May 17 j 03:46	11°♈46'09	27°11'44
retrograde	-9556 May 30 j 13:20	19°♈15'49	
evening set	-9556 Jun 06 j 11:17	16°♈29'30	
min. Earth dist.	-9556 Jun 10 j 05:16	12°♈49'50	0.64700 AU
inferior conj	-9556 Jun 12 j 08:59	10°♈23'28	-3°24'38
minimum elong	-9556 Jun 12 j 11:13	10°♈17'08	3°24'15
morning rise	-9556 Jun 18 j 11:35	4°♈52'00	
direct	-9556 Jun 21 j 09:48	4°♈06'02	
asc. node	-9556 Jun 26 j 08:09	6°♈10'37	
morning max el	-9556 Jun 27 j 22:22	7°♈37'28	18°18'08
	-9556 Jul 13 j 01:14	0°♉	
morning set	-9556 Jul 16 j 16:41	6°♉05'40	
superior conj	-9556 Jul 30 j 18:44	29°♉10'40	1°07'17
minimum elong	-9556 Jul 31 j 01:14	29°♉36'44	1°07'05
	-9556 Jul 31 j 07:03	0°♊	
max. Earth dist.	-9556 Aug 03 j 07:02	4°♊47'01	1.44361 AU
desc. node	-9556 Aug 11 j 15:04	17°♊55'21	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening rise	-9556 Aug 16 j 10:21	25°♊25'39	
	-9556 Aug 19 j 08:51	0°♋	
greatest brilliancy	-9556 Aug 28 j 03:01	13°♋28'59	-0.7m
	-9556 Sep 09 j 02:11	0°♌	
evening max el	-9556 Sep 10 j 05:10	1°♌12'32	19°42'40
retrograde	-9556 Sep 17 j 13:53	5°♌28'10	
evening set	-9556 Sep 21 j 00:24	4°♌19'23	
asc. node	-9556 Sep 22 j 08:04	3°♌17'12	
	-9556 Sep 25 j 07:42	30°℞♋	
inferior conj	-9556 Sep 26 j 14:23	28°♋21'29	1°21'56
minimum elong	-9556 Sep 26 j 12:31	28°♋27'32	1°21'46
min. Earth dist.	-9556 Sep 27 j 16:13	26°♋57'21	0.66173 AU
morning rise	-9556 Oct 02 j 00:23	22°♋04'54	
direct	-9556 Oct 07 j 22:41	19°♋32'27	
morning max el	-9556 Oct 20 j 02:16	26°♋41'56	25°37'05
	-9556 Oct 23 j 04:43	0°♌	
desc. node	-9556 Nov 07 j 15:02	20°♌27'44	
	-9556 Nov 13 j 19:28	0°♍	
morning set	-9556 Nov 25 j 05:22	19°♍27'03	
max. Earth dist.	-9556 Nov 29 j 03:10	26°♍42'20	1.36443 AU
	-9556 Nov 30 j 20:31	0°♎	
superior conj	-9556 Dec 04 j 18:36	7°♎42'20	-1°40'06
minimum elong	-9556 Dec 04 j 19:54	7°♎48'53	1°40'04
evening rise	-9556 Dec 12 j 17:41	23°♎52'41	
	-9556 Dec 15 j 19:14	0°♏	
asc. node	-9556 Dec 19 j 06:07	6°♏32'18	
evening max el	-9556 Dec 30 j 14:30	22°♏36'34	19°54'55
retrograde	-9555 Jan 09 j 12:09	27°♏16'16	
evening set	-9555 Jan 12 j 00:54	26°♏59'22	
inferior conj	-9555 Jan 20 j 13:20	22°♏56'28	3°18'28
minimum elong	-9555 Jan 20 j 18:48	22°♏47'57	3°16'53
min. Earth dist.	-9555 Jan 22 j 19:24	21°♏32'36	0.56214 AU
morning rise	-9555 Jan 29 j 10:41	18°♏20'31	
direct	-9555 Feb 02 j 14:28	17°♏42'05	
desc. node	-9555 Feb 03 j 16:16	17°♏44'43	
morning max el	-9555 Feb 16 j 09:02	24°♏34'45	23°57'52
	-9555 Feb 21 j 07:43	0°♐	
	-9555 Mar 11 j 06:00	0°♑	
morning set	-9555 Mar 12 j 18:50	3°♑11'03	
asc. node	-9555 Mar 17 j 04:36	12°♑34'51	
superior conj	-9555 Mar 19 j 20:24	18°♑18'30	0°25'55
minimum elong	-9555 Mar 19 j 19:18	18°♑12'37	0°25'07
max. Earth dist.	-9555 Mar 21 j 17:02	22°♑17'15	1.33533 AU
	-9555 Mar 25 j 09:24	0°♒	
evening rise	-9555 Mar 27 j 08:59	4°♒01'47	
	-9555 Apr 10 j 17:59	0°♓	
evening max el	-9555 Apr 29 j 13:28	24°♓41'14	27°26'21
desc. node	-9555 May 02 j 15:07	27°♓25'42	
	-9555 May 06 j 06:32	0°♈	
retrograde	-9555 May 13 j 08:11	2°♈13'04	
	-9555 May 19 j 21:06	30°℞♓	
evening set	-9555 May 20 j 08:28	29°♓40'04	
min. Earth dist.	-9555 May 23 j 23:33	26°♓30'49	0.63116 AU
inferior conj	-9555 May 26 j 17:39	23°♓42'34	-3°40'26
minimum elong	-9555 May 26 j 18:41	23°♓39'56	3°40'30
morning rise	-9555 Jun 02 j 05:55	18°♓29'17	
direct	-9555 Jun 04 j 23:32	17°♓53'01	
morning max el	-9555 Jun 11 j 12:22	21°♓15'52	18°02'00
asc. node	-9555 Jun 13 j 04:57	23°♓06'07	
	-9555 Jun 18 j 03:54	0°♈	
morning set	-9555 Jun 28 j 13:50	17°♈42'19	
	-9555 Jul 05 j 15:59	0°♉	
superior conj	-9555 Jul 10 j 18:24	8°♉36'19	1°36'00
minimum elong	-9555 Jul 10 j 23:21	8°♉56'56	1°35'58
max. Earth dist.	-9555 Jul 16 j 20:47	18°♉36'13	1.43416 AU
	-9555 Jul 24 j 00:44	0°♊	
evening rise	-9555 Jul 26 j 12:23	3°♊52'51	
desc. node	-9555 Jul 29 j 12:19	8°♊31'02	
	-9555 Aug 12 j 20:58	0°♋	
evening max el	-9555 Aug 24 j 06:58	14°♋38'13	20°45'22
retrograde	-9555 Sep 01 j 10:41	19°♋25'51	
evening set	-9555 Sep 05 j 08:05	17°♋59'18	
asc. node	-9555 Sep 09 j 05:10	13°♋53'33	
inferior conj	-9555 Sep 10 j 17:26	11°♋52'36	0°29'34
minimum elong	-9555 Sep 10 j 16:45	11°♋54'55	0°29'52
min. Earth dist.	-9555 Sep 11 j 08:15	11°♋02'18	0.66821 AU
morning rise	-9555 Sep 16 j 01:13	5°♋33'15	
direct	-9555 Sep 21 j 08:47	3°♋17'38	
morning max el	-9555 Oct 02 j 11:48	9°♋56'52	24°17'32
	-9555 Oct 18 j 09:32	0°♌	
desc. node	-9555 Oct 25 j 11:47	10°♌31'03	
	-9555 Nov 06 j 12:03	0°♍	
morning set	-9555 Nov 07 j 02:22	1°♍01'33	
max. Earth dist.	-9555 Nov 11 j 02:02	8°♍02'19	1.38323 AU
superior conj	-9555 Nov 18 j 01:28	20°♍58'25	-1°43'21
minimum elong	-9555 Nov 18 j 01:09	20°♍56'54	1°43'12
	-9555 Nov 22 j 16:57	0°♎	
evening rise	-9555 Nov 26 j 17:28	7°♎56'14	
asc. node	-9555 Dec 06 j 03:25	25°♎18'22	
	-9555 Dec 09 j 06:37	0°♏	
evening max el	-9555 Dec 13 j 09:53	4°♏49'40	18°59'16
retrograde	-9555 Dec 21 j 21:40	8°♏53'39	
evening set	-9555 Dec 24 j 09:38	8°♏34'01	
inferior conj	-9554 Jan 01 j 08:05	4°♏15'51	4°04'49
minimum elong	-9554 Jan 01 j 10:47	4°♏11'03	4°04'19
min. Earth dist.	-9554 Jan 04 j 10:10	2°♏04'51	0.57651 AU
	-9554 Jan 07 j 19:26	30°℞♎	
morning rise	-9554 Jan 09 j 09:42	29°♎14'14	
direct	-9554 Jan 14 j 21:32	28°♎02'35	
desc. node	-9554 Jan 21 j 13:06	29°♎45'37	
	-9554 Jan 22 j 00:10	0°♏	
morning max el	-9554 Jan 28 j 23:59	5°♏17'02	25°30'42
	-9554 Feb 15 j 21:37	0°♐	
morning set	-9554 Feb 25 j 07:12	18°♐16'19	
	-9554 Mar 02 j 18:16	0°♑	
superior conj	-9554 Mar 04 j 06:45	3°♑18'39	0°02'07
minimum elong	-9554 Mar 04 j 06:41	3°♑18'18	0°01'31
behind sun begin	-9554 Mar 04 j 01:41	2°♑51'01	
behind sun end	-9554 Mar 04 j 11:42	3°♑45'34	
asc. node	-9554 Mar 04 j 01:40	2°♑50'58	
max. Earth dist.	-9554 Mar 05 j 03:41	5°♑12'21	1.32979 AU
evening rise	-9554 Mar 11 j 12:09	18°♑41'09	
	-9554 Mar 17 j 06:05	0°♒	
	-9554 Apr 05 j 09:40	0°♓	
evening max el	-9554 Apr 11 j 19:44	7°♓05'42	27°08'54
desc. node	-9554 Apr 19 j 12:25	12°♓52'52	
retrograde	-9554 Apr 25 j 20:22	14°♓34'38	
evening set	-9554 May 02 j 13:41	12°♓28'31	
min. Earth dist.	-9554 May 06 j 08:49	9°♓37'07	0.61231 AU
inferior conj	-9554 May 09 j 14:04	6°♓43'41	-3°39'42
minimum elong	-9554 May 09 j 13:08	6°♓45'47	3°39'57
morning rise	-9554 May 16 j 14:28	1°♓50'07	
direct	-9554 May 19 j 04:20	1°♓22'07	
morning max el	-9554 May 26 j 01:49	4°♓47'33	18°04'23
asc. node	-9554 May 31 j 01:47	10°♓58'57	
morning set	-9554 Jun 11 j 06:57	0°♈17'49	
	-9554 Jun 11 j 03:04	0°♈	
superior conj	-9554 Jun 21 j 21:26	19°♈23'37	1°48'45

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9554 Jun 21 j 22:53	19°♈29'58	1°48'49
	-9554 Jun 28 j 02:11	0°♉	
max. Earth dist.	-9554 Jun 29 j 04:52	1°♉51'16	1.41941 AU
evening rise	-9554 Jul 05 j 18:40	12°♉33'00	
desc. node	-9554 Jul 16 j 09:37	28°♉58'16	
	-9554 Jul 17 j 02:07	0°♊	
evening max el	-9554 Aug 07 j 02:01	28°♊01'03	21°59'38
	-9554 Aug 09 j 04:24	0°♋	
retrograde	-9554 Aug 16 j 06:13	3°♋27'10	
evening set	-9554 Aug 20 j 16:30	1°♋40'31	
	-9554 Aug 22 j 10:20	30°℞♊	
inferior conj	-9554 Aug 25 j 23:02	25°♊28'08	-0°22'05
minimum elong	-9554 Aug 25 j 23:30	25°♊26'30	0°21'20
min. Earth dist.	-9554 Aug 26 j 03:30	25°♊12'42	0.67181 AU
asc. node	-9554 Aug 27 j 02:13	23°♊54'50	
morning rise	-9554 Aug 31 j 06:22	19°♊09'44	
direct	-9554 Sep 04 j 23:42	17°♊13'06	
morning max el	-9554 Sep 14 j 22:50	23°♊12'24	22°52'53
	-9554 Sep 20 j 20:35	0°♋	
	-9554 Oct 11 j 19:34	0°♌	
desc. node	-9554 Oct 12 j 08:36	0°♌50'54	
morning set	-9554 Oct 18 j 21:18	11°♌18'21	
max. Earth dist.	-9554 Oct 24 j 00:07	19°♌52'09	1.40331 AU
	-9554 Oct 29 j 19:10	0°♍	
superior conj	-9554 Oct 31 j 16:11	3°♍22'59	-1°37'12
minimum elong	-9554 Oct 31 j 13:36	3°♍11'15	1°36'44
evening rise	-9554 Nov 10 j 08:43	21°♍30'22	
	-9554 Nov 14 j 21:20	0°♎	
asc. node	-9554 Nov 23 j 00:43	13°♎22'33	
evening max el	-9554 Nov 26 j 13:57	17°♎32'25	18°23'47
retrograde	-9554 Dec 04 j 01:06	21°♎14'06	
evening set	-9554 Dec 06 j 13:31	20°♎50'07	
inferior conj	-9554 Dec 13 j 22:27	16°♎11'03	4°14'47
minimum elong	-9554 Dec 13 j 21:42	16°♎12'35	4°14'40
min. Earth dist.	-9554 Dec 17 j 04:39	13°♎31'20	0.59471 AU
morning rise	-9554 Dec 21 j 04:11	10°♎48'27	
direct	-9554 Dec 27 j 16:36	8°♎57'52	
desc. node	-9553 Jan 08 j 09:54	14°♎14'45	
morning max el	-9553 Jan 10 j 18:36	16°♎22'28	26°44'14
	-9553 Jan 22 j 00:08	0°♏	
	-9553 Feb 08 j 03:53	0°♐	
morning set	-9553 Feb 09 j 17:55	3°♐16'09	
superior conj	-9553 Feb 16 j 18:29	18°♐22'29	-0°21'24
minimum elong	-9553 Feb 16 j 19:24	18°♐27'26	0°21'45
max. Earth dist.	-9553 Feb 16 j 17:06	18°♐14'53	1.32756 AU
asc. node	-9553 Feb 18 j 22:47	23°♐07'48	
	-9553 Feb 22 j 03:21	0°♑	
evening rise	-9553 Feb 23 j 20:00	3°♑33'50	
	-9553 Mar 10 j 04:19	0°♒	
evening max el	-9553 Mar 24 j 20:46	18°♒52'10	26°19'20
desc. node	-9553 Apr 06 j 09:39	26°♒06'34	
retrograde	-9553 Apr 07 j 23:55	26°♒12'54	
evening set	-9553 Apr 13 j 23:50	24°♒42'26	
min. Earth dist.	-9553 Apr 18 j 10:05	21°♒53'48	0.59225 AU
inferior conj	-9553 Apr 21 j 18:30	19°♒17'05	-3°15'54
minimum elong	-9553 Apr 21 j 15:21	19°♒23'17	3°15'52
morning rise	-9553 Apr 29 j 09:39	14°♒43'41	
direct	-9553 May 01 j 20:03	14°♒22'36	
morning max el	-9553 May 09 j 11:49	18°♒03'22	18°25'59
asc. node	-9553 May 17 j 22:39	29°♒35'23	
	-9553 May 18 j 04:27	0°♓	
morning set	-9553 May 25 j 15:13	13°♓40'11	
	-9553 Jun 03 j 06:30	0°♈	
superior conj	-9553 Jun 04 j 00:49	1°♈24'31	1°48'18
minimum elong	-9553 Jun 03 j 23:31	1°♈18'30	1°48'13
max. Earth dist.	-9553 Jun 11 j 07:36	14°♈24'38	1.40139 AU
evening rise	-9553 Jun 15 j 23:32	22°♈19'26	
	-9553 Jun 20 j 16:27	0°♉	
desc. node	-9553 Jul 03 j 06:58	19°♉12'01	
	-9553 Jul 11 j 01:43	0°♊	
evening max el	-9553 Jul 20 j 15:27	11°♊22'30	23°20'40
retrograde	-9553 Jul 30 j 22:58	17°♊29'11	
evening set	-9553 Aug 04 j 23:45	15°♊21'28	
inferior conj	-9553 Aug 10 j 05:24	9°♊06'11	-1°11'24
minimum elong	-9553 Aug 10 j 06:53	9°♊01'06	1°10'21
min. Earth dist.	-9553 Aug 09 j 23:26	9°♊26'45	0.67247 AU
asc. node	-9553 Aug 13 j 23:13	4°♊22'03	
morning rise	-9553 Aug 15 j 13:55	2°♊52'24	
direct	-9553 Aug 19 j 18:22	1°♊14'47	
morning max el	-9553 Aug 28 j 14:14	6°♊31'02	21°31'14
	-9553 Sep 15 j 06:28	0°♋	
morning set	-9553 Sep 28 j 14:08	20°♋21'15	
desc. node	-9553 Sep 29 j 05:30	21°♋21'57	
	-9553 Oct 04 j 14:32	0°♌	
max. Earth dist.	-9553 Oct 06 j 03:46	2°♌32'25	1.42185 AU
superior conj	-9553 Oct 13 j 09:02	14°♌41'19	-1°18'56
minimum elong	-9553 Oct 13 j 04:23	14°♌21'18	1°18'02
	-9553 Oct 22 j 00:56	0°♍	
evening rise	-9553 Oct 24 j 11:53	4°♍27'01	
	-9553 Nov 09 j 09:38	0°♎	
asc. node	-9553 Nov 09 j 22:01	0°♎32'11	
evening max el	-9553 Nov 09 j 23:59	0°♎37'05	18°08'18
retrograde	-9553 Nov 16 j 20:28	4°♎09'14	
evening set	-9553 Nov 19 j 10:20	3°♎39'32	
	-9553 Nov 24 j 19:49	30°℞♍	
inferior conj	-9553 Nov 26 j 07:01	28°♍38'38	3°58'18
minimum elong	-9553 Nov 26 j 04:05	28°♍45'33	3°57'58
min. Earth dist.	-9553 Nov 29 j 06:08	25°♍51'52	0.61356 AU
morning rise	-9553 Dec 02 j 20:42	22°♍58'53	
direct	-9553 Dec 09 j 21:11	20°♍36'20	
morning max el	-9553 Dec 23 j 19:38	28°♍06'38	27°27'15
	-9553 Dec 25 j 16:30	0°♎	
desc. node	-9553 Dec 26 j 06:40	0°♎37'45	
	-9552 Jan 15 j 14:57	0°♏	
morning set	-9552 Jan 25 j 01:05	18°♏03'47	
	-9552 Jan 30 j 16:24	0°♐	
max. Earth dist.	-9552 Jan 31 j 05:47	1°♐12'30	1.32869 AU
superior conj	-9552 Feb 01 j 05:59	3°♐24'08	-0°43'44
minimum elong	-9552 Feb 01 j 07:42	3°♐33'26	0°43'53
asc. node	-9552 Feb 05 j 19:58	13°♐21'18	
evening rise	-9552 Feb 08 j 06:32	18°♐32'40	
	-9552 Feb 13 j 23:23	0°♑	
evening max el	-9552 Mar 05 j 16:25	0°♒03'18	25°03'12
	-9552 Mar 05 j 15:02	0°♒	
retrograde	-9552 Mar 19 j 16:25	7°♒08'14	
desc. node	-9552 Mar 23 j 06:50	6°♒38'03	
evening set	-9552 Mar 24 j 14:41	6°♒12'13	
min. Earth dist.	-9552 Mar 30 j 05:28	3°♒12'49	0.57380 AU
inferior conj	-9552 Apr 02 j 03:48	1°♒14'14	-2°21'56
minimum elong	-9552 Apr 01 j 23:35	1°♒21'24	2°21'24
	-9552 Apr 04 j 00:31	30°℞♑	
morning rise	-9552 Apr 10 j 11:40	26°♑59'26	
direct	-9552 Apr 12 j 18:53	26°♑43'43	
	-9552 Apr 20 j 15:06	0°♒	
morning max el	-9552 Apr 21 j 15:26	0°♒54'09	19°07'26
asc. node	-9552 May 03 j 19:32	18°♒45'05	
morning set	-9552 May 08 j 10:30	27°♒39'16	
	-9552 May 09 j 15:01	0°♓	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9552 May 16 j 23:04	14°♓24'31	1°38'24
minimum elong	-9552 May 16 j 20:23	14°♓11'35	1°37'59
max. Earth dist.	-9552 May 23 j 08:22	26°♓22'46	1.38254 AU
	-9552 May 25 j 08:38	0°♈	
evening rise	-9552 May 27 j 07:47	3°♈27'58	
	-9552 Jun 12 j 19:15	0°♉	
desc. node	-9552 Jun 19 j 04:21	9°♉06'13	
evening max el	-9552 Jul 02 j 01:47	24°♉45'12	24°41'36
	-9552 Jul 08 j 14:35	0°♊	
retrograde	-9552 Jul 13 j 12:04	1°♊28'29	
	-9552 Jul 17 j 21:54	30°℞♉	
evening set	-9552 Jul 19 j 03:54	29°♉01'06	
min. Earth dist.	-9552 Jul 23 j 17:34	23°♉43'00	0.67002 AU
inferior conj	-9552 Jul 24 j 10:45	22°♉45'21	-1°56'56
minimum elong	-9552 Jul 24 j 13:01	22°♉37'48	1°55'46
morning rise	-9552 Jul 29 j 22:05	16°♉39'37	
asc. node	-9552 Jul 30 j 20:11	16°♉04'45	
direct	-9552 Aug 02 j 15:29	15°♉19'30	
morning max el	-9552 Aug 10 j 12:04	19°♉56'24	20°18'40
	-9552 Aug 18 j 13:00	0°♊	
morning set	-9552 Sep 06 j 16:16	28°♊45'50	
	-9552 Sep 07 j 11:21	0°♋	
desc. node	-9552 Sep 15 j 02:26	11°♋59'38	
max. Earth dist.	-9552 Sep 17 j 14:22	15°♋59'00	1.43625 AU
superior conj	-9552 Sep 22 j 22:46	24°♋39'44	-0°46'44
minimum elong	-9552 Sep 22 j 18:17	24°♋21'21	0°45'39
	-9552 Sep 26 j 04:17	0°♌	
evening rise	-9552 Oct 05 j 22:21	16°♌34'51	
	-9552 Oct 13 j 18:12	0°♍	
evening max el	-9552 Oct 23 j 12:56	13°♍54'47	18°12'02
asc. node	-9552 Oct 26 j 19:18	16°♍30'59	
retrograde	-9552 Oct 30 j 03:35	17°♍27'58	
evening set	-9552 Nov 01 j 20:23	16°♍50'54	
inferior conj	-9552 Nov 08 j 06:21	11°♍30'03	3°24'47
minimum elong	-9552 Nov 08 j 02:41	11°♍39'47	3°24'11
min. Earth dist.	-9552 Nov 10 j 17:12	8°♍54'16	0.63078 AU
morning rise	-9552 Nov 14 j 08:13	5°♍35'54	
direct	-9552 Nov 21 j 09:32	2°♍54'31	
morning max el	-9552 Dec 05 j 02:15	10°♍28'50	27°35'17
desc. node	-9552 Dec 12 j 03:23	18°♍21'52	
	-9552 Dec 20 j 13:52	0°♎	
	-9551 Jan 06 j 20:09	0°♏	
morning set	-9551 Jan 08 j 02:19	2°♏30'06	
max. Earth dist.	-9551 Jan 13 j 13:45	13°♏50'35	1.33337 AU
superior conj	-9551 Jan 15 j 15:28	18°♏16'29	-1°04'08
minimum elong	-9551 Jan 15 j 17:42	18°♏28'28	1°04'10
	-9551 Jan 21 j 02:12	0°♐	
evening rise	-9551 Jan 22 j 17:54	3°♐30'06	
asc. node	-9551 Jan 22 j 17:10	3°♐26'19	
	-9551 Feb 06 j 08:44	0°♑	
evening max el	-9551 Feb 15 j 09:21	10°♑54'03	23°31'50
retrograde	-9551 Feb 28 j 20:33	17°♑31'03	
evening set	-9551 Mar 04 j 15:36	16°♑59'24	
desc. node	-9551 Mar 10 j 03:56	14°♑37'16	
min. Earth dist.	-9551 Mar 11 j 21:34	13°♑37'25	0.56007 AU
inferior conj	-9551 Mar 13 j 17:29	12°♑31'36	-0°55'18
minimum elong	-9551 Mar 13 j 15:12	12°♑35'02	0°55'08
morning rise	-9551 Mar 22 j 17:21	8°♑29'01	
direct	-9551 Mar 24 j 23:25	8°♑16'14	
morning max el	-9551 Apr 04 j 09:57	13°♑10'47	20°08'45
	-9551 Apr 16 j 07:39	0°♒	
asc. node	-9551 Apr 20 j 16:25	8°♒19'47	
morning set	-9551 Apr 22 j 13:34	12°♒05'59	
superior conj	-9551 Apr 30 j 11:04	28°♒09'13	1°22'12
minimum elong	-9551 Apr 30 j 08:07	27°♒54'25	1°21'28
	-9551 May 01 j 09:14	0°♓	
max. Earth dist.	-9551 May 05 j 12:33	8°♓05'33	1.36514 AU
evening rise	-9551 May 09 j 15:33	15°♓49'21	
	-9551 May 17 j 18:12	0°♈	
desc. node	-9551 Jun 06 j 01:44	28°♈32'20	
	-9551 Jun 07 j 05:38	0°♉	
evening max el	-9551 Jun 14 j 11:36	8°♉09'20	25°54'17
retrograde	-9551 Jun 26 j 20:52	15°♉20'10	
evening set	-9551 Jul 03 j 02:52	12°♉38'00	
min. Earth dist.	-9551 Jul 07 j 07:38	7°♉58'46	0.66406 AU
inferior conj	-9551 Jul 08 j 13:17	6°♉24'02	-2°37'05
minimum elong	-9551 Jul 08 j 15:56	6°♉15'30	2°36'03
morning rise	-9551 Jul 14 j 05:05	0°♉29'24	
	-9551 Jul 15 j 02:01	30°℞♈	
direct	-9551 Jul 17 j 13:26	29°♈24'32	
asc. node	-9551 Jul 17 j 17:04	29°♈24'40	
	-9551 Jul 20 j 02:50	0°♉	
morning max el	-9551 Jul 24 j 16:33	3°♉29'23	19°19'16
	-9551 Aug 12 j 05:47	0°♊	
morning set	-9551 Aug 17 j 00:23	7°♊30'32	
max. Earth dist.	-9551 Aug 31 j 05:34	29°♊54'57	1.44462 AU
	-9551 Aug 31 j 06:51	0°♋	
desc. node	-9551 Sep 01 j 23:27	2°♋41'00	
superior conj	-9551 Sep 02 j 10:23	3°♋24'28	-0°02'48
minimum elong	-9551 Sep 02 j 10:08	3°♋23'25	0°02'11
behind sun begin	-9551 Sep 01 j 22:56	2°♋38'56	
behind sun end	-9551 Sep 02 j 21:19	4°♋07'56	
evening rise	-9551 Sep 17 j 10:48	27°♋41'38	
	-9551 Sep 18 j 20:25	0°♌	
evening max el	-9551 Oct 07 j 01:57	27°♌20'01	18°33'59
	-9551 Oct 10 j 07:44	0°♍	
retrograde	-9551 Oct 13 j 18:19	1°♍03'10	
asc. node	-9551 Oct 13 j 16:30	1°♍03'08	
evening set	-9551 Oct 16 j 16:08	0°♍16'19	
	-9551 Oct 17 j 03:32	30°℞♌	
inferior conj	-9551 Oct 22 j 17:01	24°♌38'39	2°41'05
minimum elong	-9551 Oct 22 j 13:39	24°♌48'30	2°40'26
min. Earth dist.	-9551 Oct 24 j 14:30	22°♌25'46	0.64528 AU
morning rise	-9551 Oct 28 j 10:37	18°♌33'03	
direct	-9551 Nov 04 j 04:51	15°♌46'29	
morning max el	-9551 Nov 17 j 11:51	23°♌19'52	27°09'50
	-9551 Nov 23 j 12:55	0°♍	
desc. node	-9551 Nov 29 j 00:06	7°♍03'32	
	-9551 Dec 13 j 19:42	0°♎	
morning set	-9551 Dec 22 j 18:39	16°♎25'25	
max. Earth dist.	-9551 Dec 27 j 13:14	25°♎58'03	1.34201 AU
	-9551 Dec 29 j 12:00	0°♏	
superior conj	-9551 Dec 30 j 21:02	2°♏53'05	-1°21'37
minimum elong	-9551 Dec 30 j 23:23	3°♏05'24	1°21'36
evening rise	-9550 Jan 07 j 04:25	18°♏20'10	
asc. node	-9550 Jan 09 j 14:24	23°♏17'57	
	-9550 Jan 13 j 00:40	0°♐	
evening max el	-9550 Jan 28 j 05:07	21°♐49'33	21°58'53
retrograde	-9550 Feb 09 j 14:06	27°♐43'57	
evening set	-9550 Feb 12 j 13:13	27°♐24'26	
inferior conj	-9550 Feb 21 j 17:11	23°♐19'19	0°52'24
minimum elong	-9550 Feb 21 j 19:28	23°♐16'04	0°51'05
min. Earth dist.	-9550 Feb 21 j 12:24	23°♐26'07	0.55394 AU
desc. node	-9550 Feb 25 j 00:58	21°♐29'34	
morning rise	-9550 Mar 03 j 02:14	19°♐14'55	
direct	-9550 Mar 05 j 15:15	19°♐00'17	
morning max el	-9550 Mar 17 j 17:34	24°♐47'23	21°28'22
	-9550 Mar 22 j 09:47	0°♑	
morning set	-9550 Apr 06 j 21:47	26°♑52'20	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9550 Apr 07 j 13:19	28°♉12'39	
	-9550 Apr 08 j 09:59	0°♒	
superior conj	-9550 Apr 14 j 08:46	12°♒26'16	1°01'59
minimum elong	-9550 Apr 14 j 06:15	12°♒13'17	1°01'06
max. Earth dist.	-9550 Apr 18 j 01:20	19°♒59'00	1.35077 AU
evening rise	-9550 Apr 22 j 17:08	29°♒07'10	
	-9550 Apr 23 j 04:15	0°♓	
	-9550 May 10 j 21:50	0°♈	
desc. node	-9550 May 23 j 23:08	17°♈18'07	
evening max el	-9550 May 27 j 22:13	21°♈30'18	26°50'18
retrograde	-9550 Jun 10 j 00:53	28°♈56'49	
evening set	-9550 Jun 16 j 18:13	26°♈08'40	
min. Earth dist.	-9550 Jun 20 j 15:28	22°♈08'08	0.65429 AU
inferior conj	-9550 Jun 22 j 10:52	19°♈58'46	-3°09'59
minimum elong	-9550 Jun 22 j 13:27	19°♈51'04	3°09'20
morning rise	-9550 Jun 28 j 08:58	14°♈18'03	
direct	-9550 Jul 01 j 10:17	13°♈25'56	
asc. node	-9550 Jul 04 j 13:54	14°♈19'08	
morning max el	-9550 Jul 08 j 02:20	17°♈07'17	18°35'32
	-9550 Jul 17 j 13:42	0°♉	
morning set	-9550 Jul 28 j 06:08	17°♉16'17	
	-9550 Aug 05 j 02:55	0°♊	
superior conj	-9550 Aug 12 j 09:57	11°♊37'23	0°43'58
minimum elong	-9550 Aug 12 j 15:06	11°♊57'48	0°43'53
max. Earth dist.	-9550 Aug 13 j 22:20	14°♊01'23	1.44599 AU
desc. node	-9550 Aug 19 j 20:33	23°♊22'40	
	-9550 Aug 24 j 01:19	0°♋	
evening rise	-9550 Aug 28 j 20:45	7°♋35'57	
	-9550 Sep 12 j 05:40	0°♌	
evening max el	-9550 Sep 20 j 12:24	10°♌48'25	19°13'06
retrograde	-9550 Sep 27 j 13:19	14°♌49'46	
evening set	-9550 Sep 30 j 18:29	13°♌50'04	
asc. node	-9550 Sep 30 j 13:39	13°♌57'16	
inferior conj	-9550 Oct 06 j 11:58	7°♌58'51	1°51'43
minimum elong	-9550 Oct 06 j 09:29	8°♌06'42	1°51'18
min. Earth dist.	-9550 Oct 07 j 20:44	6°♌15'39	0.65663 AU
morning rise	-9550 Oct 12 j 00:05	1°♌45'13	
	-9550 Oct 14 j 13:18	30°℞♋	
direct	-9550 Oct 18 j 06:31	29°♋04'56	
	-9550 Oct 22 j 07:00	0°♌	
morning max el	-9550 Oct 30 j 21:52	6°♌27'08	26°16'48
desc. node	-9550 Nov 15 j 20:48	26°♌26'01	
	-9550 Nov 18 j 06:49	0°♍	
morning set	-9550 Dec 05 j 22:15	29°♍37'52	
	-9550 Dec 06 j 02:59	0°♎	
max. Earth dist.	-9550 Dec 10 j 01:36	7°♎32'35	1.35499 AU
superior conj	-9550 Dec 14 j 20:23	17°♎06'41	-1°34'56
minimum elong	-9550 Dec 14 j 22:16	17°♎16'19	1°34'55
	-9550 Dec 21 j 01:59	0°♏	
evening rise	-9550 Dec 22 j 12:24	2°♏57'23	
asc. node	-9550 Dec 27 j 11:39	12°♏50'28	
	-9549 Jan 07 j 08:58	0°♐	
evening max el	-9549 Jan 10 j 08:53	3°♐11'07	20°35'41
retrograde	-9549 Jan 21 j 04:42	8°♐16'11	
evening set	-9549 Jan 23 j 19:06	7°♐59'50	
inferior conj	-9549 Feb 01 j 14:59	4°♐01'25	2°33'40
minimum elong	-9549 Feb 01 j 20:30	3°♐53'17	2°31'41
min. Earth dist.	-9549 Feb 03 j 02:35	3°♐09'07	0.55673 AU
	-9549 Feb 09 j 15:43	30°℞♏	
morning rise	-9549 Feb 10 j 20:20	29°♏39'31	
desc. node	-9549 Feb 11 j 21:56	29°♏26'02	
direct	-9549 Feb 14 j 06:47	29°♏13'34	
	-9549 Feb 18 j 19:10	0°♐	
morning max el	-9549 Feb 27 j 14:50	5°♐47'22	23°01'34
	-9549 Mar 16 j 10:22	0°♑	
morning set	-9549 Mar 22 j 09:05	11°♑51'51	
asc. node	-9549 Mar 25 j 10:18	18°♑18'41	
superior conj	-9549 Mar 29 j 13:12	27°♑06'38	0°39'27
minimum elong	-9549 Mar 29 j 11:32	26°♑57'46	0°38'35
	-9549 Mar 30 j 21:56	0°♒	
max. Earth dist.	-9549 Apr 01 j 00:34	2°♒19'52	1.34000 AU
evening rise	-9549 Apr 06 j 07:38	13°♒06'52	
	-9549 Apr 15 j 10:04	0°♓	
	-9549 May 06 j 00:01	0°♈	
evening max el	-9549 May 10 j 09:03	4°♈39'20	27°21'47
desc. node	-9549 May 10 j 20:30	5°♈06'49	
retrograde	-9549 May 23 j 23:18	12°♈10'54	
evening set	-9549 May 30 j 23:02	9°♈28'47	
min. Earth dist.	-9549 Jun 03 j 15:16	6°♈02'55	0.64067 AU
inferior conj	-9549 Jun 06 j 01:08	3°♈25'45	-3°33'03
minimum elong	-9549 Jun 06 j 02:57	3°♈20'46	3°32'53
	-9549 Jun 09 j 10:47	30°℞♓	
morning rise	-9549 Jun 12 j 07:33	28°♓01'28	
direct	-9549 Jun 15 j 03:35	27°♓19'54	
	-9549 Jun 20 j 19:43	0°♈	
asc. node	-9549 Jun 21 j 10:44	0°♈35'09	
morning max el	-9549 Jun 21 j 15:26	0°♈46'45	18°08'58
morning set	-9549 Jul 09 j 13:40	28°♈14'28	
	-9549 Jul 10 j 14:28	0°♉	
superior conj	-9549 Jul 22 j 19:55	20°♉22'20	1°21'28
minimum elong	-9549 Jul 23 j 02:16	20°♉48'07	1°21'17
max. Earth dist.	-9549 Jul 27 j 13:57	28°♉01'44	1.44036 AU
	-9549 Jul 28 j 19:37	0°♊	
desc. node	-9549 Aug 06 j 17:44	14°♊01'32	
evening rise	-9549 Aug 08 j 06:32	16°♊24'27	
	-9549 Aug 17 j 02:44	0°♋	
evening max el	-9549 Sep 03 j 17:57	24°♋16'19	20°07'48
retrograde	-9549 Sep 11 j 09:59	28°♋44'18	
evening set	-9549 Sep 15 j 00:52	27°♋28'24	
asc. node	-9549 Sep 17 j 10:47	25°♋16'40	
inferior conj	-9549 Sep 20 j 12:41	21°♋26'40	0°59'46
minimum elong	-9549 Sep 20 j 11:19	21°♋31'12	0°59'47
min. Earth dist.	-9549 Sep 21 j 09:48	20°♋16'34	0.66488 AU
morning rise	-9549 Sep 25 j 21:31	15°♋08'33	
direct	-9549 Oct 01 j 13:43	12°♋42'32	
morning max el	-9549 Oct 13 j 07:13	19°♋40'20	25°04'23
	-9549 Oct 22 j 03:48	0°♌	
desc. node	-9549 Nov 02 j 17:31	16°♌17'04	
	-9549 Nov 11 j 09:51	0°♍	
morning set	-9549 Nov 18 j 08:01	11°♍52'15	
max. Earth dist.	-9549 Nov 22 j 03:53	18°♍48'58	1.37211 AU
superior conj	-9549 Nov 28 j 10:24	0°♎47'18	-1°42'29
minimum elong	-9549 Nov 28 j 11:07	0°♎50'49	1°42'24
	-9549 Nov 28 j 00:45	0°♎	
evening rise	-9549 Dec 06 j 15:52	17°♎15'13	
	-9549 Dec 13 j 06:43	0°♏	
asc. node	-9549 Dec 14 j 08:57	1°♏56'06	
evening max el	-9549 Dec 23 j 22:40	15°♏05'39	19°28'52
retrograde	-9548 Jan 02 j 04:38	19°♏28'01	
evening set	-9548 Jan 04 j 17:01	19°♏10'06	
inferior conj	-9548 Jan 12 j 23:35	15°♏01'56	3°43'00
minimum elong	-9548 Jan 13 j 04:09	14°♏54'25	3°41'54
min. Earth dist.	-9548 Jan 15 j 16:21	13°♏16'20	0.56762 AU
morning rise	-9548 Jan 21 j 13:05	10°♏15'04	
direct	-9548 Jan 26 j 07:06	9°♏23'46	
desc. node	-9548 Jan 29 j 18:49	9°♏51'56	
morning max el	-9548 Feb 09 j 05:56	16°♏27'08	24°38'41
	-9548 Feb 20 j 03:46	0°♐	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9548 Mar 05 j 21:35	26°♐56'49	
	-9548 Mar 07 j 08:14	0°♑	
asc. node	-9548 Mar 11 j 07:21	8°♑32'13	
superior conj	-9548 Mar 12 j 21:57	12°♑01'16	0°15'49
minimum elong	-9548 Mar 12 j 21:17	11°♑57'42	0°15'07
behind sun begin	-9548 Mar 12 j 19:52	11°♑49'58	
behind sun end	-9548 Mar 12 j 22:43	12°♑05'25	
max. Earth dist.	-9548 Mar 14 j 08:08	15°♑05'39	1.33265 AU
evening rise	-9548 Mar 20 j 07:03	27°♑34'36	
	-9548 Mar 21 j 11:57	0°♒	
	-9548 Apr 07 j 17:46	0°♓	
evening max el	-9548 Apr 21 j 17:49	17°♓23'22	27°22'59
desc. node	-9548 Apr 26 j 17:50	21°♓34'18	
retrograde	-9548 May 05 j 15:17	24°♓53'35	
evening set	-9548 May 12 j 13:50	22°♓30'54	
min. Earth dist.	-9548 May 16 j 05:44	19°♓30'47	0.62347 AU
inferior conj	-9548 May 19 j 05:03	16°♓38'19	-3°42'31
minimum elong	-9548 May 19 j 05:20	16°♓37'38	3°42'43
morning rise	-9548 May 25 j 22:08	11°♓32'57	
direct	-9548 May 28 j 14:11	11°♓00'13	
morning max el	-9548 Jun 04 j 05:28	14°♓22'40	18°00'39
asc. node	-9548 Jun 07 j 07:35	17°♓56'38	
	-9548 Jun 15 j 00:18	0°♈	
morning set	-9548 Jun 20 j 19:58	10°♈17'51	
superior conj	-9548 Jul 02 j 07:07	0°♉21'57	1°43'15
minimum elong	-9548 Jul 02 j 10:37	0°♉36'48	1°43'18
	-9548 Jul 02 j 01:57	0°♉	
max. Earth dist.	-9548 Jul 09 j 01:53	11°♉39'33	1.42847 AU
evening rise	-9548 Jul 17 j 07:34	24°♉49'25	
	-9548 Jul 20 j 15:28	0°♊	
desc. node	-9548 Jul 23 j 15:00	4°♊34'13	
	-9548 Aug 10 j 05:27	0°♋	
evening max el	-9548 Aug 16 j 17:00	7°♋41'20	21°15'51
retrograde	-9548 Aug 25 j 06:21	12°♋44'11	
evening set	-9548 Aug 29 j 09:07	11°♋09'10	
asc. node	-9548 Sep 03 j 07:52	5°♋31'14	
inferior conj	-9548 Sep 03 j 17:02	4°♋59'50	0°07'30
minimum elong	-9548 Sep 03 j 16:51	5°♋00'28	0°07'59
transit middle	-9548 Sep 03 j 16:51	5°♋00'28	0°07'59
transit begin	-9548 Sep 03 j 14:29	5°♋08'34	
transit end	-9548 Sep 03 j 19:14	4°♋52'21	
min. Earth dist.	-9548 Sep 04 j 03:24	4°♋24'22	0.67010 AU
	-9548 Sep 07 j 15:34	30°℞♊	
morning rise	-9548 Sep 09 j 00:27	28°♊40'45	
direct	-9548 Sep 14 j 01:54	26°♊33'08	
	-9548 Sep 21 j 13:04	0°♋	
morning max el	-9548 Sep 24 j 17:01	2°♋55'27	23°41'46
	-9548 Oct 15 j 08:07	0°♌	
desc. node	-9548 Oct 19 j 14:18	6°♌28'30	
morning set	-9548 Oct 29 j 18:27	22°♌54'51	
	-9548 Nov 02 j 21:20	0°♍	
max. Earth dist.	-9548 Nov 03 j 02:01	0°♍20'30	1.39180 AU
superior conj	-9548 Nov 10 j 11:07	13°♍43'50	-1°42'05
minimum elong	-9548 Nov 10 j 09:54	13°♍38'07	1°41'49
	-9548 Nov 18 j 22:29	0°♎	
evening rise	-9548 Nov 19 j 12:27	1°♎07'48	
asc. node	-9548 Nov 30 j 06:15	20°♎25'55	
evening max el	-9548 Dec 05 j 22:00	27°♎32'17	18°41'37
	-9548 Dec 09 j 01:49	0°♏	
retrograde	-9548 Dec 13 j 21:58	1°♏25'14	
evening set	-9548 Dec 16 j 10:07	1°♏03'48	
	-9548 Dec 19 j 01:01	30°℞♎	
inferior conj	-9548 Dec 24 j 02:38	26°♎36'41	4°12'58
minimum elong	-9548 Dec 24 j 03:48	26°♎34'29	4°12'43
min. Earth dist.	-9548 Dec 27 j 08:01	24°♎11'14	0.58404 AU
morning rise	-9548 Dec 31 j 19:32	21°♎25'44	
direct	-9547 Jan 06 j 19:07	19°♎57'46	
desc. node	-9547 Jan 15 j 15:39	22°♎59'52	
morning max el	-9547 Jan 20 j 21:55	27°♎16'30	26°05'08
	-9547 Jan 23 j 13:34	0°♏	
	-9547 Feb 12 j 09:33	0°♐	
morning set	-9547 Feb 18 j 09:30	12°♐00'42	
superior conj	-9547 Feb 25 j 09:06	27°♐03'28	-0°07'59
minimum elong	-9547 Feb 25 j 09:28	27°♐05'26	0°08'27
behind sun begin	-9547 Feb 25 j 05:12	26°♐42'13	
behind sun end	-9547 Feb 25 j 13:43	27°♐28'39	
max. Earth dist.	-9547 Feb 25 j 20:37	28°♐06'17	1.32852 AU
asc. node	-9547 Feb 26 j 04:27	28°♐48'58	
	-9547 Feb 26 j 17:30	0°♑	
evening rise	-9547 Mar 04 j 12:30	12°♑20'28	
	-9547 Mar 13 j 16:35	0°♒	
evening max el	-9547 Apr 03 j 22:00	29°♒31'36	26°51'24
	-9547 Apr 04 j 09:58	0°♓	
desc. node	-9547 Apr 13 j 15:07	6°♓09'05	
retrograde	-9547 Apr 17 j 23:43	6°♓57'11	
evening set	-9547 Apr 24 j 11:09	5°♓05'27	
min. Earth dist.	-9547 Apr 28 j 11:05	2°♓17'25	0.60385 AU
	-9547 May 01 j 04:17	30°℞♒	
inferior conj	-9547 May 01 j 19:05	29°♒28'20	-3°32'52
minimum elong	-9547 May 01 j 17:11	29°♒32'23	3°33'03
morning rise	-9547 May 09 j 01:28	24°♒43'30	
direct	-9547 May 11 j 14:00	24°♒18'29	
morning max el	-9547 May 18 j 17:47	27°♒48'19	18°11'13
	-9547 May 20 j 18:41	0°♓	
asc. node	-9547 May 25 j 04:27	6°♓09'09	
morning set	-9547 Jun 03 j 20:03	23°♓14'21	
	-9547 Jun 07 j 11:10	0°♈	
superior conj	-9547 Jun 13 j 21:08	11°♈42'04	1°49'56
minimum elong	-9547 Jun 13 j 21:15	11°♈42'36	1°50'00
max. Earth dist.	-9547 Jun 21 j 07:58	24°♈38'44	1.41198 AU
	-9547 Jun 24 j 12:59	0°♉	
evening rise	-9547 Jun 26 j 21:54	3°♉52'35	
desc. node	-9547 Jul 10 j 12:20	24°♉56'17	
	-9547 Jul 13 j 23:34	0°♊	
evening max el	-9547 Jul 30 j 09:19	21°♊02'31	22°33'38
retrograde	-9547 Aug 09 j 00:51	26°♊46'04	
evening set	-9547 Aug 13 j 17:16	24°♊50'10	
inferior conj	-9547 Aug 18 j 23:09	18°♊36'05	-0°43'24
minimum elong	-9547 Aug 19 j 00:04	18°♊32'54	0°42'29
min. Earth dist.	-9547 Aug 18 j 23:07	18°♊36'11	0.67242 AU
asc. node	-9547 Aug 21 j 04:54	15°♊35'30	
morning rise	-9547 Aug 24 j 06:48	12°♊19'25	
direct	-9547 Aug 28 j 18:22	10°♊31'15	
morning max el	-9547 Sep 07 j 05:43	16°♊12'09	22°17'29
	-9547 Sep 18 j 08:45	0°♋	
desc. node	-9547 Oct 06 j 11:07	26°♋53'24	
	-9547 Oct 08 j 10:16	0°♌	
morning set	-9547 Oct 10 j 01:43	2°♌37'53	
max. Earth dist.	-9547 Oct 16 j 02:21	12°♌31'58	1.41153 AU
superior conj	-9547 Oct 23 j 17:11	25°♌41'19	-1°31'05
minimum elong	-9547 Oct 23 j 13:36	25°♌25'26	1°30'27
	-9547 Oct 26 j 02:56	0°♍	
evening rise	-9547 Nov 02 j 23:02	14°♍26'54	
	-9547 Nov 11 j 14:13	0°♎	
asc. node	-9547 Nov 17 j 03:32	8°♎08'18	
evening max el	-9547 Nov 19 j 04:51	10°♎24'31	18°14'44
retrograde	-9547 Nov 26 j 08:48	14°♎01'08	
evening set	-9547 Nov 28 j 21:33	13°♎35'00	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

inferior conj	-9547 Dec 06 j 01:05	8°♎46'26	4°10'26
minimum elong	-9547 Dec 05 j 23:13	8°♎50'30	4°10'16
min. Earth dist.	-9547 Dec 09 j 05:09	6°♎01'06	0.60277 AU
morning rise	-9547 Dec 12 j 23:24	3°♎15'46	
direct	-9547 Dec 19 j 18:15	1°♎10'26	
desc. node	-9546 Jan 02 j 12:26	8°♎21'27	
morning max el	-9546 Jan 02 j 19:26	8°♎38'10	27°06'45
	-9546 Jan 19 j 04:42	0°♏	
morning set	-9546 Feb 02 j 19:00	26°♏56'31	
	-9546 Feb 04 j 06:05	0°♐	
superior conj	-9546 Feb 09 j 20:57	12°♐07'09	-0°31'03
minimum elong	-9546 Feb 09 j 22:13	12°♐14'06	0°31'19
max. Earth dist.	-9546 Feb 09 j 10:12	11°♐08'28	1.32760 AU
asc. node	-9546 Feb 13 j 01:35	19°♐04'48	
evening rise	-9546 Feb 16 j 21:43	27°♐16'25	
	-9546 Feb 18 j 05:16	0°♑	
	-9546 Mar 07 j 12:14	0°♒	
evening max el	-9546 Mar 16 j 20:23	11°♒01'25	25°49'33
retrograde	-9546 Mar 30 j 23:08	18°♒17'28	
desc. node	-9546 Mar 31 j 12:21	18°♒16'43	
evening set	-9546 Apr 05 j 12:57	17°♒02'07	
min. Earth dist.	-9546 Apr 10 j 09:28	14°♒10'30	0.58400 AU
inferior conj	-9546 Apr 13 j 15:42	11°♒47'18	-2°57'05
minimum elong	-9546 Apr 13 j 11:50	11°♒54'26	2°56'48
morning rise	-9546 Apr 21 j 13:51	7°♒22'39	
direct	-9546 Apr 23 j 22:46	7°♒04'10	
morning max el	-9546 May 02 j 01:33	10°♒55'32	18°41'13
asc. node	-9546 May 12 j 01:20	25°♒01'07	
	-9546 May 14 j 18:49	0°♓	
morning set	-9546 May 18 j 09:28	6°♓53'42	
superior conj	-9546 May 27 j 09:19	24°♓10'46	1°45'03
minimum elong	-9546 May 27 j 07:16	24°♓01'08	1°44'50
	-9546 May 30 j 12:42	0°♈	
max. Earth dist.	-9546 Jun 03 j 08:57	6°♈54'24	1.39327 AU
evening rise	-9546 Jun 07 j 14:33	14°♈14'14	
	-9546 Jun 17 j 07:09	0°♉	
desc. node	-9546 Jun 27 j 09:41	15°♉02'47	
	-9546 Jul 08 j 20:09	0°♊	
evening max el	-9546 Jul 12 j 20:52	4°♊23'31	23°55'30
retrograde	-9546 Jul 23 j 16:18	10°♊47'25	
evening set	-9546 Jul 28 j 23:25	8°♊30'53	
inferior conj	-9546 Aug 03 j 05:18	2°♊14'49	-1°31'19
minimum elong	-9546 Aug 03 j 07:08	2°♊08'32	1°30'10
min. Earth dist.	-9546 Aug 02 j 18:38	2°♊51'14	0.67180 AU
	-9546 Aug 04 j 21:33	30°℞♉	
asc. node	-9546 Aug 08 j 01:54	26°♉30'02	
morning rise	-9546 Aug 08 j 14:49	26°♉03'57	
direct	-9546 Aug 12 j 14:12	24°♉34'11	
morning max el	-9546 Aug 20 j 23:45	29°♉33'30	20°58'54
	-9546 Aug 21 j 09:54	0°♊	
	-9546 Sep 12 j 02:09	0°♋	
morning set	-9546 Sep 19 j 10:01	11°♋17'31	
desc. node	-9546 Sep 23 j 08:00	17°♋27'23	
max. Earth dist.	-9546 Sep 28 j 08:24	25°♋30'35	1.42857 AU
	-9546 Oct 01 j 02:15	0°♌	
superior conj	-9546 Oct 04 j 22:50	6°♌25'40	-1°06'57
minimum elong	-9546 Oct 04 j 17:50	6°♌04'35	1°05'56
evening rise	-9546 Oct 16 j 19:39	27°♌03'31	
	-9546 Oct 18 j 11:20	0°♍	
evening max el	-9546 Nov 02 j 16:25	23°♍34'59	18°07'38
asc. node	-9546 Nov 04 j 00:48	24°♍49'24	
retrograde	-9546 Nov 09 j 09:35	27°♍06'31	
evening set	-9546 Nov 12 j 00:22	26°♍34'04	
inferior conj	-9546 Nov 18 j 16:20	21°♍24'39	3°45'41
minimum elong	-9546 Nov 18 j 12:56	21°♍33'06	3°45'14
min. Earth dist.	-9546 Nov 21 j 10:43	18°♍40'18	0.62114 AU
morning rise	-9546 Nov 25 j 00:27	15°♍38'17	
direct	-9546 Dec 02 j 02:31	13°♍05'34	
morning max el	-9546 Dec 15 j 23:02	20°♍38'51	27°34'58
desc. node	-9546 Dec 20 j 09:09	25°♍21'58	
	-9546 Dec 24 j 03:45	0°♎	
	-9545 Jan 12 j 01:28	0°♏	
morning set	-9545 Jan 17 j 23:56	11°♏36'05	
max. Earth dist.	-9545 Jan 23 j 21:07	23°♏58'15	1.33014 AU
superior conj	-9545 Jan 25 j 07:48	27°♏05'38	-0°52'40
minimum elong	-9545 Jan 25 j 09:46	27°♏16'19	0°52'47
	-9545 Jan 26 j 15:56	0°♐	
asc. node	-9545 Jan 30 j 22:45	9°♐15'04	
evening rise	-9545 Feb 01 j 08:46	12°♐15'09	
	-9545 Feb 10 j 11:52	0°♑	
evening max el	-9545 Feb 26 j 14:20	22°♑01'28	24°25'30
retrograde	-9545 Mar 12 j 10:53	28°♑56'47	
evening set	-9545 Mar 16 j 20:53	28°♑12'54	
desc. node	-9545 Mar 18 j 09:31	27°♑38'36	
min. Earth dist.	-9545 Mar 23 j 03:29	25°♑05'04	0.56713 AU
inferior conj	-9545 Mar 25 j 16:28	23°♑27'37	-1°48'57
minimum elong	-9545 Mar 25 j 12:38	23°♑33'46	1°48'25
morning rise	-9545 Apr 03 j 07:29	19°♑19'02	
direct	-9545 Apr 05 j 13:28	19°♑05'05	
morning max el	-9545 Apr 15 j 01:41	23°♑33'14	19°31'04
	-9545 Apr 20 j 11:47	0°♒	
asc. node	-9545 Apr 28 j 22:11	14°♒22'14	
morning set	-9545 May 02 j 08:26	21°♒05'24	
	-9545 May 06 j 19:03	0°♓	
superior conj	-9545 May 10 j 13:59	7°♓31'19	1°32'09
minimum elong	-9545 May 10 j 11:04	7°♓17'02	1°31'35
max. Earth dist.	-9545 May 16 j 10:01	18°♓41'00	1.37486 AU
evening rise	-9545 May 20 j 09:32	25°♓55'58	
	-9545 May 22 j 16:58	0°♈	
	-9545 Jun 10 j 19:27	0°♉	
desc. node	-9545 Jun 14 j 07:05	4°♉46'14	
evening max el	-9545 Jun 25 j 06:46	17°♉47'07	25°14'03
retrograde	-9545 Jul 07 j 03:43	24°♉43'42	
evening set	-9545 Jul 13 j 01:37	22°♉09'32	
min. Earth dist.	-9545 Jul 17 j 11:27	17°♉07'27	0.66792 AU
inferior conj	-9545 Jul 18 j 09:41	15°♉54'07	-2°14'45
minimum elong	-9545 Jul 18 j 12:10	15°♉45'57	2°13'36
morning rise	-9545 Jul 23 j 22:41	9°♉52'26	
asc. node	-9545 Jul 25 j 22:49	8°♉52'50	
direct	-9545 Jul 27 j 11:59	8°♉39'03	
morning max el	-9545 Aug 04 j 00:23	13°♉01'34	19°51'29
	-9545 Aug 16 j 16:11	0°♊	
morning set	-9545 Aug 29 j 12:02	19°♊43'03	
	-9545 Sep 05 j 01:47	0°♋	
desc. node	-9545 Sep 10 j 04:58	8°♋06'57	
max. Earth dist.	-9545 Sep 10 j 20:51	9°♋10'09	1.44061 AU
superior conj	-9545 Sep 15 j 00:45	15°♋50'34	-0°29'09
minimum elong	-9545 Sep 14 j 21:34	15°♋37'45	0°28'11
	-9545 Sep 23 j 16:00	0°♌	
evening rise	-9545 Sep 28 j 21:21	8°♌46'32	
	-9545 Oct 11 j 19:21	0°♍	
evening max el	-9545 Oct 17 j 05:49	6°♍57'01	18°19'19
asc. node	-9545 Oct 21 j 22:02	10°♍13'26	
retrograde	-9545 Oct 23 j 20:14	10°♍33'04	
evening set	-9545 Oct 26 j 14:57	9°♍52'08	
inferior conj	-9545 Nov 01 j 20:52	4°♍24'02	3°07'10
minimum elong	-9545 Nov 01 j 17:14	4°♍34'06	3°06'31
min. Earth dist.	-9545 Nov 04 j 02:08	1°♍56'45	0.63733 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9545 Nov 05 j 23:37	30°℞♌	
morning rise	-9545 Nov 07 j 18:51	28°♌24'52	
direct	-9545 Nov 14 j 18:09	25°♌39'25	
	-9545 Nov 24 j 15:46	0°♍	
morning max el	-9545 Nov 28 j 07:01	3°♍14'04	27°28'16
desc. node	-9545 Dec 07 j 05:50	13°♍33'03	
	-9545 Dec 18 j 12:14	0°♎	
morning set	-9544 Jan 01 j 21:46	25°♎50'37	
	-9544 Jan 03 j 23:27	0°♏	
max. Earth dist.	-9544 Jan 07 j 01:47	6°♏23'59	1.33650 AU
superior conj	-9544 Jan 09 j 15:53	11°♏52'36	-1°11'58
minimum elong	-9544 Jan 09 j 18:13	12°♏05'03	1°11'59
evening rise	-9544 Jan 16 j 19:59	27°♏10'31	
asc. node	-9544 Jan 17 j 19:56	29°♏15'14	
	-9544 Jan 18 j 04:37	0°♐	
	-9544 Feb 05 j 13:15	0°♑	
evening max el	-9544 Feb 08 j 08:01	2°♑52'14	22°51'52
retrograde	-9544 Feb 21 j 09:37	9°♑11'51	
evening set	-9544 Feb 24 j 18:53	8°♑46'51	
min. Earth dist.	-9544 Mar 03 j 19:02	5°♑11'30	0.55647 AU
desc. node	-9544 Mar 04 j 06:35	4°♑54'47	
inferior conj	-9544 Mar 04 j 23:10	4°♑30'42	-0°10'53
minimum elong	-9544 Mar 04 j 22:40	4°♑31'25	0°11'18
transit middle	-9544 Mar 04 j 22:40	4°♑31'25	0°11'18
transit begin	-9544 Mar 04 j 19:49	4°♑35'33	
transit end	-9544 Mar 05 j 01:30	4°♑27'18	
morning rise	-9544 Mar 14 j 04:07	0°♑28'59	
direct	-9544 Mar 16 j 11:54	0°♑16'05	
morning max el	-9544 Mar 27 j 15:35	5°♑32'49	20°40'24
	-9544 Apr 12 j 17:59	0°♒	
asc. node	-9544 Apr 14 j 19:05	4°♒05'18	
morning set	-9544 Apr 15 j 13:59	5°♒41'20	
superior conj	-9544 Apr 23 j 06:30	21°♒30'41	1°14'00
minimum elong	-9544 Apr 23 j 03:41	21°♒16'17	1°13'11
max. Earth dist.	-9544 Apr 27 j 17:41	0°♓26'30	1.35871 AU
	-9544 Apr 27 j 12:17	0°♓	
evening rise	-9544 May 02 j 01:37	8°♓43'22	
	-9544 May 14 j 08:28	0°♈	
desc. node	-9544 May 31 j 04:30	23°♈56'44	
	-9544 Jun 05 j 12:51	0°♉	
evening max el	-9544 Jun 06 j 17:09	1°♉11'26	26°20'39
retrograde	-9544 Jun 19 j 10:23	8°♉29'27	
evening set	-9544 Jun 25 j 21:40	5°♉43'46	
min. Earth dist.	-9544 Jun 29 j 23:09	1°♉21'03	0.66044 AU
inferior conj	-9544 Jul 01 j 10:24	29°♈31'26	-2°52'05
minimum elong	-9544 Jul 01 j 13:05	29°♈23'02	2°51'11
	-9544 Jul 01 j 01:14	30°℞♈	
morning rise	-9544 Jul 07 j 04:38	23°♈42'12	
direct	-9544 Jul 10 j 09:51	22°♈42'52	
asc. node	-9544 Jul 11 j 19:41	22°♈53'55	
morning max el	-9544 Jul 17 j 07:15	26°♈36'22	18°58'35
	-9544 Jul 20 j 05:52	0°♉	
morning set	-9544 Aug 08 j 04:11	28°♉50'37	
	-9544 Aug 08 j 21:36	0°♊	
max. Earth dist.	-9544 Aug 23 j 13:30	23°♊14'06	1.44613 AU
superior conj	-9544 Aug 24 j 04:40	24°♊14'04	0°17'29
minimum elong	-9544 Aug 24 j 06:55	24°♊22'59	0°17'46
desc. node	-9544 Aug 27 j 02:02	28°♊48'35	
	-9544 Aug 27 j 20:03	0°♋	
evening rise	-9544 Sep 08 j 22:50	19°♋23'04	
	-9544 Sep 15 j 12:36	0°♌	
evening max el	-9544 Sep 29 j 18:06	20°♌24'02	18°48'39
retrograde	-9544 Oct 06 j 13:06	24°♌13'36	
asc. node	-9544 Oct 07 j 19:14	24°♌04'38	
evening set	-9544 Oct 09 j 13:52	23°♌21'29	
inferior conj	-9544 Oct 15 j 11:22	17°♌37'33	2°20'36
minimum elong	-9544 Oct 15 j 08:20	17°♌46'45	2°20'01
min. Earth dist.	-9544 Oct 17 j 03:14	15°♌37'02	0.65052 AU
morning rise	-9544 Oct 21 j 02:22	11°♌28'24	
direct	-9544 Oct 27 j 16:04	8°♌43'31	
morning max el	-9544 Nov 09 j 16:55	16°♌12'42	26°50'16
	-9544 Nov 21 j 06:12	0°♍	
desc. node	-9544 Nov 23 j 02:30	2°♍33'19	
	-9544 Dec 10 j 06:25	0°♎	
morning set	-9544 Dec 15 j 09:10	9°♎28'30	
max. Earth dist.	-9544 Dec 19 j 20:49	18°♎17'00	1.34704 AU
superior conj	-9544 Dec 23 j 19:05	26°♎19'53	-1°27'52
minimum elong	-9544 Dec 23 j 21:19	26°♎31'28	1°27'51
	-9544 Dec 25 j 13:13	0°♏	
evening rise	-9544 Dec 31 j 05:38	11°♏55'32	
asc. node	-9543 Jan 03 j 17:10	18°♏59'14	
	-9543 Jan 09 j 17:09	0°♐	
evening max el	-9543 Jan 20 j 06:38	13°♐56'02	21°21'45
retrograde	-9543 Feb 01 j 00:13	19°♐29'18	
evening set	-9543 Feb 03 j 18:43	19°♐11'46	
inferior conj	-9543 Feb 12 j 20:13	15°♐11'37	1°37'56
minimum elong	-9543 Feb 13 j 00:18	15°♐05'48	1°36'08
min. Earth dist.	-9543 Feb 13 j 09:09	14°♐53'11	0.55409 AU
desc. node	-9543 Feb 19 j 03:33	11°♐58'15	
morning rise	-9543 Feb 22 j 05:31	11°♐01'52	
direct	-9543 Feb 25 j 02:02	10°♐43'52	
morning max el	-9543 Mar 09 j 18:22	16°♐51'37	22°06'50
	-9543 Mar 20 j 00:00	0°♑	
morning set	-9543 Mar 30 j 23:46	20°♑34'06	
asc. node	-9543 Apr 01 j 16:01	24°♑04'15	
	-9543 Apr 04 j 11:25	0°♒	
superior conj	-9543 Apr 07 j 07:24	5°♒58'26	0°52'37
minimum elong	-9543 Apr 07 j 05:13	5°♒46'59	0°51'44
max. Earth dist.	-9543 Apr 10 j 11:15	12°♒31'51	1.34579 AU
evening rise	-9543 Apr 15 j 09:13	22°♒20'19	
	-9543 Apr 19 j 10:35	0°♓	
	-9543 May 08 j 01:43	0°♈	
desc. node	-9543 May 18 j 01:54	12°♈20'36	
evening max el	-9543 May 20 j 04:05	14°♈28'43	27°07'01
retrograde	-9543 Jun 02 j 11:55	21°♈57'50	
evening set	-9543 Jun 09 j 08:56	19°♈10'31	
min. Earth dist.	-9543 Jun 13 j 03:38	15°♈25'45	0.64902 AU
inferior conj	-9543 Jun 15 j 05:13	13°♈03'27	-3°21'10
minimum elong	-9543 Jun 15 j 07:34	12°♈56'42	3°20'43
morning rise	-9543 Jun 21 j 06:36	7°♈29'37	
direct	-9543 Jun 24 j 05:34	6°♈42'09	
asc. node	-9543 Jun 28 j 16:33	8°♈25'11	
morning max el	-9543 Jun 30 j 18:48	10°♈15'46	18°22'07
	-9543 Jul 14 j 09:04	0°♉	
morning set	-9543 Jul 19 j 21:05	9°♉07'55	
	-9543 Aug 01 j 15:46	0°♊	
superior conj	-9543 Aug 03 j 06:02	2°♊33'06	1°01'36
minimum elong	-9543 Aug 03 j 12:22	2°♊58'23	1°01'23
max. Earth dist.	-9543 Aug 06 j 06:45	7°♊22'22	1.44444 AU
desc. node	-9543 Aug 13 j 23:12	19°♊29'33	
evening rise	-9543 Aug 19 j 21:42	28°♊47'34	
	-9543 Aug 20 j 16:14	0°♋	
greatest brilliancy	-9543 Aug 30 j 20:30	15°♋47'00	-0.7m
	-9543 Sep 09 j 18:28	0°♌	
evening max el	-9543 Sep 13 j 02:42	3°♌52'21	19°34'29
retrograde	-9543 Sep 20 j 09:13	8°♌04'08	
evening set	-9543 Sep 23 j 18:16	6°♌57'48	
asc. node	-9543 Sep 24 j 16:24	6°♌16'59	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

inferior conj	-9543 Sep 29 j 09:06	1°♌01'25	1°29'51
minimum elong	-9543 Sep 29 j 07:04	1°♌07'59	1°29'36
	-9543 Sep 30 j 04:04	30°℞♋	
min. Earth dist.	-9543 Sep 30 j 12:40	29°♋32'19	0.66052 AU
morning rise	-9543 Oct 04 j 19:34	24°♋45'24	
direct	-9543 Oct 10 j 19:57	22°♋10'47	
morning max el	-9543 Oct 23 j 02:54	29°♋24'05	25°47'51
	-9543 Oct 23 j 17:06	0°♌	
desc. node	-9543 Nov 09 j 23:13	22°♌08'51	
	-9543 Nov 15 j 02:45	0°♍	
morning set	-9543 Nov 28 j 05:50	22°♍17'31	
max. Earth dist.	-9543 Dec 02 j 04:50	29°♍41'44	1.36188 AU
	-9543 Dec 02 j 08:39	0°♎	
superior conj	-9543 Dec 07 j 14:51	10°♎19'51	-1°38'59
minimum elong	-9543 Dec 07 j 16:20	10°♎27'19	1°38'56
evening rise	-9543 Dec 15 j 11:57	26°♎24'45	
	-9543 Dec 17 j 06:36	0°♏	
asc. node	-9543 Dec 21 j 14:27	8°♏20'53	
evening max el	-9542 Jan 02 j 14:21	25°♏29'49	20°04'52
	-9542 Jan 10 j 07:35	0°♐	
retrograde	-9542 Jan 12 j 17:46	0°♐15'58	
evening set	-9542 Jan 15 j 06:42	29°♏59'21	
	-9542 Jan 15 j 05:28	30°℞♏	
inferior conj	-9542 Jan 23 j 21:10	25°♏58'01	3°07'56
minimum elong	-9542 Jan 24 j 02:47	25°♏49'24	3°06'14
min. Earth dist.	-9542 Jan 25 j 22:54	24°♏42'03	0.56046 AU
morning rise	-9542 Feb 01 j 20:54	21°♏25'46	
direct	-9542 Feb 05 j 19:53	20°♏51'07	
desc. node	-9542 Feb 06 j 00:28	20°♏51'11	
morning max el	-9542 Feb 19 j 12:23	27°♏39'41	23°43'23
	-9542 Feb 21 j 19:17	0°♐	
	-9542 Mar 12 j 18:21	0°♑	
morning set	-9542 Mar 15 j 11:47	5°♑36'24	
asc. node	-9542 Mar 19 j 13:01	14°♑13'41	
superior conj	-9542 Mar 22 j 13:55	20°♑45'28	0°29'29
minimum elong	-9542 Mar 22 j 12:40	20°♑38'46	0°28'42
max. Earth dist.	-9542 Mar 24 j 14:15	25°♑03'12	1.33638 AU
	-9542 Mar 26 j 22:50	0°♒	
evening rise	-9542 Mar 30 j 03:51	6°♒32'36	
	-9542 Apr 12 j 00:43	0°♓	
evening max el	-9542 May 02 j 14:05	27°♓27'35	27°26'11
desc. node	-9542 May 04 j 23:17	29°♓37'59	
	-9542 May 05 j 09:46	0°♈	
retrograde	-9542 May 16 j 07:52	4°♈59'51	
evening set	-9542 May 23 j 08:16	2°♈23'56	
	-9542 May 26 j 03:23	30°℞♓	
min. Earth dist.	-9542 May 26 j 23:24	29°♓10'47	0.63372 AU
inferior conj	-9542 May 29 j 15:28	26°♓24'48	-3°39'01
minimum elong	-9542 May 29 j 16:44	26°♓21'30	3°39'03
morning rise	-9542 Jun 05 j 02:09	21°♓08'40	
direct	-9542 Jun 07 j 20:19	20°♓31'09	
morning max el	-9542 Jun 14 j 08:43	23°♓54'47	18°03'12
asc. node	-9542 Jun 15 j 13:24	25°♓10'55	
	-9542 Jun 19 j 06:07	0°♈	
morning set	-9542 Jul 01 j 14:50	20°♈34'41	
	-9542 Jul 07 j 01:44	0°♉	
superior conj	-9542 Jul 14 j 01:52	11°♉47'16	1°32'43
minimum elong	-9542 Jul 14 j 07:17	12°♉09'39	1°32'38
max. Earth dist.	-9542 Jul 19 j 20:53	21°♉14'10	1.43595 AU
	-9542 Jul 25 j 08:59	0°♊	
evening rise	-9542 Jul 30 j 01:04	7°♊18'10	
desc. node	-9542 Jul 31 j 20:27	10°♊06'04	
	-9542 Aug 14 j 00:41	0°♋	
evening max el	-9542 Aug 27 j 05:31	17°♋18'27	20°35'15

retrograde	-9542 Sep 04 j 06:07	22°♋00'54	
evening set	-9542 Sep 08 j 01:42	20°♋37'16	
asc. node	-9542 Sep 11 j 13:31	17°♋03'21	
inferior conj	-9542 Sep 13 j 11:38	14°♋31'45	0°37'32
minimum elong	-9542 Sep 13 j 10:46	14°♋34'40	0°37'45
min. Earth dist.	-9542 Sep 14 j 04:05	13°♋36'12	0.66744 AU
morning rise	-9542 Sep 18 j 19:37	8°♋12'32	
direct	-9542 Sep 24 j 05:25	5°♋54'02	
morning max el	-9542 Oct 05 j 12:22	12°♋38'41	24°29'52
	-9542 Oct 19 j 12:51	0°♌	
desc. node	-9542 Oct 27 j 20:00	12°♌09'15	
	-9542 Nov 07 j 21:47	0°♍	
morning set	-9542 Nov 10 j 06:23	4°♍03'11	
max. Earth dist.	-9542 Nov 14 j 04:15	10°♍59'17	1.38026 AU
superior conj	-9542 Nov 20 j 23:46	23°♍42'58	-1°43'26
minimum elong	-9542 Nov 20 j 23:45	23°♍42'53	1°43'18
	-9542 Nov 24 j 05:11	0°♎	
evening rise	-9542 Nov 29 j 12:50	10°♎32'29	
asc. node	-9542 Dec 08 j 11:45	27°♎12'30	
	-9542 Dec 10 j 05:52	0°♏	
evening max el	-9542 Dec 16 j 08:25	7°♏38'51	19°06'20
retrograde	-9542 Dec 25 j 00:39	11°♏47'03	
evening set	-9542 Dec 27 j 12:39	11°♏27'57	
inferior conj	-9541 Jan 04 j 13:13	7°♏12'43	4°00'21
minimum elong	-9541 Jan 04 j 16:27	7°♏07'06	3°59'42
min. Earth dist.	-9541 Jan 07 j 13:30	5°♏07'40	0.57404 AU
morning rise	-9541 Jan 12 j 17:57	2°♏14'43	
direct	-9541 Jan 18 j 01:24	1°♏08'31	
desc. node	-9541 Jan 23 j 21:20	2°♏27'50	
morning max el	-9541 Feb 01 j 03:12	8°♏20'46	25°17'44
	-9541 Feb 17 j 05:02	0°♐	
morning set	-9541 Feb 28 j 00:16	20°♐41'54	
	-9541 Mar 04 j 08:33	0°♑	
asc. node	-9541 Mar 06 j 10:05	4°♑29'18	
superior conj	-9541 Mar 06 j 23:57	5°♑44'36	0°05'43
minimum elong	-9541 Mar 06 j 23:43	5°♑43'24	0°05'07
behind sun begin	-9541 Mar 06 j 18:55	5°♑17'19	
behind sun end	-9541 Mar 07 j 04:31	6°♑09'28	
max. Earth dist.	-9541 Mar 08 j 00:10	7°♑56'04	1.33041 AU
evening rise	-9541 Mar 14 j 06:11	21°♑09'29	
	-9541 Mar 18 j 17:12	0°♒	
	-9541 Apr 06 j 05:09	0°♓	
evening max el	-9541 Apr 14 j 21:06	9°♓57'28	27°13'37
desc. node	-9541 Apr 21 j 20:34	15°♓21'59	
retrograde	-9541 Apr 28 j 21:07	17°♓26'56	
evening set	-9541 May 05 j 16:05	15°♓16'15	
min. Earth dist.	-9541 May 09 j 10:05	12°♓22'59	0.61527 AU
inferior conj	-9541 May 12 j 13:57	9°♓29'08	-3°41'13
minimum elong	-9541 May 12 j 13:21	9°♓30'30	3°41'27
morning rise	-9541 May 19 j 12:22	4°♓32'24	
direct	-9541 May 22 j 02:45	4°♓03'13	
morning max el	-9541 May 28 j 22:23	7°♓27'36	18°02'45
asc. node	-9541 Jun 02 j 10:16	12°♓55'56	
	-9541 Jun 12 j 13:15	0°♈	
morning set	-9541 Jun 14 j 05:19	3°♈02'05	
superior conj	-9541 Jun 25 j 00:50	22°♈22'03	1°47'44
minimum elong	-9541 Jun 25 j 02:49	22°♈30'36	1°47'51
	-9541 Jun 29 j 12:00	0°♉	
max. Earth dist.	-9541 Jul 02 j 05:50	4°♉34'39	1.42192 AU
evening rise	-9541 Jul 09 j 05:17	15°♉52'11	
	-9541 Jul 18 j 08:34	0°♊	
desc. node	-9541 Jul 18 j 17:45	0°♊34'38	
	-9541 Aug 09 j 09:32	0°♋	
evening max el	-9541 Aug 10 j 01:37	0°♋41'38	21°48'04

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9541 Aug 19 j 01:50	6°♋01'31	
evening set	-9541 Aug 23 j 10:07	4°♋18'00	
	-9541 Aug 27 j 07:37	30°℞♊	
inferior conj	-9541 Aug 28 j 16:58	28°♊06'24	-0°14'22
minimum elong	-9541 Aug 28 j 17:16	28°♊05'22	0°13'41
transit middle	-9541 Aug 28 j 17:16	28°♊05'22	0°13'41
transit begin	-9541 Aug 28 j 15:47	28°♊10'30	
transit end	-9541 Aug 28 j 18:46	28°♊00'14	
min. Earth dist.	-9541 Aug 28 j 22:59	27°♊45'39	0.67147 AU
asc. node	-9541 Aug 29 j 10:36	27°♊05'42	
morning rise	-9541 Sep 03 j 00:16	21°♊47'42	
direct	-9541 Sep 07 j 19:42	19°♊48'08	
morning max el	-9541 Sep 17 j 22:54	25°♊53'26	23°05'27
	-9541 Sep 21 j 16:05	0°♋	
	-9541 Oct 13 j 02:57	0°♌	
desc. node	-9541 Oct 14 j 16:48	2°♌26'48	
morning set	-9541 Oct 22 j 05:23	14°♌31'39	
max. Earth dist.	-9541 Oct 27 j 02:02	22°♌43'07	1.40033 AU
	-9541 Oct 31 j 05:55	0°♍	
superior conj	-9541 Nov 03 j 17:15	6°♍16'16	-1°38'52
minimum elong	-9541 Nov 03 j 15:02	6°♍06'06	1°38'29
evening rise	-9541 Nov 13 j 05:33	24°♍11'25	
	-9541 Nov 16 j 07:01	0°♎	
asc. node	-9541 Nov 25 j 09:03	15°♎23'43	
evening max el	-9541 Nov 29 j 11:22	20°♎17'44	18°27'47
retrograde	-9541 Dec 07 j 01:25	24°♎01'46	
evening set	-9541 Dec 09 j 13:49	23°♎38'26	
inferior conj	-9541 Dec 17 j 00:40	19°♎02'32	4°15'14
minimum elong	-9541 Dec 17 j 00:23	19°♎03'05	4°15'06
min. Earth dist.	-9541 Dec 20 j 07:05	16°♎25'50	0.59191 AU
morning rise	-9541 Dec 24 j 09:12	13°♎42'55	
direct	-9541 Dec 30 j 18:45	11°♎58'03	
desc. node	-9540 Jan 10 j 18:08	16°♎36'38	
morning max el	-9540 Jan 13 j 20:56	19°♎21'03	26°35'01
	-9540 Jan 22 j 23:08	0°♏	
	-9540 Feb 09 j 16:25	0°♐	
morning set	-9540 Feb 12 j 11:21	5°♐42'46	
superior conj	-9540 Feb 19 j 11:35	20°♐48'00	-0°17'53
minimum elong	-9540 Feb 19 j 12:21	20°♐52'12	0°18'16
max. Earth dist.	-9540 Feb 19 j 13:30	20°♐58'30	1.32773 AU
asc. node	-9540 Feb 21 j 07:11	24°♐45'57	
	-9540 Feb 23 j 17:16	0°♑	
evening rise	-9540 Feb 26 j 13:29	6°♑00'32	
	-9540 Mar 10 j 09:34	0°♒	
evening max el	-9540 Mar 26 j 23:03	21°♒49'35	26°28'33
desc. node	-9540 Apr 07 j 17:50	28°♒57'46	
retrograde	-9540 Apr 10 j 01:54	29°♒11'27	
evening set	-9540 Apr 16 j 05:06	27°♒35'30	
min. Earth dist.	-9540 Apr 20 j 12:19	24°♒47'27	0.59525 AU
inferior conj	-9540 Apr 23 j 20:58	22°♒06'56	-3°21'24
minimum elong	-9540 Apr 23 j 18:07	22°♒12'39	3°21'25
morning rise	-9540 May 01 j 09:44	17°♒30'29	
direct	-9540 May 03 j 20:45	17°♒08'22	
morning max el	-9540 May 11 j 09:01	20°♒45'51	18°21'32
	-9540 May 18 j 10:02	0°♓	
asc. node	-9540 May 19 j 07:07	1°♓26'16	
morning set	-9540 May 27 j 11:36	16°♓18'10	
	-9540 Jun 03 j 18:00	0°♈	
superior conj	-9540 Jun 06 j 00:57	4°♈12'51	1°49'04
minimum elong	-9540 Jun 05 j 23:58	4°♈08'23	1°49'01
max. Earth dist.	-9540 Jun 13 j 09:35	17°♈15'37	1.40419 AU
evening rise	-9540 Jun 18 j 06:11	25°♈26'53	
	-9540 Jun 21 j 01:03	0°♉	
desc. node	-9540 Jul 04 j 15:04	20°♉50'51	
	-9540 Jul 11 j 02:47	0°♊	
evening max el	-9540 Jul 22 j 15:46	14°♊03'22	23°08'24
retrograde	-9540 Aug 01 j 19:02	20°♊03'51	
evening set	-9540 Aug 06 j 17:38	17°♊59'08	
inferior conj	-9540 Aug 11 j 23:18	11°♊44'10	-1°04'11
minimum elong	-9540 Aug 12 j 00:39	11°♊39'32	1°03'08
min. Earth dist.	-9540 Aug 11 j 18:53	11°♊59'24	0.67258 AU
asc. node	-9540 Aug 15 j 07:38	7°♊25'13	
morning rise	-9540 Aug 17 j 07:33	5°♊29'37	
direct	-9540 Aug 21 j 13:50	3°♊49'16	
morning max el	-9540 Aug 30 j 13:31	9°♊11'37	21°42'58
	-9540 Sep 15 j 11:29	0°♋	
desc. node	-9540 Sep 30 j 13:38	22°♋56'17	
morning set	-9540 Oct 01 j 01:41	23°♋43'55	
	-9540 Oct 04 j 23:34	0°♌	
max. Earth dist.	-9540 Oct 08 j 04:57	5°♌16'39	1.41932 AU
superior conj	-9540 Oct 15 j 13:42	17°♌45'03	-1°22'34
minimum elong	-9540 Oct 15 j 09:17	17°♌25'52	1°21'46
	-9540 Oct 22 j 11:24	0°♍	
evening rise	-9540 Oct 26 j 10:45	7°♍14'01	
	-9540 Nov 08 j 23:57	0°♎	
asc. node	-9540 Nov 11 j 06:20	2°♎42'07	
evening max el	-9540 Nov 11 j 20:38	3°♎18'58	18°09'19
retrograde	-9540 Nov 18 j 18:44	6°♎51'57	
evening set	-9540 Nov 21 j 08:17	6°♎23'12	
inferior conj	-9540 Nov 28 j 06:40	1°♎25'18	4°02'03
minimum elong	-9540 Nov 28 j 03:58	1°♎31'32	4°01'47
	-9540 Nov 29 j 19:20	30°℞♍	
min. Earth dist.	-9540 Dec 01 j 07:13	28°♍38'23	0.61082 AU
morning rise	-9540 Dec 04 j 22:27	25°♍47'49	
direct	-9540 Dec 11 j 21:50	23°♍29'28	
	-9540 Dec 24 j 20:00	0°♎	
morning max el	-9540 Dec 25 j 21:03	0°♎58'53	27°23'04
desc. node	-9540 Dec 27 j 14:53	2°♎44'13	
	-9539 Jan 15 j 23:37	0°♏	
morning set	-9539 Jan 26 j 19:08	20°♏32'15	
	-9539 Jan 31 j 06:41	0°♐	
max. Earth dist.	-9539 Feb 02 j 02:33	3°♐57'29	1.32833 AU
superior conj	-9539 Feb 02 j 23:10	5°♐49'43	-0°40'27
minimum elong	-9539 Feb 03 j 00:46	5°♐58'28	0°40'39
asc. node	-9539 Feb 07 j 04:18	14°♐59'35	
evening rise	-9539 Feb 09 j 23:41	20°♐58'19	
	-9539 Feb 14 j 10:25	0°♑	
	-9539 Mar 05 j 19:46	0°♒	
evening max el	-9539 Mar 08 j 19:15	3°♒04'28	25°15'44
retrograde	-9539 Mar 22 j 20:05	10°♒12'33	
desc. node	-9539 Mar 25 j 15:02	9°♒54'09	
evening set	-9539 Mar 27 j 22:36	9°♒11'43	
min. Earth dist.	-9539 Apr 02 j 08:13	6°♒14'47	0.57631 AU
inferior conj	-9539 Apr 05 j 09:10	4°♒09'18	-2°32'16
minimum elong	-9539 Apr 05 j 04:57	4°♒16'37	2°31'48
	-9539 Apr 13 j 02:14	30°℞♑	
morning rise	-9539 Apr 13 j 14:30	29°♑52'11	
direct	-9539 Apr 15 j 22:11	29°♑35'47	
	-9539 Apr 18 j 16:02	0°♒	
morning max el	-9539 Apr 24 j 13:45	3°♒40'38	19°00'04
asc. node	-9539 May 06 j 03:57	20°♒31'06	
morning set	-9539 May 11 j 05:26	0°♓11'59	
	-9539 May 11 j 02:59	0°♓	
superior conj	-9539 May 19 j 20:43	17°♓04'49	1°40'23
minimum elong	-9539 May 19 j 18:09	16°♓52'35	1°40'01
max. Earth dist.	-9539 May 26 j 10:16	29°♓17'42	1.38525 AU
	-9539 May 26 j 19:40	0°♈	
evening rise	-9539 May 30 j 10:24	6°♈22'53	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9539 Jun 14 j 01:02	0°♉		
desc. node	-9539 Jun 21 j 12:27	10°♉48'28		
evening max el	-9539 Jul 05 j 02:13	27°♉25'08	24°29'50	
	-9539 Jul 07 j 21:10	0°♊		
retrograde	-9539 Jul 16 j 08:43	4°♊03'44		
evening set	-9539 Jul 21 j 22:20	1°♊38'57		
	-9539 Jul 23 j 13:49	30°℞♉		
min. Earth dist.	-9539 Jul 26 j 13:23	26°♉15'16	0.67058 AU	
inferior conj	-9539 Jul 27 j 04:53	25°♉23'01	-1°50'24	
minimum elong	-9539 Jul 27 j 07:02	25°♉15'46	1°49'12	
morning rise	-9539 Aug 01 j 15:42	19°♉15'57		
asc. node	-9539 Aug 02 j 04:34	18°♉54'07		
direct	-9539 Aug 05 j 10:34	17°♉53'29		
morning max el	-9539 Aug 13 j 10:22	22°♉35'56	20°28'44	
	-9539 Aug 19 j 13:26	0°♊		
	-9539 Sep 08 j 19:04	0°♋		
morning set	-9539 Sep 10 j 04:45	2°♋10'37		
desc. node	-9539 Sep 17 j 10:33	13°♋33'03		
max. Earth dist.	-9539 Sep 20 j 14:29	18°♋36'40	1.43447 AU	
superior conj	-9539 Sep 26 j 07:35	27°♋55'11	-0°52'29	
minimum elong	-9539 Sep 26 j 02:49	27°♋35'33	0°51'23	
	-9539 Sep 27 j 13:43	0°♌		
evening rise	-9539 Oct 08 j 23:59	19°♌29'37		
	-9539 Oct 15 j 01:24	0°♍		
evening max el	-9539 Oct 26 j 09:15	16°♍34'35	18°10'16	
asc. node	-9539 Oct 29 j 03:35	18°♍52'20		
retrograde	-9539 Nov 02 j 00:22	20°♍07'11		
evening set	-9539 Nov 04 j 16:33	19°♍31'26		
inferior conj	-9539 Nov 11 j 04:01	14°♍13'24	3°30'37	
minimum elong	-9539 Nov 11 j 00:23	14°♍22'52	3°30'03	
min. Earth dist.	-9539 Nov 13 j 16:52	11°♍34'56	0.62838 AU	
morning rise	-9539 Nov 17 j 07:22	8°♍21'02		
direct	-9539 Nov 24 j 09:06	5°♍41'29		
morning max el	-9539 Dec 08 j 03:02	13°♍15'51	27°36'18	
desc. node	-9539 Dec 14 j 11:35	20°♍17'28		
	-9539 Dec 21 j 17:03	0°♎		
	-9538 Jan 08 j 08:24	0°♏		
morning set	-9538 Jan 10 j 21:25	5°♏02'18		
max. Earth dist.	-9538 Jan 16 j 11:25	16°♏39'01	1.33238 AU	
superior conj	-9538 Jan 18 j 09:03	20°♏43'47	-1°01'12	
minimum elong	-9538 Jan 18 j 11:13	20°♏55'30	1°01'16	
	-9538 Jan 22 j 16:04	0°♐		
evening rise	-9538 Jan 25 j 11:00	5°♐56'11		
asc. node	-9538 Jan 25 j 01:28	5°♐06'00		
	-9538 Feb 07 j 10:17	0°♑		
evening max el	-9538 Feb 18 j 12:14	13°♑56'48	23°45'54	
retrograde	-9538 Mar 04 j 02:22	20°♑39'22		
evening set	-9538 Mar 08 j 01:06	20°♑04'56		
desc. node	-9538 Mar 12 j 12:08	18°♑13'16		
min. Earth dist.	-9538 Mar 15 j 00:46	16°♑46'59	0.56164 AU	
inferior conj	-9538 Mar 17 j 01:39	15°♑32'36	-1°10'13	
minimum elong	-9538 Mar 16 j 22:51	15°♑36'52	1°09'56	
morning rise	-9538 Mar 25 j 23:23	11°♑28'58		
direct	-9538 Mar 28 j 05:12	11°♑16'03		
morning max el	-9538 Apr 07 j 09:51	16°♑03'23	19°58'24	
	-9538 Apr 17 j 15:32	0°♒		
asc. node	-9538 Apr 23 j 00:48	10°♒02'24		
morning set	-9538 Apr 25 j 07:31	14°♒35'07		
	-9538 May 02 j 22:10	0°♓		
superior conj	-9538 May 03 j 06:57	0°♓43'50	1°24'58	
minimum elong	-9538 May 03 j 03:59	0°♓29'03	1°24'17	
max. Earth dist.	-9538 May 08 j 13:19	10°♓59'58	1.36753 AU	
evening rise	-9538 May 12 j 15:03	18°♓34'33		
	-9538 May 19 j 03:26	0°♈		

desc. node	-9538 Jun 08 j 09:53	0°♉19'36		
	-9538 Jun 08 j 03:49	0°♉		
evening max el	-9538 Jun 17 j 11:57	10°♉48'56	25°44'19	
retrograde	-9538 Jun 29 j 18:18	17°♉56'46		
evening set	-9538 Jul 05 j 22:15	15°♉16'22		
min. Earth dist.	-9538 Jul 10 j 04:15	10°♉31'11	0.66516 AU	
inferior conj	-9538 Jul 11 j 07:57	9°♉01'50	-2°31'28	
minimum elong	-9538 Jul 11 j 10:34	8°♉53'21	2°30'24	
morning rise	-9538 Jul 16 j 22:58	3°♉05'18		
direct	-9538 Jul 20 j 08:30	1°♉58'22		
asc. node	-9538 Jul 20 j 01:27	1°♉58'52		
morning max el	-9538 Jul 27 j 13:53	6°♉07'41	19°27'08	
	-9538 Aug 13 j 12:49	0°♊		
morning set	-9538 Aug 20 j 10:40	10°♊48'33		
	-9538 Sep 01 j 15:27	0°♋		
max. Earth dist.	-9538 Sep 03 j 04:54	2°♋28'16	1.44380 AU	
desc. node	-9538 Sep 04 j 07:34	4°♋14'04		
superior conj	-9538 Sep 05 j 22:35	6°♋49'20	-0°09'54	
minimum elong	-9538 Sep 05 j 21:28	6°♋44'51	0°09'10	
behind sun begin	-9538 Sep 05 j 12:07	6°♋07'37		
behind sun end	-9538 Sep 06 j 06:48	7°♋22'07		
	-9538 Sep 20 j 04:54	0°♌		
evening rise	-9538 Sep 20 j 16:02	0°♌46'09		
	-9538 Oct 09 j 22:47	0°♍		
evening max el	-9538 Oct 09 j 22:27	29°♌59'09	18°29'37	
asc. node	-9538 Oct 16 j 00:49	3°♍38'33		
retrograde	-9538 Oct 16 j 14:09	3°♍40'15		
evening set	-9538 Oct 19 j 11:03	2°♍55'04		
	-9538 Oct 23 j 03:11	30°℞♌		
inferior conj	-9538 Oct 25 j 13:12	27°♌19'52	2°48'08	
minimum elong	-9538 Oct 25 j 09:45	27°♌29'50	2°47'29	
min. Earth dist.	-9538 Oct 27 j 12:44	25°♌02'52	0.64333 AU	
morning rise	-9538 Oct 31 j 07:50	21°♌15'46		
direct	-9538 Nov 07 j 03:34	18°♌28'58		
morning max el	-9538 Nov 20 j 12:19	26°♌03'14	27°15'30	
	-9538 Nov 24 j 05:41	0°♍		
desc. node	-9538 Dec 01 j 08:15	8°♍51'38		
	-9538 Dec 15 j 04:40	0°♎		
morning set	-9538 Dec 25 j 15:18	19°♎03'05		
max. Earth dist.	-9538 Dec 30 j 12:16	28°♎51'06	1.34041 AU	
	-9538 Dec 31 j 01:36	0°♏		
superior conj	-9537 Jan 02 j 15:21	5°♏23'23	-1°19'13	
minimum elong	-9537 Jan 02 j 17:42	5°♏35'50	1°19'13	
evening rise	-9537 Jan 09 j 21:46	20°♏47'47		
asc. node	-9537 Jan 11 j 22:42	25°♏00'05		
	-9537 Jan 14 j 10:59	0°♐		
evening max el	-9537 Jan 31 j 07:20	24°♐50'33	22°12'26	
	-9537 Feb 08 j 03:24	0°♑		
retrograde	-9537 Feb 12 j 21:12	0°♑51'50		
evening set	-9537 Feb 15 j 22:26	0°♑31'18		
	-9537 Feb 17 j 19:03	30°℞♐		
min. Earth dist.	-9537 Feb 24 j 15:55	26°♐39'28	0.55428 AU	
inferior conj	-9537 Feb 25 j 02:52	26°♐23'51	0°35'44	
minimum elong	-9537 Feb 25 j 04:25	26°♐21'38	0°34'38	
desc. node	-9537 Feb 27 j 09:10	25°♐07'41		
morning rise	-9537 Mar 06 j 11:12	22°♐20'35		
direct	-9537 Mar 08 j 22:24	22°♐06'38		
morning max el	-9537 Mar 20 j 19:09	27°♐46'11	21°15'26	
	-9537 Mar 22 j 23:19	0°♑		
morning set	-9537 Apr 09 j 15:08	29°♑18'58		
asc. node	-9537 Apr 09 j 21:43	29°♑52'51		
	-9537 Apr 09 j 23:06	0°♒		
superior conj	-9537 Apr 17 j 03:27	14°♒56'42	1°05'14	
minimum elong	-9537 Apr 17 j 00:50	14°♒43'16	1°04'22	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9537 Apr 21 j 00:40	22°♒50'34	1.35272 AU
	-9537 Apr 24 j 16:20	0°♓	
evening rise	-9537 Apr 25 j 14:24	1°♓45'11	
	-9537 May 12 j 03:06	0°♈	
desc. node	-9537 May 26 j 07:18	19°♈12'21	
evening max el	-9537 May 30 j 22:35	24°♈11'07	26°43'22
	-9537 Jun 07 j 09:27	0°♉	
retrograde	-9537 Jun 12 j 23:04	1°♉35'50	
	-9537 Jun 18 j 00:28	30°℞♈	
evening set	-9537 Jun 19 j 14:55	28°♈48'03	
min. Earth dist.	-9537 Jun 23 j 13:14	24°♈41'43	0.65600 AU
inferior conj	-9537 Jun 25 j 06:27	22°♈37'22	-3°05'36
minimum elong	-9537 Jun 25 j 09:05	22°♈29'25	3°04'53
morning rise	-9537 Jul 01 j 03:28	16°♈54'15	
direct	-9537 Jul 04 j 05:43	16°♈00'20	
asc. node	-9537 Jul 06 j 22:19	16°♈39'35	
morning max el	-9537 Jul 10 j 22:59	19°♈44'41	18°40'57
	-9537 Jul 18 j 18:06	0°♉	
morning set	-9537 Jul 31 j 12:43	20°♉23'53	
	-9537 Aug 06 j 11:39	0°♊	
superior conj	-9537 Aug 15 j 22:35	15°♊03'09	0°37'15
minimum elong	-9537 Aug 16 j 03:06	15°♊21'01	0°37'14
max. Earth dist.	-9537 Aug 16 j 21:37	16°♊34'12	1.44622 AU
desc. node	-9537 Aug 22 j 04:43	24°♊56'06	
	-9537 Aug 25 j 09:39	0°♋	
evening rise	-9537 Sep 01 j 06:05	10°♋51'40	
	-9537 Sep 13 j 09:30	0°♌	
evening max el	-9537 Sep 23 j 09:32	13°♌27'58	19°06'16
retrograde	-9537 Sep 30 j 08:42	17°♌25'53	
asc. node	-9537 Oct 02 j 22:01	16°♌48'17	
evening set	-9537 Oct 03 j 12:39	16°♌28'16	
inferior conj	-9537 Oct 09 j 07:08	10°♌38'56	1°59'27
minimum elong	-9537 Oct 09 j 04:29	10°♌47'12	1°58'59
min. Earth dist.	-9537 Oct 10 j 17:43	8°♌51'06	0.65515 AU
morning rise	-9537 Oct 14 j 19:55	4°♌26'26	
direct	-9537 Oct 21 j 04:24	1°♌44'36	
morning max el	-9537 Nov 02 j 22:19	9°♌08'54	26°26'09
desc. node	-9537 Nov 18 j 04:57	28°♌09'07	
	-9537 Nov 19 j 11:29	0°♍	
	-9537 Dec 07 j 14:27	0°♎	
morning set	-9537 Dec 08 j 21:07	2°♎22'58	
max. Earth dist.	-9537 Dec 13 j 02:22	10°♎30'14	1.35283 AU
superior conj	-9537 Dec 17 j 15:51	19°♎41'20	-1°33'17
minimum elong	-9537 Dec 17 j 17:51	19°♎51'35	1°33'15
	-9537 Dec 22 j 15:07	0°♏	
evening rise	-9537 Dec 25 j 06:18	5°♏27'37	
asc. node	-9537 Dec 29 j 19:59	14°♏36'06	
	-9536 Jan 08 j 02:02	0°♐	
evening max el	-9536 Jan 13 j 09:45	6°♐07'25	20°47'05
retrograde	-9536 Jan 24 j 11:13	11°♐19'24	
evening set	-9536 Jan 27 j 02:26	11°♐02'54	
inferior conj	-9536 Feb 05 j 00:00	7°♐04'42	2°19'55
minimum elong	-9536 Feb 05 j 05:18	6°♐57'00	2°17'56
min. Earth dist.	-9536 Feb 06 j 06:06	6°♐21'00	0.55582 AU
morning rise	-9536 Feb 14 j 06:50	2°♐46'17	
desc. node	-9536 Feb 14 j 06:06	2°♐46'43	
direct	-9536 Feb 17 j 13:20	2°♐22'46	
morning max el	-9536 Mar 01 j 17:41	8°♐50'14	22°47'07
	-9536 Mar 16 j 19:49	0°♑	
morning set	-9536 Mar 24 j 02:07	14°♑16'45	
asc. node	-9536 Mar 26 j 18:42	19°♑57'01	
superior conj	-9536 Mar 31 j 07:02	29°♑33'45	0°42'57
minimum elong	-9536 Mar 31 j 05:14	29°♑24'10	0°42'06
	-9536 Mar 31 j 12:00	0°♒	

max. Earth dist.	-9536 Apr 02 j 22:30	5°♒07'15	1.34143 AU
evening rise	-9536 Apr 08 j 03:14	15°♒39'12	
	-9536 Apr 15 j 19:44	0°♓	
	-9536 May 05 j 17:39	0°♈	
desc. node	-9536 May 12 j 04:41	7°♈10'44	
evening max el	-9536 May 12 j 09:34	7°♈22'39	27°18'54
retrograde	-9536 May 25 j 22:15	14°♈53'30	
evening set	-9536 Jun 01 j 21:30	12°♈09'43	
min. Earth dist.	-9536 Jun 05 j 14:18	8°♈39'07	0.64295 AU
inferior conj	-9536 Jun 07 j 21:59	6°♈05'36	-3°30'22
minimum elong	-9536 Jun 07 j 23:59	6°♈00'06	3°30'09
morning rise	-9536 Jun 14 j 03:01	0°♈38'41	
	-9536 Jun 16 j 01:55	30°℞♓	
direct	-9536 Jun 16 j 23:48	29°♓55'35	
	-9536 Jun 17 j 21:44	0°♈	
asc. node	-9536 Jun 22 j 19:12	2°♈44'09	
morning max el	-9536 Jun 23 j 11:43	3°♈23'50	18°11'48
	-9536 Jul 10 j 23:40	0°♉	
morning set	-9536 Jul 11 j 16:32	1°♉11'23	
superior conj	-9536 Jul 25 j 05:40	23°♉39'05	1°16'46
minimum elong	-9536 Jul 25 j 12:10	24°♉05'23	1°16'34
	-9536 Jul 29 j 04:30	0°♊	
max. Earth dist.	-9536 Jul 29 j 13:51	0°♊37'17	1.44160 AU
desc. node	-9536 Aug 08 j 01:55	15°♊35'35	
evening rise	-9536 Aug 10 j 18:50	19°♊48'08	
	-9536 Aug 17 j 09:18	0°♋	
greatest brilliancy	-9536 Aug 23 j 14:58	9°♋28'21	-0.7m
evening max el	-9536 Sep 05 j 15:58	26°♋56'00	19°58'47
	-9536 Sep 09 j 06:51	0°♌	
retrograde	-9536 Sep 13 j 05:16	1°♌19'25	
evening set	-9536 Sep 16 j 18:36	0°♌06'01	
	-9536 Sep 16 j 22:02	30°℞♋	
asc. node	-9536 Sep 18 j 19:11	28°♋20'43	
inferior conj	-9536 Sep 22 j 07:08	24°♋05'36	1°07'44
minimum elong	-9536 Sep 22 j 05:35	24°♋10'42	1°07'40
min. Earth dist.	-9536 Sep 23 j 05:52	22°♋50'37	0.66382 AU
morning rise	-9536 Sep 27 j 16:20	17°♋48'04	
direct	-9536 Oct 03 j 10:43	15°♋19'41	
morning max el	-9536 Oct 15 j 07:47	22°♋21'38	25°16'07
	-9536 Oct 22 j 01:45	0°♌	
desc. node	-9536 Nov 04 j 01:41	17°♌56'30	
	-9536 Nov 11 j 18:30	0°♍	
morning set	-9536 Nov 20 j 09:55	14°♍46'54	
max. Earth dist.	-9536 Nov 24 j 06:09	21°♍48'40	1.36938 AU
	-9536 Nov 28 j 13:11	0°♎	
superior conj	-9536 Nov 30 j 07:30	3°♎27'30	-1°41'50
minimum elong	-9536 Nov 30 j 08:26	3°♎32'10	1°41'45
evening rise	-9536 Dec 08 j 10:35	19°♎48'48	
	-9536 Dec 13 j 15:35	0°♏	
asc. node	-9536 Dec 15 j 17:17	3°♏46'19	
evening max el	-9536 Dec 25 j 21:57	17°♏56'35	19°37'31
retrograde	-9535 Jan 04 j 09:10	22°♏24'43	
evening set	-9535 Jan 06 j 21:41	22°♏07'09	
inferior conj	-9535 Jan 15 j 06:20	18°♏01'00	3°35'06
minimum elong	-9535 Jan 15 j 11:17	17°♏53'01	3°33'49
min. Earth dist.	-9535 Jan 17 j 19:42	16°♏22'47	0.56561 AU
morning rise	-9535 Jan 23 j 22:45	13°♏17'59	
direct	-9535 Jan 28 j 11:47	12°♏31'31	
desc. node	-9535 Jan 31 j 02:59	12°♏47'29	
morning max el	-9535 Feb 11 j 09:20	19°♏31'17	24°24'34
	-9535 Feb 20 j 04:09	0°♐	
morning set	-9535 Mar 08 j 14:34	29°♐21'27	
	-9535 Mar 08 j 21:55	0°♑	
asc. node	-9535 Mar 13 j 15:45	10°♑09'43	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9535 Mar 15 j 15:18	14°♉26'44	0°19'26
minimum elong	-9535 Mar 15 j 14:29	14°♉22'20	0°18'42
max. Earth dist.	-9535 Mar 17 j 05:06	17°♉50'05	1.33352 AU
evening rise	-9535 Mar 23 j 01:32	0°♒03'23	
	-9535 Mar 23 j 00:52	0°♒	
	-9535 Apr 08 j 21:34	0°♓	
evening max el	-9535 Apr 24 j 18:46	20°♓11'12	27°24'51
desc. node	-9535 Apr 29 j 02:00	23°♓52'30	
retrograde	-9535 May 08 j 15:13	27°♓41'54	
evening set	-9535 May 15 j 14:39	25°♓15'18	
min. Earth dist.	-9535 May 19 j 06:06	22°♓12'21	0.62623 AU
inferior conj	-9535 May 22 j 03:41	19°♓21'01	-3°42'14
minimum elong	-9535 May 22 j 04:15	19°♓19'37	3°42'24
morning rise	-9535 May 28 j 19:02	14°♓12'52	
direct	-9535 May 31 j 11:38	13°♓38'54	
morning max el	-9535 Jun 07 j 01:50	17°♓01'09	18°00'44
asc. node	-9535 Jun 09 j 16:03	19°♓57'04	
	-9535 Jun 16 j 07:49	0°♈	
morning set	-9535 Jun 23 j 19:45	13°♈06'00	
	-9535 Jul 03 j 12:00	0°♉	
superior conj	-9535 Jul 05 j 12:47	3°♉26'49	1°41'00
minimum elong	-9535 Jul 05 j 16:49	3°♉43'49	1°41'02
max. Earth dist.	-9535 Jul 12 j 02:40	14°♉20'18	1.43056 AU
evening rise	-9535 Jul 20 j 19:44	28°♉12'38	
	-9535 Jul 21 j 23:19	0°♊	
desc. node	-9535 Jul 25 j 23:11	6°♊09'33	
	-9535 Aug 11 j 05:26	0°♋	
evening max el	-9535 Aug 19 j 15:59	10°♋21'08	21°04'59
retrograde	-9535 Aug 28 j 01:50	15°♋18'32	
evening set	-9535 Sep 01 j 02:43	13°♋46'28	
asc. node	-9535 Sep 05 j 16:17	8°♋41'47	
inferior conj	-9535 Sep 06 j 11:04	7°♋37'55	0°15'21
minimum elong	-9535 Sep 06 j 10:43	7°♋39'09	0°15'47
transit middle	-9535 Sep 06 j 10:43	7°♋39'09	0°15'47
transit begin	-9535 Sep 06 j 09:58	7°♋41'40	
transit end	-9535 Sep 06 j 11:27	7°♋36'37	
min. Earth dist.	-9535 Sep 06 j 22:57	6°♋57'21	0.66948 AU
morning rise	-9535 Sep 11 j 18:35	1°♋18'43	
	-9535 Sep 13 j 15:33	30°℞♊	
direct	-9535 Sep 16 j 22:09	29°♊08'21	
	-9535 Sep 20 j 11:17	0°♋	
morning max el	-9535 Sep 27 j 17:29	5°♋36'42	23°54'22
	-9535 Oct 16 j 13:45	0°♌	
desc. node	-9535 Oct 21 j 22:29	8°♌05'10	
morning set	-9535 Nov 02 j 00:07	26°♌00'43	
	-9535 Nov 04 j 07:47	0°♍	
max. Earth dist.	-9535 Nov 06 j 04:26	3°♍15'41	1.38878 AU
superior conj	-9535 Nov 13 j 10:26	16°♍30'59	-1°42'46
minimum elong	-9535 Nov 13 j 09:33	16°♍26'48	1°42'33
	-9535 Nov 20 j 10:13	0°♎	
evening rise	-9535 Nov 22 j 08:21	3°♎45'23	
asc. node	-9535 Dec 02 j 14:34	22°♎22'11	
	-9535 Dec 08 j 12:18	0°♏	
evening max el	-9535 Dec 08 j 19:56	0°♏18'38	18°47'21
retrograde	-9535 Dec 16 j 23:52	4°♏15'15	
evening set	-9535 Dec 19 j 11:54	3°♏54'29	
	-9535 Dec 26 j 14:27	30°℞♎	
inferior conj	-9535 Dec 27 j 06:28	29°♎30'30	4°10'46
minimum elong	-9535 Dec 27 j 08:10	29°♎27'20	4°10'26
min. Earth dist.	-9535 Dec 30 j 10:57	27°♎09'44	0.58135 AU
morning rise	-9534 Jan 04 j 02:23	24°♎22'40	
direct	-9534 Jan 09 j 22:00	23°♎00'32	
desc. node	-9534 Jan 17 j 23:48	25°♎32'12	
	-9534 Jan 23 j 17:20	0°♏	
morning max el	-9534 Jan 24 j 00:53	0°♏17'57	25°53'33
	-9534 Feb 13 j 19:50	0°♐	
morning set	-9534 Feb 21 j 02:40	14°♐26'06	
superior conj	-9534 Feb 28 j 02:11	29°♐28'29	-0°04'23
minimum elong	-9534 Feb 28 j 02:24	29°♐29'37	0°04'55
behind sun begin	-9534 Feb 27 j 21:37	29°♐03'30	
behind sun end	-9534 Feb 28 j 07:11	29°♐55'43	
	-9534 Feb 28 j 07:58	0°♑	
max. Earth dist.	-9534 Feb 28 j 17:01	0°♑49'13	1.32890 AU
asc. node	-9534 Feb 28 j 12:48	0°♑26'18	
evening rise	-9534 Mar 07 j 06:14	14°♑47'12	
	-9534 Mar 15 j 02:01	0°♒	
	-9534 Apr 04 j 14:39	0°♓	
evening max el	-9534 Apr 06 j 23:37	2°♓25'01	26°58'09
desc. node	-9534 Apr 15 j 23:17	8°♓46'43	
retrograde	-9534 Apr 21 j 01:01	9°♓52'02	
evening set	-9534 Apr 27 j 14:47	7°♓55'01	
min. Earth dist.	-9534 May 01 j 12:44	5°♓06'12	0.60683 AU
inferior conj	-9534 May 04 j 20:00	2°♓15'04	-3°35'57
minimum elong	-9534 May 04 j 18:27	2°♓18'27	3°36'09
	-9534 May 07 j 13:17	30°℞♒	
morning rise	-9534 May 12 j 00:15	27°♒27'17	
direct	-9534 May 14 j 13:14	27°♒01'15	
	-9534 May 21 j 02:02	0°♓	
morning max el	-9534 May 21 j 14:37	0°♓29'14	18°08'25
asc. node	-9534 May 27 j 12:53	8°♓02'52	
morning set	-9534 Jun 06 j 17:30	25°♓55'24	
	-9534 Jun 08 j 22:17	0°♈	
superior conj	-9534 Jun 16 j 23:04	14°♈35'54	1°49'47
minimum elong	-9534 Jun 16 j 23:38	14°♈38'25	1°49'51
max. Earth dist.	-9534 Jun 24 j 09:22	27°♈24'58	1.41464 AU
	-9534 Jun 25 j 22:31	0°♉	
evening rise	-9534 Jun 30 j 06:55	7°♉06'46	
desc. node	-9534 Jul 12 j 20:30	26°♉33'34	
	-9534 Jul 15 j 04:30	0°♊	
evening max el	-9534 Aug 02 j 09:09	23°♊42'28	22°21'37
retrograde	-9534 Aug 11 j 20:42	29°♊20'05	
evening set	-9534 Aug 16 j 10:57	27°♊27'25	
inferior conj	-9534 Aug 21 j 17:01	21°♊13'47	-0°35'53
minimum elong	-9534 Aug 21 j 17:47	21°♊11'08	0°35'01
min. Earth dist.	-9534 Aug 21 j 18:33	21°♊08'27	0.67226 AU
asc. node	-9534 Aug 23 j 13:19	18°♊43'26	
morning rise	-9534 Aug 27 j 00:31	14°♊56'23	
direct	-9534 Aug 31 j 14:02	13°♊05'19	
morning max el	-9534 Sep 10 j 05:32	18°♊52'48	22°29'45
	-9534 Sep 19 j 10:10	0°♋	
desc. node	-9534 Oct 08 j 19:19	28°♋28'22	
	-9534 Oct 09 j 18:35	0°♌	
morning set	-9534 Oct 13 j 11:25	5°♌55'16	
max. Earth dist.	-9534 Oct 19 j 03:42	15°♌18'32	1.40863 AU
superior conj	-9534 Oct 26 j 19:37	28°♌38'04	-1°33'33
minimum elong	-9534 Oct 26 j 16:23	28°♌23'35	1°33'00
	-9534 Oct 27 j 13:52	0°♍	
evening rise	-9534 Nov 05 j 20:36	17°♍09'50	
	-9534 Nov 12 j 20:38	0°♎	
asc. node	-9534 Nov 19 j 11:51	10°♎12'47	
evening max el	-9534 Nov 22 j 01:50	13°♎07'55	18°17'34
retrograde	-9534 Nov 29 j 08:10	16°♎46'09	
evening set	-9534 Dec 01 j 20:45	16°♎20'50	
inferior conj	-9534 Dec 09 j 02:08	11°♎35'40	4°12'28
minimum elong	-9534 Dec 09 j 00:39	11°♎38'52	4°12'20
min. Earth dist.	-9534 Dec 12 j 07:11	8°♎51'47	0.59989 AU
morning rise	-9534 Dec 16 j 02:58	6°♎07'42	
direct	-9534 Dec 22 j 19:45	4°♎07'18	
desc. node	-9533 Jan 04 j 20:35	10°♎36'11	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9533 Jan 05 j 21:22	11°♑34'16	26°59'33
	-9533 Jan 20 j 09:09	0°♏	
morning set	-9533 Feb 05 j 12:38	29°♏24'02	
	-9533 Feb 05 j 19:33	0°♐	
superior conj	-9533 Feb 12 j 14:02	14°♐32'54	-0°27'36
minimum elong	-9533 Feb 12 j 15:11	14°♐39'09	0°27'55
max. Earth dist.	-9533 Feb 12 j 06:36	13°♐52'15	1.32752 AU
asc. node	-9533 Feb 15 j 09:53	20°♐42'50	
evening rise	-9533 Feb 19 j 15:00	29°♐42'39	
	-9533 Feb 19 j 18:20	0°♑	
	-9533 Mar 08 j 12:05	0°♒	
evening max el	-9533 Mar 19 j 22:54	14°♒00'47	26°00'25
desc. node	-9533 Apr 02 j 20:28	21°♒18'39	
retrograde	-9533 Apr 03 j 02:00	21°♒18'47	
evening set	-9533 Apr 08 j 19:28	19°♒58'12	
min. Earth dist.	-9533 Apr 13 j 12:05	17°♒07'51	0.58688 AU
inferior conj	-9533 Apr 16 j 19:23	14°♒39'25	-3°04'32
minimum elong	-9533 Apr 16 j 15:44	14°♒46'18	3°04'20
morning rise	-9533 Apr 24 j 15:03	10°♒11'46	
direct	-9533 Apr 27 j 00:27	9°♒52'26	
morning max el	-9533 May 04 j 23:13	13°♒39'50	18°35'27
asc. node	-9533 May 14 j 09:43	26°♒49'32	
	-9533 May 16 j 04:26	0°♓	
morning set	-9533 May 21 j 05:10	9°♓29'02	
superior conj	-9533 May 30 j 08:18	26°♓55'16	1°46'24
minimum elong	-9533 May 30 j 06:29	26°♓46'48	1°46'13
	-9533 Jun 01 j 00:12	0°♈	
max. Earth dist.	-9533 Jun 06 j 10:42	9°♈45'59	1.39614 AU
evening rise	-9533 Jun 10 j 19:26	17°♈16'06	
	-9533 Jun 18 j 14:56	0°♉	
desc. node	-9533 Jun 29 j 17:50	16°♉42'45	
	-9533 Jul 09 j 15:32	0°♊	
evening max el	-9533 Jul 15 j 21:16	7°♊03'36	23°43'21
retrograde	-9533 Jul 26 j 12:38	13°♊21'38	
evening set	-9533 Jul 31 j 17:29	11°♊08'15	
inferior conj	-9533 Aug 05 j 23:15	4°♊52'22	-1°24'20
minimum elong	-9533 Aug 06 j 00:58	4°♊46'28	1°23'12
min. Earth dist.	-9533 Aug 05 j 14:15	5°♊23'10	0.67210 AU
	-9533 Aug 09 j 20:57	30°♉	
asc. node	-9533 Aug 10 j 10:18	29°♉27'19	
morning rise	-9533 Aug 11 j 08:22	28°♉40'20	
direct	-9533 Aug 15 j 09:30	27°♉07'50	
	-9533 Aug 21 j 13:53	0°♊	
morning max el	-9533 Aug 23 j 22:34	2°♊13'03	21°09'57
	-9533 Sep 13 j 08:45	0°♋	
morning set	-9533 Sep 22 j 22:19	14°♋41'49	
desc. node	-9533 Sep 25 j 16:12	19°♋01'22	
max. Earth dist.	-9533 Oct 01 j 08:47	28°♋10'21	1.42629 AU
	-9533 Oct 02 j 11:35	0°♌	
superior conj	-9533 Oct 08 j 05:15	9°♌34'21	-1°11'32
minimum elong	-9533 Oct 08 j 00:18	9°♌13'22	1°10'33
evening rise	-9533 Oct 19 j 19:33	29°♌53'20	
	-9533 Oct 19 j 21:03	0°♍	
evening max el	-9533 Nov 05 j 12:55	26°♍16'18	18°07'33
asc. node	-9533 Nov 06 j 09:08	27°♍04'17	
retrograde	-9533 Nov 12 j 07:03	29°♍47'46	
evening set	-9533 Nov 14 j 21:30	29°♍16'19	
inferior conj	-9533 Nov 21 j 15:04	24°♍09'57	3°50'29
minimum elong	-9533 Nov 21 j 11:49	24°♍17'54	3°50'04
min. Earth dist.	-9533 Nov 24 j 11:15	21°♍24'19	0.61848 AU
morning rise	-9533 Nov 28 j 01:03	18°♍25'54	
direct	-9533 Dec 05 j 02:50	15°♍56'23	
morning max el	-9533 Dec 19 j 00:02	23°♍28'46	27°33'04
desc. node	-9533 Dec 22 j 17:19	27°♍23'40	
	-9533 Dec 24 j 22:34	0°♎	
	-9532 Jan 13 j 11:55	0°♏	
morning set	-9532 Jan 20 j 18:23	14°♏06'30	
max. Earth dist.	-9532 Jan 26 j 18:10	26°♏44'54	1.32954 AU
superior conj	-9532 Jan 28 j 01:07	29°♏32'36	-0°49'31
minimum elong	-9532 Jan 28 j 03:00	29°♏42'49	0°49'39
	-9532 Jan 28 j 06:10	0°♐	
asc. node	-9532 Feb 02 j 07:02	10°♐54'20	
evening rise	-9532 Feb 04 j 01:52	14°♐41'31	
	-9532 Feb 11 j 20:14	0°♑	
evening max el	-9532 Feb 29 j 17:25	25°♑04'41	24°38'57
	-9532 Mar 07 j 06:03	0°♒	
retrograde	-9532 Mar 14 j 15:26	2°♒03'30	
evening set	-9532 Mar 19 j 05:41	1°♒15'40	
desc. node	-9532 Mar 19 j 17:37	1°♒05'00	
	-9532 Mar 22 j 03:41	30°♑	
min. Earth dist.	-9532 Mar 25 j 06:36	28°♑10'58	0.56939 AU
inferior conj	-9532 Mar 27 j 23:09	26°♑25'53	-2°01'25
minimum elong	-9532 Mar 27 j 19:06	26°♑32'31	2°00'53
morning rise	-9532 Apr 05 j 11:41	22°♑15'10	
direct	-9532 Apr 07 j 18:03	22°♑00'39	
morning max el	-9532 Apr 17 j 00:36	26°♑22'20	19°22'20
	-9532 Apr 20 j 07:51	0°♒	
asc. node	-9532 Apr 30 j 06:34	16°♒06'46	
morning set	-9532 May 04 j 02:54	23°♒36'35	
	-9532 May 07 j 07:45	0°♓	
superior conj	-9532 May 12 j 10:48	10°♓08'57	1°34'30
minimum elong	-9532 May 12 j 07:57	9°♓55'03	1°33'59
max. Earth dist.	-9532 May 18 j 11:34	21°♓36'24	1.37753 AU
evening rise	-9532 May 22 j 10:46	28°♓46'42	
	-9532 May 23 j 03:24	0°♈	
	-9532 Jun 10 j 23:06	0°♉	
desc. node	-9532 Jun 15 j 15:13	6°♉30'22	
evening max el	-9532 Jun 27 j 07:21	20°♉27'25	25°02'55
retrograde	-9532 Jul 09 j 00:38	27°♉19'26	
evening set	-9532 Jul 14 j 20:25	24°♉47'36	
min. Earth dist.	-9532 Jul 19 j 07:36	19°♉39'51	0.66873 AU
inferior conj	-9532 Jul 20 j 04:02	18°♉32'06	-2°08'32
minimum elong	-9532 Jul 20 j 06:26	18°♉24'07	2°07'22
morning rise	-9532 Jul 25 j 16:25	12°♉28'54	
asc. node	-9532 Jul 27 j 07:14	11°♉36'04	
direct	-9532 Jul 29 j 07:07	11°♉13'10	
morning max el	-9532 Aug 05 j 22:14	15°♉40'30	20°00'43
	-9532 Aug 16 j 20:32	0°♊	
morning set	-9532 Aug 31 j 23:59	23°♊06'12	
	-9532 Sep 05 j 10:01	0°♋	
desc. node	-9532 Sep 11 j 13:10	9°♋40'38	
max. Earth dist.	-9532 Sep 12 j 20:45	11°♋46'26	1.43925 AU
superior conj	-9532 Sep 17 j 11:17	19°♋11'12	-0°35'39
minimum elong	-9532 Sep 17 j 07:33	18°♋56'03	0°34'37
	-9532 Sep 24 j 01:10	0°♌	
evening rise	-9532 Oct 01 j 00:28	11°♌45'32	
	-9532 Oct 11 j 22:08	0°♍	
evening max el	-9532 Oct 19 j 02:13	9°♍36'59	18°16'23
asc. node	-9532 Oct 23 j 06:24	12°♍41'04	
retrograde	-9532 Oct 25 j 16:31	13°♍11'46	
evening set	-9532 Oct 28 j 10:34	12°♍32'11	
inferior conj	-9532 Nov 03 j 17:51	7°♍06'31	3°13'38
minimum elong	-9532 Nov 03 j 14:12	7°♍16'30	3°12'59
min. Earth dist.	-9532 Nov 06 j 01:04	4°♍36'07	0.63512 AU
morning rise	-9532 Nov 09 j 17:08	1°♍09'07	
	-9532 Nov 11 j 09:01	30°♌	
direct	-9532 Nov 16 j 17:19	28°♌24'50	
	-9532 Nov 22 j 12:09	0°♍	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9532 Nov 30 j 07:33	5°♍59'16	27°31'25
desc. node	-9532 Dec 08 j 14:02	15°♍25'25	
	-9532 Dec 18 j 18:25	0°♎	
morning set	-9531 Jan 03 j 17:27	28°♎24'56	
	-9531 Jan 04 j 12:27	0°♏	
max. Earth dist.	-9531 Jan 09 j 00:01	9°♏14'38	1.33530 AU
superior conj	-9531 Jan 11 j 09:44	14°♏21'13	-1°09'15
minimum elong	-9531 Jan 11 j 12:02	14°♏33'34	1°09'16
evening rise	-9531 Jan 18 j 13:10	29°♏37'26	
	-9531 Jan 18 j 17:28	0°♐	
asc. node	-9531 Jan 19 j 04:14	0°♐56'10	
	-9531 Feb 05 j 02:43	0°♑	
evening max el	-9531 Feb 10 j 10:44	5°♑54'47	23°05'51
retrograde	-9531 Feb 23 j 15:53	12°♑20'41	
evening set	-9531 Feb 27 j 04:27	11°♑53'34	
desc. node	-9531 Mar 06 j 14:43	8°♑34'12	
min. Earth dist.	-9531 Mar 06 j 22:15	8°♑23'18	0.55756 AU
inferior conj	-9531 Mar 08 j 08:09	7°♑33'39	-0°27'05
minimum elong	-9531 Mar 08 j 06:58	7°♑35'23	0°27'16
morning rise	-9531 Mar 17 j 11:29	3°♑31'58	
direct	-9531 Mar 19 j 18:32	3°♑19'11	
morning max el	-9531 Mar 30 j 16:08	8°♑27'54	20°28'56
	-9531 Apr 14 j 04:56	0°♒	
asc. node	-9531 Apr 17 j 03:26	5°♒46'59	
morning set	-9531 Apr 18 j 07:38	8°♒09'37	
superior conj	-9531 Apr 26 j 01:48	24°♒03'26	1°17'00
minimum elong	-9531 Apr 25 j 22:56	23°♒48'50	1°16'13
	-9531 Apr 29 j 01:02	0°♓	
max. Earth dist.	-9531 Apr 30 j 18:02	3°♓21'00	1.36091 AU
evening rise	-9531 May 05 j 00:03	11°♓25'20	
	-9531 May 15 j 16:19	0°♈	
desc. node	-9531 Jun 02 j 12:38	25°♈46'44	
	-9531 Jun 06 j 02:04	0°♉	
evening max el	-9531 Jun 09 j 17:32	3°♉51'50	26°11'49
retrograde	-9531 Jun 22 j 08:02	11°♉07'25	
evening set	-9531 Jun 28 j 17:34	8°♉22'46	
min. Earth dist.	-9531 Jul 02 j 20:10	3°♉54'20	0.66180 AU
inferior conj	-9531 Jul 04 j 05:26	2°♉09'52	-2°46'54
minimum elong	-9531 Jul 04 j 08:08	2°♉01'23	2°45'59
	-9531 Jul 05 j 23:49	30°℞♈	
morning rise	-9531 Jul 09 j 22:47	26°♈18'47	
direct	-9531 Jul 13 j 05:05	25°♈17'33	
asc. node	-9531 Jul 14 j 04:07	25°♈22'42	
morning max el	-9531 Jul 20 j 04:18	29°♈14'42	19°05'29
	-9531 Jul 20 j 21:25	0°♉	
	-9531 Aug 10 j 05:30	0°♊	
morning set	-9531 Aug 11 j 13:03	2°♊05'07	
max. Earth dist.	-9531 Aug 26 j 13:07	25°♊48'36	1.44577 AU
superior conj	-9531 Aug 27 j 17:32	27°♊41'01	0°10'18
minimum elong	-9531 Aug 27 j 18:53	27°♊46'24	0°10'42
behind sun begin	-9531 Aug 27 j 10:10	27°♊11'53	
behind sun end	-9531 Aug 28 j 03:36	28°♊20'55	
desc. node	-9531 Aug 29 j 10:15	0°♋22'22	
	-9531 Aug 29 j 04:37	0°♋	
evening rise	-9531 Sep 12 j 05:54	22°♋33'04	
	-9531 Sep 16 j 19:48	0°♌	
evening max el	-9531 Oct 02 j 14:50	23°♌03'33	18°43'08
retrograde	-9531 Oct 09 j 08:46	26°♌50'43	
asc. node	-9531 Oct 10 j 03:38	26°♌47'14	
evening set	-9531 Oct 12 j 08:28	26°♌00'29	
inferior conj	-9531 Oct 18 j 07:06	20°♌18'34	2°28'01
minimum elong	-9531 Oct 18 j 03:56	20°♌28'03	2°27'24
min. Earth dist.	-9531 Oct 20 j 00:53	18°♌13'41	0.64878 AU
morning rise	-9531 Oct 23 j 22:57	14°♌10'35	
direct	-9531 Oct 30 j 14:18	11°♌24'58	
morning max el	-9531 Nov 12 j 17:27	18°♌55'46	26°57'38
	-9531 Nov 22 j 06:02	0°♍	
desc. node	-9531 Nov 25 j 10:45	4°♍19'29	
	-9531 Dec 11 j 16:36	0°♎	
morning set	-9531 Dec 18 j 06:42	12°♎09'13	
max. Earth dist.	-9531 Dec 22 j 20:45	21°♎13'03	1.34518 AU
superior conj	-9531 Dec 26 j 13:50	28°♎51'55	-1°25'46
minimum elong	-9531 Dec 26 j 16:07	29°♎03'51	1°25'44
	-9531 Dec 27 j 02:51	0°♏	
evening rise	-9530 Jan 02 j 23:12	14°♏24'28	
asc. node	-9530 Jan 06 j 01:31	20°♏43'12	
	-9530 Jan 10 j 23:38	0°♐	
evening max el	-9530 Jan 23 j 08:15	16°♐55'14	21°34'32
retrograde	-9530 Feb 04 j 07:27	22°♐36'11	
evening set	-9530 Feb 07 j 03:20	22°♐18'07	
inferior conj	-9530 Feb 16 j 05:53	18°♐16'33	1°22'00
minimum elong	-9530 Feb 16 j 09:23	18°♐11'35	1°20'21
min. Earth dist.	-9530 Feb 16 j 12:35	18°♐07'01	0.55379 AU
desc. node	-9530 Feb 21 j 11:42	15°♐31'03	
morning rise	-9530 Feb 25 j 15:23	14°♐09'09	
direct	-9530 Feb 28 j 08:56	13°♐52'34	
morning max el	-9530 Mar 12 j 20:39	19°♐53'15	21°53'11
	-9530 Mar 21 j 02:28	0°♑	
morning set	-9530 Apr 02 j 16:59	23°♑00'51	
asc. node	-9530 Apr 04 j 00:24	25°♑44'15	
	-9530 Apr 06 j 01:04	0°♒	
superior conj	-9530 Apr 10 j 01:42	8°♒28'16	0°56'01
minimum elong	-9530 Apr 09 j 23:24	8°♒16'15	0°55'09
max. Earth dist.	-9530 Apr 13 j 10:01	15°♒22'43	1.34744 AU
evening rise	-9530 Apr 18 j 05:42	24°♒56'23	
	-9530 Apr 20 j 21:45	0°♓	
	-9530 May 09 j 03:36	0°♈	
desc. node	-9530 May 20 j 10:02	14°♈19'06	
evening max el	-9530 May 23 j 04:23	17°♈10'56	27°01'38
retrograde	-9530 Jun 05 j 10:29	24°♈39'22	
evening set	-9530 Jun 12 j 06:22	21°♈51'22	
min. Earth dist.	-9530 Jun 16 j 01:53	18°♈01'16	0.65100 AU
inferior conj	-9530 Jun 18 j 01:19	15°♈43'16	-3°17'26
minimum elong	-9530 Jun 18 j 03:46	15°♈36'08	3°16'55
morning rise	-9530 Jun 24 j 01:31	10°♈07'01	
direct	-9530 Jun 27 j 01:15	9°♈18'00	
asc. node	-9530 Jul 01 j 00:59	10°♈41'31	
morning max el	-9530 Jul 03 j 15:20	12°♈54'06	18°26'24
	-9530 Jul 15 j 16:16	0°♉	
morning set	-9530 Jul 23 j 02:01	12°♉11'19	
	-9530 Aug 03 j 00:32	0°♊	
superior conj	-9530 Aug 06 j 17:46	5°♊56'31	0°55'36
minimum elong	-9530 Aug 06 j 23:48	6°♊20'30	0°55'25
max. Earth dist.	-9530 Aug 09 j 06:14	9°♊56'34	1.44515 AU
desc. node	-9530 Aug 16 j 07:25	21°♊03'40	
	-9530 Aug 21 j 24:00	0°♋	
evening rise	-9530 Aug 23 j 08:34	2°♋07'46	
greatest brilliancy	-9530 Sep 02 j 11:39	17°♋55'57	-0.8m
	-9530 Sep 10 j 15:56	0°♌	
evening max el	-9530 Sep 16 j 00:08	6°♌31'54	19°26'40
retrograde	-9530 Sep 23 j 04:36	10°♌39'59	
evening set	-9530 Sep 26 j 12:13	9°♌36'04	
asc. node	-9530 Sep 27 j 00:49	9°♌14'21	
inferior conj	-9530 Oct 02 j 03:56	3°♌41'23	1°37'42
minimum elong	-9530 Oct 02 j 01:44	3°♌48'27	1°37'23
min. Earth dist.	-9530 Oct 03 j 09:17	2°♌07'18	0.65923 AU
	-9530 Oct 05 j 02:52	30°℞♋	
morning rise	-9530 Oct 07 j 14:55	27°♋26'04	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9530 Oct 13 j 17:26	24°♋49'20		
	-9530 Oct 23 j 22:03	0°♌		
morning max el	-9530 Oct 26 j 03:32	2°♌06'13	25°58'19	
desc. node	-9530 Nov 12 j 07:29	23°♌50'44		
	-9530 Nov 16 j 09:26	0°♍		
morning set	-9530 Dec 01 j 05:55	25°♍06'57		
	-9530 Dec 03 j 20:36	0°♎		
max. Earth dist.	-9530 Dec 05 j 06:15	2°♎40'52	1.35938 AU	
superior conj	-9530 Dec 10 j 10:56	12°♎56'57	-1°37'42	
minimum elong	-9530 Dec 10 j 12:35	13°♎05'16	1°37'40	
evening rise	-9530 Dec 18 j 06:10	28°♎56'42		
	-9530 Dec 18 j 18:36	0°♏		
asc. node	-9530 Dec 23 j 22:49	10°♏09'01		
evening max el	-9529 Jan 05 j 14:32	28°♏24'28	20°15'15	
	-9529 Jan 07 j 11:05	0°♐		
retrograde	-9529 Jan 15 j 23:45	3°♐17'07		
evening set	-9529 Jan 18 j 12:58	3°♐00'44		
	-9529 Jan 25 j 13:36	30°℞♏		
inferior conj	-9529 Jan 27 j 05:25	29°♏00'45	2°56'34	
minimum elong	-9529 Jan 27 j 11:05	28°♏52'11	2°54'43	
min. Earth dist.	-9529 Jan 29 j 02:31	27°♏52'51	0.55895 AU	
morning rise	-9529 Feb 05 j 07:20	24°♏32'10		
desc. node	-9529 Feb 08 j 08:38	24°♏02'02		
direct	-9529 Feb 09 j 01:42	24°♏00'53		
	-9529 Feb 21 j 20:22	0°♐		
morning max el	-9529 Feb 22 j 15:41	0°♐44'54	23°28'50	
	-9529 Mar 14 j 06:02	0°♑		
morning set	-9529 Mar 18 j 04:48	8°♑02'12		
asc. node	-9529 Mar 21 j 21:24	15°♑52'30		
superior conj	-9529 Mar 25 j 07:33	23°♑13'06	0°33'05	
minimum elong	-9529 Mar 25 j 06:09	23°♑05'36	0°32'16	
max. Earth dist.	-9529 Mar 27 j 11:39	27°♑49'54	1.33753 AU	
	-9529 Mar 28 j 12:25	0°♒		
evening rise	-9529 Apr 01 j 22:57	9°♒04'26		
	-9529 Apr 13 j 08:19	0°♓		
	-9529 May 05 j 09:06	0°♈		
evening max el	-9529 May 05 j 14:40	0°♈13'34	27°25'18	
desc. node	-9529 May 07 j 07:22	1°♈48'11		
retrograde	-9529 May 19 j 07:23	7°♈45'55		
evening set	-9529 May 26 j 07:42	5°♈07'30		
min. Earth dist.	-9529 May 29 j 23:06	1°♈50'05	0.63624 AU	
	-9529 May 31 j 17:02	30°℞♓		
inferior conj	-9529 Jun 01 j 13:02	29°♓06'50	-3°37'18	
minimum elong	-9529 Jun 01 j 14:31	29°♓02'54	3°37'15	
morning rise	-9529 Jun 07 j 22:11	23°♓47'49		
direct	-9529 Jun 10 j 16:57	23°♓08'57		
morning max el	-9529 Jun 17 j 05:01	26°♓33'34	18°04'48	
asc. node	-9529 Jun 17 j 21:50	27°♓17'06		
	-9529 Jun 20 j 04:21	0°♈		
morning set	-9529 Jul 04 j 16:18	23°♈28'29		
	-9529 Jul 08 j 11:21	0°♉		
superior conj	-9529 Jul 17 j 09:56	15°♉00'05	1°29'03	
minimum elong	-9529 Jul 17 j 15:45	15°♉23'57	1°28'57	
max. Earth dist.	-9529 Jul 22 j 20:45	23°♉51'07	1.43762 AU	
	-9529 Jul 26 j 17:21	0°♊		
evening rise	-9529 Aug 02 j 13:46	10°♊43'40		
desc. node	-9529 Aug 03 j 04:38	11°♊41'13		
	-9529 Aug 15 j 05:19	0°♋		
evening max el	-9529 Aug 30 j 03:55	19°♋58'54	20°25'25	
retrograde	-9529 Sep 07 j 01:27	24°♋36'13		
evening set	-9529 Sep 10 j 19:20	23°♋15'24		
asc. node	-9529 Sep 13 j 21:56	20°♋11'59		
inferior conj	-9529 Sep 16 j 05:53	17°♋11'11	0°45'28	
minimum elong	-9529 Sep 16 j 04:50	17°♋14'42	0°45'37	
min. Earth dist.	-9529 Sep 16 j 23:58	16°♋10'27	0.66659 AU	
morning rise	-9529 Sep 21 j 14:07	10°♋52'16		
direct	-9529 Sep 27 j 02:10	8°♋30'59		
morning max el	-9529 Oct 08 j 12:54	15°♋20'36	24°42'07	
	-9529 Oct 20 j 14:56	0°♌		
desc. node	-9529 Oct 30 j 04:14	13°♌48'18		
	-9529 Nov 09 j 07:10	0°♍		
morning set	-9529 Nov 13 j 09:50	7°♍03'27		
max. Earth dist.	-9529 Nov 17 j 06:29	13°♍57'26	1.37735 AU	
superior conj	-9529 Nov 23 j 21:44	26°♍26'52	-1°43'18	
minimum elong	-9529 Nov 23 j 22:00	26°♍28'08	1°43'12	
	-9529 Nov 25 j 17:25	0°♎		
evening rise	-9529 Dec 02 j 08:00	13°♎08'25		
asc. node	-9529 Dec 10 j 20:07	29°♎06'06		
	-9529 Dec 11 j 09:03	0°♏		
evening max el	-9529 Dec 19 j 07:09	10°♏28'55	19°13'46	
retrograde	-9529 Dec 28 j 03:58	14°♏41'39		
evening set	-9529 Dec 30 j 16:05	14°♏22'59		
inferior conj	-9528 Jan 07 j 18:46	10°♏10'27	3°54'58	
minimum elong	-9528 Jan 07 j 22:30	10°♏04'05	3°54'09	
min. Earth dist.	-9528 Jan 10 j 16:50	8°♏11'49	0.57172 AU	
morning rise	-9528 Jan 16 j 02:38	5°♏16'15		
direct	-9528 Jan 21 j 05:30	4°♏15'24		
desc. node	-9528 Jan 26 j 05:31	5°♏13'40		
morning max el	-9528 Feb 04 j 06:26	11°♏24'52	25°04'20	
	-9528 Feb 18 j 10:56	0°♐		
morning set	-9528 Mar 01 j 17:16	23°♐07'15		
	-9528 Mar 04 j 22:42	0°♑		
asc. node	-9528 Mar 07 j 18:26	6°♑07'14		
superior conj	-9528 Mar 08 j 17:08	8°♑10'29	0°09'21	
minimum elong	-9528 Mar 08 j 16:45	8°♑08'25	0°08'41	
behind sun begin	-9528 Mar 08 j 12:30	7°♑45'21		
behind sun end	-9528 Mar 08 j 21:00	8°♑31'30		
max. Earth dist.	-9528 Mar 09 j 20:44	10°♑39'54	1.33113 AU	
evening rise	-9528 Mar 16 j 00:17	23°♑38'02		
	-9528 Mar 19 j 04:50	0°♒		
	-9528 Apr 06 j 03:39	0°♓		
evening max el	-9528 Apr 16 j 22:22	12°♓48'27	27°17'37	
desc. node	-9528 Apr 23 j 04:40	17°♓48'07		
retrograde	-9528 Apr 30 j 21:37	20°♓18'11		
evening set	-9528 May 07 j 17:59	18°♓03'09		
min. Earth dist.	-9528 May 11 j 11:05	15°♓07'45	0.61816 AU	
inferior conj	-9528 May 14 j 13:27	12°♓14'00	-3°42'14	
minimum elong	-9528 May 14 j 13:11	12°♓14'38	3°42'27	
morning rise	-9528 May 21 j 09:56	7°♓14'08		
direct	-9528 May 24 j 00:53	6°♓43'45		
morning max el	-9528 May 30 j 18:49	10°♓07'18	18°01'37	
asc. node	-9528 Jun 03 j 18:39	14°♓53'45		
	-9528 Jun 12 j 22:49	0°♈		
morning set	-9528 Jun 16 j 04:00	5°♈47'43		
superior conj	-9528 Jun 27 j 04:46	25°♈22'28	1°46'27	
minimum elong	-9528 Jun 27 j 07:17	25°♈33'15	1°46'32	
	-9528 Jun 29 j 21:48	0°♉		
max. Earth dist.	-9528 Jul 04 j 06:48	7°♉18'09	1.42429 AU	
evening rise	-9528 Jul 11 j 16:22	19°♉13'12		
	-9528 Jul 18 j 15:17	0°♊		
desc. node	-9528 Jul 20 j 01:53	2°♊11'20		
	-9528 Aug 08 j 23:32	0°♋		
evening max el	-9528 Aug 12 j 01:03	3°♋22'47	21°36'39	
retrograde	-9528 Aug 20 j 21:21	8°♋36'29		
evening set	-9528 Aug 25 j 03:41	6°♋55'59		
inferior conj	-9528 Aug 30 j 10:52	0°♋45'12	-0°06'38	
minimum elong	-9528 Aug 30 j 11:00	0°♋44'45	0°05'59	
transit middle	-9528 Aug 30 j 11:00	0°♋44'45	0°05'59	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

transit begin	-9528 Aug 30 j 08:29	0°♋53'25	
transit end	-9528 Aug 30 j 13:31	0°♋36'05	
asc. node	-9528 Aug 30 j 19:00	0°♋17'13	
min. Earth dist.	-9528 Aug 30 j 18:25	0°♋19'16	0.67106 AU
	-9528 Aug 31 j 00:01	30°℞♊	
morning rise	-9528 Sep 04 j 18:10	24°♊26'19	
direct	-9528 Sep 09 j 15:43	22°♊23'53	
morning max el	-9528 Sep 19 j 23:02	28°♊35'06	23°18'07
	-9528 Sep 21 j 07:20	0°♋	
	-9528 Oct 13 j 09:44	0°♌	
desc. node	-9528 Oct 16 j 01:00	4°♌03'39	
morning set	-9528 Oct 24 j 12:48	17°♌43'30	
max. Earth dist.	-9528 Oct 29 j 04:12	25°♌36'12	1.39737 AU
	-9528 Oct 31 j 16:29	0°♍	
superior conj	-9528 Nov 05 j 17:48	9°♍08'21	-1°40'17
minimum elong	-9528 Nov 05 j 15:57	8°♍59'46	1°39'56
evening rise	-9528 Nov 15 j 02:04	26°♍51'57	
	-9528 Nov 16 j 17:20	0°♎	
asc. node	-9528 Nov 26 j 17:25	17°♎24'06	
evening max el	-9528 Dec 01 j 08:52	23°♎03'35	18°32'12
retrograde	-9528 Dec 09 j 02:06	26°♎50'23	
evening set	-9528 Dec 11 j 14:27	26°♎27'41	
inferior conj	-9528 Dec 19 j 03:15	21°♎54'53	4°14'59
minimum elong	-9528 Dec 19 j 03:28	21°♎54'27	4°14'51
min. Earth dist.	-9528 Dec 22 j 09:33	19°♎21'44	0.58916 AU
morning rise	-9528 Dec 26 j 14:40	16°♎38'16	
direct	-9527 Jan 01 j 21:02	14°♎59'18	
desc. node	-9527 Jan 12 j 02:19	19°♎01'25	
morning max el	-9527 Jan 15 j 23:24	22°♎20'42	26°25'06
	-9527 Jan 22 j 18:55	0°♏	
	-9527 Feb 10 j 04:21	0°♐	
morning set	-9527 Feb 14 j 04:38	8°♐09'11	
superior conj	-9527 Feb 21 j 04:36	23°♐13'26	-0°14'21
minimum elong	-9527 Feb 21 j 05:13	23°♐16'51	0°14'47
behind sun begin	-9527 Feb 21 j 03:30	23°♐07'27	
behind sun end	-9527 Feb 21 j 06:57	23°♐26'14	
max. Earth dist.	-9527 Feb 21 j 09:51	23°♐42'09	1.32796 AU
asc. node	-9527 Feb 22 j 15:31	26°♐23'57	
	-9527 Feb 24 j 07:20	0°♑	
evening rise	-9527 Feb 28 j 06:58	8°♑27'24	
	-9527 Mar 11 j 16:07	0°♒	
evening max el	-9527 Mar 30 j 01:09	24°♒46'20	26°37'11
	-9527 Apr 05 j 19:45	0°♓	
desc. node	-9527 Apr 10 j 01:55	1°♓45'43	
retrograde	-9527 Apr 13 j 03:35	2°♓09'25	
evening set	-9527 Apr 19 j 09:56	0°♓27'55	
	-9527 Apr 20 j 05:48	30°℞♒	
min. Earth dist.	-9527 Apr 23 j 14:20	27°♒40'13	0.59823 AU
inferior conj	-9527 Apr 26 j 22:59	24°♒56'19	-3°26'10
minimum elong	-9527 Apr 26 j 20:28	25°♒01'29	3°26'15
morning rise	-9527 May 04 j 09:27	20°♒16'55	
direct	-9527 May 06 j 21:02	19°♒53'46	
morning max el	-9527 May 14 j 06:05	23°♒28'15	18°17'33
	-9527 May 19 j 12:46	0°♓	
asc. node	-9527 May 21 j 15:28	3°♓17'53	
morning set	-9527 May 30 j 08:14	18°♓57'25	
	-9527 Jun 05 j 05:19	0°♈	
superior conj	-9527 Jun 09 j 01:29	7°♈03'02	1°49'36
minimum elong	-9527 Jun 09 j 00:52	7°♈00'15	1°49'36
max. Earth dist.	-9527 Jun 16 j 11:31	20°♈06'25	1.40695 AU
evening rise	-9527 Jun 21 j 13:26	28°♈36'36	
	-9527 Jun 22 j 09:50	0°♉	
desc. node	-9527 Jul 06 j 23:12	22°♉29'56	
	-9527 Jul 12 j 05:02	0°♊	
evening max el	-9527 Jul 25 j 15:55	16°♊44'30	22°56'09
retrograde	-9527 Aug 04 j 15:00	22°♊38'57	
evening set	-9527 Aug 09 j 11:26	20°♊37'16	
inferior conj	-9527 Aug 14 j 17:09	14°♊22'33	-0°56'50
minimum elong	-9527 Aug 14 j 18:21	14°♊18'25	0°55'50
min. Earth dist.	-9527 Aug 14 j 14:15	14°♊32'32	0.67262 AU
asc. node	-9527 Aug 17 j 15:59	10°♊30'22	
morning rise	-9527 Aug 20 j 01:10	8°♊07'16	
direct	-9527 Aug 24 j 09:16	6°♊24'14	
morning max el	-9527 Sep 02 j 12:56	11°♊52'50	21°54'52
	-9527 Sep 16 j 15:37	0°♋	
desc. node	-9527 Oct 02 j 21:51	24°♋31'40	
morning set	-9527 Oct 04 j 12:46	27°♋05'53	
	-9527 Oct 06 j 08:16	0°♌	
max. Earth dist.	-9527 Oct 11 j 06:13	8°♌02'12	1.41670 AU
superior conj	-9527 Oct 18 j 17:42	20°♌47'16	-1°25'55
minimum elong	-9527 Oct 18 j 13:33	20°♌29'06	1°25'09
	-9527 Oct 23 j 21:54	0°♍	
evening rise	-9527 Oct 29 j 09:12	10°♍00'22	
	-9527 Nov 09 j 21:54	0°♎	
asc. node	-9527 Nov 13 j 14:41	4°♎51'09	
evening max el	-9527 Nov 14 j 17:18	6°♎01'31	18°10'48
retrograde	-9527 Nov 21 j 17:16	9°♎35'36	
evening set	-9527 Nov 24 j 06:31	9°♎07'48	
inferior conj	-9527 Dec 01 j 06:39	4°♎13'02	4°05'25
minimum elong	-9527 Dec 01 j 04:13	4°♎18'33	4°05'11
min. Earth dist.	-9527 Dec 04 j 08:32	1°♎26'19	0.60803 AU
	-9527 Dec 06 j 02:20	30°℞♍	
morning rise	-9527 Dec 08 j 00:38	28°♍37'51	
direct	-9527 Dec 14 j 22:37	26°♍23'53	
	-9527 Dec 24 j 08:26	0°♎	
morning max el	-9527 Dec 28 j 22:37	3°♎52'41	27°18'06
desc. node	-9527 Dec 29 j 23:04	4°♎53'11	
	-9526 Jan 17 j 07:12	0°♏	
morning set	-9526 Jan 29 j 13:04	23°♏01'04	
	-9526 Feb 01 j 20:41	0°♐	
max. Earth dist.	-9526 Feb 04 j 23:13	6°♐42'47	1.32801 AU
superior conj	-9526 Feb 05 j 16:18	8°♐15'55	-0°37'08
minimum elong	-9526 Feb 05 j 17:47	8°♐24'03	0°37'21
asc. node	-9526 Feb 09 j 12:39	16°♐38'32	
evening rise	-9526 Feb 12 j 16:51	23°♐24'41	
	-9526 Feb 15 j 22:02	0°♑	
	-9526 Mar 06 j 08:28	0°♒	
evening max el	-9526 Mar 11 j 22:00	6°♒05'55	25°27'56
retrograde	-9526 Mar 25 j 23:36	13°♒17'05	
desc. node	-9526 Mar 27 j 23:07	13°♒07'41	
evening set	-9526 Mar 31 j 06:15	12°♒11'16	
min. Earth dist.	-9526 Apr 05 j 10:58	9°♒16'29	0.57893 AU
inferior conj	-9526 Apr 08 j 14:08	7°♒04'24	-2°41'50
minimum elong	-9526 Apr 08 j 10:00	7°♒11'45	2°41'26
morning rise	-9526 Apr 16 j 16:57	2°♒44'50	
direct	-9526 Apr 19 j 01:05	2°♒27'44	
morning max el	-9526 Apr 27 j 11:56	6°♒27'26	18°53'06
asc. node	-9526 May 08 j 12:18	22°♒18'04	
	-9526 May 12 j 14:24	0°♓	
morning set	-9526 May 14 j 00:34	2°♓46'07	
superior conj	-9526 May 22 j 18:43	19°♓47'02	1°42'12
minimum elong	-9526 May 22 j 16:18	19°♓35'37	1°41'54
	-9526 May 28 j 06:43	0°♈	
max. Earth dist.	-9526 May 29 j 12:09	2°♈12'27	1.38802 AU
evening rise	-9526 Jun 02 j 13:37	9°♈20'21	
	-9526 Jun 15 j 07:20	0°♉	
desc. node	-9526 Jun 23 j 20:35	12°♉30'47	
evening max el	-9526 Jul 08 j 02:40	0°♊05'41	24°17'54

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9526 Jul 08 j 00:24	0°♊		
retrograde	-9526 Jul 19 j 05:21	6°♊39'26		
evening set	-9526 Jul 24 j 16:43	4°♊17'24		
	-9526 Jul 28 j 11:41	30°℞♉		
inferior conj	-9526 Jul 29 j 22:58	28°♉01'20	-1°43'41	
minimum elong	-9526 Jul 30 j 01:01	27°♉54'23	1°42'31	
min. Earth dist.	-9526 Jul 29 j 09:09	28°♉48'07	0.67107 AU	
morning rise	-9526 Aug 04 j 09:18	21°♉52'53		
asc. node	-9526 Aug 04 j 12:56	21°♉46'19		
direct	-9526 Aug 08 j 05:41	20°♉28'00		
morning max el	-9526 Aug 16 j 08:49	25°♉16'14	20°39'04	
	-9526 Aug 20 j 11:02	0°♊		
	-9526 Sep 10 j 02:24	0°♋		
morning set	-9526 Sep 13 j 17:21	5°♋36'18		
desc. node	-9526 Sep 19 j 18:48	15°♋07'44		
max. Earth dist.	-9526 Sep 23 j 14:36	21°♋15'12	1.43251 AU	
	-9526 Sep 28 j 23:01	0°♌		
superior conj	-9526 Sep 29 j 15:48	1°♌09'41	-0°57'56	
minimum elong	-9526 Sep 29 j 10:52	0°♌49'12	0°56'51	
evening rise	-9526 Oct 12 j 01:11	22°♌23'52		
	-9526 Oct 16 j 09:20	0°♍		
evening max el	-9526 Oct 29 j 05:37	19°♍15'40	18°08'58	
asc. node	-9526 Oct 31 j 11:56	21°♍12'50		
retrograde	-9526 Nov 04 j 21:20	22°♍47'47		
evening set	-9526 Nov 07 j 12:58	22°♍13'16		
inferior conj	-9526 Nov 14 j 01:58	16°♍58'14	3°36'17	
minimum elong	-9526 Nov 13 j 22:24	17°♍07'24	3°35'43	
min. Earth dist.	-9526 Nov 16 j 16:50	14°♍17'18	0.62586 AU	
morning rise	-9526 Nov 20 j 06:54	11°♍07'49		
direct	-9526 Nov 27 j 08:53	8°♍30'21		
morning max el	-9526 Dec 11 j 03:55	16°♍04'42	27°36'37	
desc. node	-9526 Dec 16 j 19:49	22°♍15'43		
	-9526 Dec 22 j 18:18	0°♎		
	-9525 Jan 09 j 20:02	0°♏		
morning set	-9525 Jan 13 j 16:24	7°♏35'13		
max. Earth dist.	-9525 Jan 19 j 08:57	19°♏28'06	1.33150 AU	
superior conj	-9525 Jan 21 j 02:36	23°♏12'08	-0°58'14	
minimum elong	-9525 Jan 21 j 04:43	23°♏23'32	0°58'17	
	-9525 Jan 24 j 05:58	0°♐		
asc. node	-9525 Jan 27 j 09:51	6°♐46'48		
evening rise	-9525 Jan 28 j 04:09	8°♐23'23		
	-9525 Feb 08 j 14:08	0°♑		
evening max el	-9525 Feb 21 j 15:15	17°♑00'51	23°59'52	
retrograde	-9525 Mar 07 j 07:59	23°♑48'22		
evening set	-9525 Mar 11 j 10:32	23°♑10'54		
desc. node	-9525 Mar 14 j 20:15	21°♑48'33		
min. Earth dist.	-9525 Mar 18 j 04:03	19°♑56'42	0.56344 AU	
inferior conj	-9525 Mar 20 j 09:32	18°♑33'58	-1°24'41	
minimum elong	-9525 Mar 20 j 06:17	18°♑39'00	1°24'16	
morning rise	-9525 Mar 29 j 05:00	14°♑28'51		
direct	-9525 Mar 31 j 10:43	14°♑15'40		
morning max el	-9525 Apr 10 j 09:34	18°♑56'03	19°48'24	
	-9525 Apr 18 j 21:18	0°♒		
asc. node	-9525 Apr 25 j 09:12	11°♒46'04		
morning set	-9525 Apr 28 j 01:38	17°♒05'23		
	-9525 May 04 j 11:02	0°♓		
superior conj	-9525 May 06 j 03:07	3°♓19'53	1°27'37	
minimum elong	-9525 May 06 j 00:09	3°♓05'12	1°26'59	
max. Earth dist.	-9525 May 11 j 14:15	13°♓55'03	1.37006 AU	
evening rise	-9525 May 15 j 15:02	21°♓21'48		
	-9525 May 20 j 12:57	0°♈		
	-9525 Jun 09 j 03:49	0°♉		
desc. node	-9525 Jun 10 j 17:58	2°♉06'14		
evening max el	-9525 Jun 20 j 12:24	13°♉29'09	25°34'02	
retrograde	-9525 Jul 02 j 15:39	20°♉33'28		
evening set	-9525 Jul 08 j 17:29	17°♉55'06		
min. Earth dist.	-9525 Jul 13 j 00:48	13°♉03'56	0.66618 AU	
inferior conj	-9525 Jul 14 j 02:33	11°♉40'09	-2°25'40	
minimum elong	-9525 Jul 14 j 05:08	11°♉31'44	2°24'34	
morning rise	-9525 Jul 19 j 16:50	5°♉41'43		
asc. node	-9525 Jul 22 j 09:51	4°♉35'44		
direct	-9525 Jul 23 j 03:37	4°♉32'36		
morning max el	-9525 Jul 30 j 11:22	8°♉46'32	19°35'21	
	-9525 Aug 14 j 19:13	0°♊		
morning set	-9525 Aug 23 j 21:28	14°♊08'32		
	-9525 Sep 02 j 23:52	0°♋		
max. Earth dist.	-9525 Sep 06 j 04:17	5°♋02'26	1.44279 AU	
desc. node	-9525 Sep 06 j 15:48	5°♋48'13		
superior conj	-9525 Sep 09 j 10:28	10°♋14'02	-0°16'53	
minimum elong	-9525 Sep 09 j 08:33	10°♋06'19	0°16'04	
behind sun begin	-9525 Sep 09 j 06:30	9°♋58'10		
behind sun end	-9525 Sep 09 j 10:35	10°♋14'29		
	-9525 Sep 21 j 13:31	0°♌		
evening rise	-9525 Sep 23 j 20:45	3°♌49'54		
	-9525 Oct 10 j 11:16	0°♍		
evening max el	-9525 Oct 12 j 18:59	2°♍39'32	18°25'41	
asc. node	-9525 Oct 18 j 09:12	6°♍12'50		
retrograde	-9525 Oct 19 j 10:07	6°♍18'40		
evening set	-9525 Oct 22 j 06:12	5°♍35'04		
inferior conj	-9525 Oct 28 j 09:38	0°♍02'22	2°55'06	
minimum elong	-9525 Oct 28 j 06:06	0°♍12'25	2°54'25	
	-9525 Oct 28 j 10:27	30°℞♌		
min. Earth dist.	-9525 Oct 30 j 11:12	27°♌41'31	0.64128 AU	
morning rise	-9525 Nov 03 j 05:22	23°♌59'56		
direct	-9525 Nov 10 j 02:31	21°♌13'13		
morning max el	-9525 Nov 23 j 12:48	28°♌47'58	27°20'36	
	-9525 Nov 24 j 17:24	0°♍		
desc. node	-9525 Dec 03 j 16:32	10°♍42'08		
	-9525 Dec 16 j 12:47	0°♎		
morning set	-9525 Dec 28 j 11:45	21°♎40'56		
	-9524 Jan 01 j 14:54	0°♏		
max. Earth dist.	-9524 Jan 02 j 11:08	1°♏44'30	1.33894 AU	
superior conj	-9524 Jan 05 j 09:35	7°♏54'23	-1°16'44	
minimum elong	-9524 Jan 05 j 11:57	8°♏06'53	1°16'43	
evening rise	-9524 Jan 12 j 15:07	23°♏16'15		
asc. node	-9524 Jan 14 j 07:05	26°♏43'05		
	-9524 Jan 15 j 22:03	0°♐		
evening max el	-9524 Feb 03 j 09:47	27°♐53'05	22°26'07	
	-9524 Feb 05 j 21:04	0°♑		
retrograde	-9524 Feb 16 j 04:05	4°♑00'58		
evening set	-9524 Feb 19 j 07:50	3°♑39'08		
	-9524 Feb 27 j 14:49	30°℞♐		
min. Earth dist.	-9524 Feb 27 j 19:26	29°♐53'25	0.55487 AU	
inferior conj	-9524 Feb 28 j 12:29	29°♐29'00	0°18'59	
minimum elong	-9524 Feb 28 j 13:18	29°♐27'50	0°18'09	
desc. node	-9524 Feb 29 j 17:18	28°♐47'56		
morning rise	-9524 Mar 08 j 19:52	25°♐26'32		
direct	-9524 Mar 11 j 05:34	25°♐13'06		
	-9524 Mar 22 j 00:53	0°♑		
morning max el	-9524 Mar 22 j 20:30	0°♑44'45	21°02'47	
	-9524 Apr 10 j 11:42	0°♒		
morning set	-9524 Apr 11 j 08:35	1°♒46'37		
asc. node	-9524 Apr 11 j 06:08	1°♒34'05		
superior conj	-9524 Apr 18 j 22:18	17°♒28'14	1°08'25	
minimum elong	-9524 Apr 18 j 19:36	17°♒14'24	1°07'35	
max. Earth dist.	-9524 Apr 23 j 00:16	25°♒43'27	1.35477 AU	
	-9524 Apr 25 j 04:35	0°♓		
evening rise	-9524 Apr 27 j 11:57	4°♓24'45		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9524 May 12 j 09:07	0°♈	
desc. node	-9524 May 27 j 15:21	21°♈05'33	
evening max el	-9524 Jun 01 j 23:00	26°♈52'27	26°35'55
	-9524 Jun 05 j 10:37	0°♉	
retrograde	-9524 Jun 14 j 21:06	4°♉15'01	
evening set	-9524 Jun 21 j 11:26	1°♉27'50	
	-9524 Jun 23 j 00:38	30°℞♈	
min. Earth dist.	-9524 Jun 25 j 10:51	27°♈15'44	0.65762 AU
inferior conj	-9524 Jun 27 j 01:55	25°♈16'32	-3°01'02
minimum elong	-9524 Jun 27 j 04:35	25°♈08'23	3°00'15
morning rise	-9524 Jul 02 j 21:55	19°♈31'08	
direct	-9524 Jul 06 j 01:10	18°♈35'23	
asc. node	-9524 Jul 08 j 06:45	19°♈02'39	
morning max el	-9524 Jul 12 j 19:43	22°♈22'45	18°46'44
	-9524 Jul 18 j 20:31	0°♉	
morning set	-9524 Aug 02 j 19:54	23°♉33'43	
	-9524 Aug 06 j 20:06	0°♊	
superior conj	-9524 Aug 18 j 11:23	18°♊29'53	0°30'20
minimum elong	-9524 Aug 18 j 15:09	18°♊44'50	0°30'26
max. Earth dist.	-9524 Aug 18 j 21:00	19°♊07'56	1.44633 AU
desc. node	-9524 Aug 23 j 12:54	26°♊30'05	
	-9524 Aug 25 j 17:58	0°♋	
evening rise	-9524 Sep 03 j 14:50	14°♋06'17	
	-9524 Sep 13 j 14:33	0°♌	
evening max el	-9524 Sep 25 j 06:35	16°♌07'55	18°59'47
retrograde	-9524 Oct 02 j 04:06	20°♌02'39	
asc. node	-9524 Oct 04 j 06:24	19°♌37'27	
evening set	-9524 Oct 05 j 06:55	19°♌06'58	
inferior conj	-9524 Oct 11 j 02:26	13°♌19'32	2°07'04
minimum elong	-9524 Oct 10 j 23:38	13°♌28'10	2°06'34
min. Earth dist.	-9524 Oct 12 j 14:51	11°♌27'12	0.65362 AU
morning rise	-9524 Oct 16 j 15:56	7°♌08'12	
direct	-9524 Oct 23 j 02:20	4°♌25'03	
morning max el	-9524 Nov 04 j 22:44	11°♌51'06	26°35'02
desc. node	-9524 Nov 19 j 13:15	29°♌53'49	
	-9524 Nov 19 j 14:59	0°♍	
	-9524 Dec 08 j 01:32	0°♎	
morning set	-9524 Dec 10 j 19:36	5°♎07'07	
max. Earth dist.	-9524 Dec 15 j 02:56	13°♎28'01	1.35073 AU
superior conj	-9524 Dec 19 j 11:05	22°♎15'35	-1°31'28
minimum elong	-9524 Dec 19 j 13:11	22°♎26'24	1°31'27
	-9524 Dec 23 j 04:22	0°♏	
evening rise	-9524 Dec 27 j 00:05	7°♏57'47	
asc. node	-9524 Dec 31 j 04:21	16°♏21'49	
	-9523 Jan 08 j 00:42	0°♐	
evening max el	-9523 Jan 15 j 10:47	9°♐04'45	20°58'52
retrograde	-9523 Jan 26 j 17:53	14°♐23'59	
evening set	-9523 Jan 29 j 10:06	14°♐07'13	
inferior conj	-9523 Feb 07 j 09:14	10°♐08'46	2°05'34
minimum elong	-9523 Feb 07 j 14:10	10°♐01'38	2°03'36
min. Earth dist.	-9523 Feb 08 j 09:30	9°♐33'49	0.55504 AU
desc. node	-9523 Feb 15 j 14:18	6°♐11'16	
morning rise	-9523 Feb 16 j 17:13	5°♐53'40	
direct	-9523 Feb 19 j 20:01	5°♐32'20	
morning max el	-9523 Mar 04 j 20:22	11°♐53'06	22°32'53
	-9523 Mar 18 j 03:46	0°♑	
morning set	-9523 Mar 26 j 19:12	16°♑42'37	
asc. node	-9523 Mar 29 j 03:06	21°♑36'17	
	-9523 Apr 02 j 01:56	0°♒	
superior conj	-9523 Apr 03 j 00:59	2°♒01'58	0°46'27
minimum elong	-9523 Apr 02 j 23:02	1°♒51'41	0°45'34
max. Earth dist.	-9523 Apr 05 j 20:42	7°♒56'18	1.34288 AU
evening rise	-9523 Apr 10 j 23:03	18°♒12'55	
	-9523 Apr 17 j 05:45	0°♓	

	-9523 May 06 j 14:14	0°♈	
desc. node	-9523 May 14 j 12:44	9°♈13'25	
evening max el	-9523 May 15 j 10:03	10°♈06'22	27°15'21
retrograde	-9523 May 28 j 21:05	17°♈36'30	
evening set	-9523 Jun 04 j 19:42	14°♈51'13	
min. Earth dist.	-9523 Jun 08 j 13:06	11°♈15'51	0.64518 AU
inferior conj	-9523 Jun 10 j 18:39	8°♈46'06	-3°27'27
minimum elong	-9523 Jun 10 j 20:47	8°♈40'07	3°27'07
morning rise	-9523 Jun 16 j 22:22	3°♈16'42	
direct	-9523 Jun 19 j 19:55	2°♈32'04	
asc. node	-9523 Jun 25 j 03:37	4°♈55'33	
morning max el	-9523 Jun 26 j 08:05	6°♈01'55	18°15'00
	-9523 Jul 12 j 08:20	0°♉	
morning set	-9523 Jul 14 j 19:55	4°♉10'34	
superior conj	-9523 Jul 28 j 15:59	26°♉58'14	1°11'42
minimum elong	-9523 Jul 28 j 22:32	27°♉24'36	1°11'30
	-9523 Jul 30 j 13:17	0°♊	
max. Earth dist.	-9523 Aug 01 j 13:47	3°♊13'30	1.44275 AU
desc. node	-9523 Aug 10 j 10:03	17°♊09'47	
evening rise	-9523 Aug 14 j 06:51	23°♊11'38	
	-9523 Aug 18 j 16:10	0°♋	
greatest brilliancy	-9523 Aug 26 j 13:50	12°♋05'49	-0.7m
evening max el	-9523 Sep 08 j 13:48	29°♋35'45	19°49'59
	-9523 Sep 08 j 23:24	0°♌	
retrograde	-9523 Sep 16 j 00:32	3°♌54'52	
evening set	-9523 Sep 19 j 12:22	2°♌43'57	
asc. node	-9523 Sep 21 j 03:33	1°♌23'19	
	-9523 Sep 22 j 11:09	30°℞♋	
inferior conj	-9523 Sep 25 j 01:39	26°♋44'50	1°15'37
minimum elong	-9523 Sep 24 j 23:56	26°♋50'28	1°15'30
min. Earth dist.	-9523 Sep 26 j 02:01	25°♋24'59	0.66274 AU
morning rise	-9523 Sep 30 j 11:15	20°♋27'49	
direct	-9523 Oct 06 j 07:45	17°♋57'13	
morning max el	-9523 Oct 18 j 08:22	25°♋03'15	25°27'30
	-9523 Oct 22 j 21:01	0°♌	
desc. node	-9523 Nov 06 j 09:59	19°♌36'59	
	-9523 Nov 13 j 02:37	0°♍	
morning set	-9523 Nov 23 j 11:14	17°♍39'55	
max. Earth dist.	-9523 Nov 27 j 08:11	24°♍48'17	1.36669 AU
	-9523 Nov 30 j 01:30	0°♎	
superior conj	-9523 Dec 03 j 04:14	6°♎06'39	-1°40'58
minimum elong	-9523 Dec 03 j 05:23	6°♎12'24	1°40'56
evening rise	-9523 Dec 11 j 05:07	22°♎21'54	
	-9523 Dec 15 j 01:34	0°♏	
asc. node	-9523 Dec 18 j 01:38	5°♏36'13	
evening max el	-9523 Dec 28 j 21:23	20°♏48'27	19°46'40
retrograde	-9522 Jan 07 j 14:08	25°♏22'42	
evening set	-9522 Jan 10 j 02:45	25°♏05'31	
inferior conj	-9522 Jan 18 j 13:27	21°♏01'12	3°26'17
minimum elong	-9522 Jan 18 j 18:43	20°♏52'52	3°24'51
min. Earth dist.	-9522 Jan 20 j 23:01	19°♏30'38	0.56365 AU
morning rise	-9522 Jan 27 j 08:36	16°♏22'02	
direct	-9522 Jan 31 j 16:39	15°♏40'04	
desc. node	-9522 Feb 02 j 11:12	15°♏47'16	
morning max el	-9522 Feb 14 j 12:43	22°♏36'09	24°10'20
	-9522 Feb 21 j 00:54	0°♐	
	-9522 Mar 10 j 11:02	0°♑	
morning set	-9522 Mar 11 j 07:32	1°♑46'50	
asc. node	-9522 Mar 16 j 00:06	11°♑47'59	
superior conj	-9522 Mar 18 j 08:40	16°♑53'11	0°23'03
minimum elong	-9522 Mar 18 j 07:42	16°♑47'57	0°22'17
max. Earth dist.	-9522 Mar 20 j 02:10	20°♑35'42	1.33443 AU
	-9522 Mar 24 j 13:55	0°♒	
evening rise	-9522 Mar 25 j 20:08	2°♒33'19	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9522 Apr 10 j 02:31	0°♓	
evening max el	-9522 Apr 27 j 19:32	22°♓58'49	27°25'58
desc. node	-9522 May 01 j 10:04	26°♓08'42	
	-9522 May 08 j 08:22	0°♈	
retrograde	-9522 May 11 j 15:01	0°♈30'06	
	-9522 May 14 j 18:43	30°℞♓	
evening set	-9522 May 18 j 15:04	27°♓59'53	
min. Earth dist.	-9522 May 22 j 06:14	24°♓53'43	0.62895 AU
inferior conj	-9522 May 25 j 01:59	22°♓03'52	-3°41'33
minimum elong	-9522 May 25 j 02:49	22°♓01'46	3°41'39
morning rise	-9522 May 31 j 15:40	16°♓52'56	
direct	-9522 Jun 03 j 08:48	16°♓17'45	
morning max el	-9522 Jun 09 j 22:11	19°♓40'09	18°01'12
asc. node	-9522 Jun 12 j 00:26	21°♓59'11	
	-9522 Jun 17 j 13:45	0°♈	
morning set	-9522 Jun 26 j 19:56	15°♈55'51	
	-9522 Jul 04 j 21:55	0°♉	
superior conj	-9522 Jul 08 j 19:05	6°♉34'08	1°38'24
minimum elong	-9522 Jul 08 j 23:38	6°♉53'11	1°38'23
max. Earth dist.	-9522 Jul 15 j 03:09	17°♉00'05	1.43259 AU
	-9522 Jul 23 j 07:19	0°♊	
evening rise	-9522 Jul 24 j 08:10	1°♊36'59	
desc. node	-9522 Jul 28 j 07:15	7°♊44'30	
	-9522 Aug 12 j 07:08	0°♋	
evening max el	-9522 Aug 22 j 14:44	13°♋00'47	20°54'20
retrograde	-9522 Aug 30 j 21:15	17°♋52'55	
evening set	-9522 Sep 03 j 20:14	16°♋23'49	
asc. node	-9522 Sep 08 j 00:39	11°♋52'01	
inferior conj	-9522 Sep 09 j 05:06	10°♋16'11	0°23'13
minimum elong	-9522 Sep 09 j 04:34	10°♋18'01	0°23'35
min. Earth dist.	-9522 Sep 09 j 18:33	9°♋30'26	0.66884 AU
morning rise	-9522 Sep 14 j 12:45	3°♋56'53	
direct	-9522 Sep 19 j 18:26	1°♋43'42	
morning max el	-9522 Sep 30 j 17:57	8°♋18'01	24°06'51
	-9522 Oct 17 j 18:38	0°♌	
desc. node	-9522 Oct 24 j 06:43	9°♌42'27	
morning set	-9522 Nov 05 j 05:08	29°♌04'48	
	-9522 Nov 05 j 17:59	0°♍	
max. Earth dist.	-9522 Nov 09 j 06:41	6°♍10'59	1.38575 AU
superior conj	-9522 Nov 16 j 09:19	19°♍16'51	-1°43'14
minimum elong	-9522 Nov 16 j 08:45	19°♍14'10	1°43'03
	-9522 Nov 21 j 22:11	0°♎	
evening rise	-9522 Nov 25 j 03:59	6°♎22'13	
asc. node	-9522 Dec 04 j 22:55	24°♎17'49	
	-9522 Dec 08 j 22:47	0°♏	
evening max el	-9522 Dec 11 j 18:00	3°♏05'49	18°53'36
retrograde	-9522 Dec 20 j 02:07	7°♏06'18	
evening set	-9522 Dec 22 j 14:04	6°♏46'11	
inferior conj	-9522 Dec 30 j 10:42	2°♏25'22	4°07'48
minimum elong	-9522 Dec 30 j 12:57	2°♏21'17	4°07'22
min. Earth dist.	-9521 Jan 02 j 14:02	0°♏09'39	0.57868 AU
	-9521 Jan 02 j 19:38	30°℞♎	
morning rise	-9521 Jan 07 j 09:41	27°♎20'48	
direct	-9521 Jan 13 j 01:09	26°♎04'21	
desc. node	-9521 Jan 20 j 08:03	28°♎08'06	
	-9521 Jan 23 j 05:36	0°♏	
morning max el	-9521 Jan 27 j 03:55	3°♏20'20	25°41'29
	-9521 Feb 15 j 05:07	0°♐	
morning set	-9521 Feb 23 j 19:46	16°♐51'44	
	-9521 Mar 01 j 22:21	0°♑	
superior conj	-9521 Mar 02 j 19:16	1°♑53'59	-0°00'47
minimum elong	-9521 Mar 02 j 19:20	1°♑54'18	0°01'21
behind sun begin	-9521 Mar 02 j 14:19	1°♑27'01	
behind sun end	-9521 Mar 03 j 00:20	2°♑21'33	
asc. node	-9521 Mar 02 j 21:09	2°♑04'10	
max. Earth dist.	-9521 Mar 03 j 13:22	3°♑32'26	1.32934 AU
evening rise	-9521 Mar 10 j 00:00	17°♑14'35	
	-9521 Mar 16 j 12:07	0°♒	
	-9521 Apr 05 j 02:45	0°♓	
evening max el	-9521 Apr 10 j 01:05	5°♓17'53	27°04'12
desc. node	-9521 Apr 18 j 07:22	11°♓21'13	
retrograde	-9521 Apr 24 j 02:08	12°♓46'03	
evening set	-9521 Apr 30 j 17:55	10°♓44'00	
min. Earth dist.	-9521 May 04 j 14:12	7°♓53'59	0.60980 AU
inferior conj	-9521 May 07 j 20:29	5°♓01'21	-3°38'23
minimum elong	-9521 May 07 j 19:17	5°♓04'02	3°38'37
morning rise	-9521 May 14 j 22:39	0°♓10'30	
	-9521 May 15 j 12:13	30°℞♒	
direct	-9521 May 17 j 12:07	29°♒43'25	
	-9521 May 19 j 11:15	0°♓	
morning max el	-9521 May 24 j 11:19	3°♓09'55	18°06'03
asc. node	-9521 May 29 j 21:15	9°♓57'34	
morning set	-9521 Jun 09 j 15:14	28°♓37'37	
	-9521 Jun 10 j 09:07	0°♈	
superior conj	-9521 Jun 20 j 01:30	17°♈31'26	1°49'19
minimum elong	-9521 Jun 20 j 02:32	17°♈36'03	1°49'24
	-9521 Jun 27 j 08:07	0°♉	
max. Earth dist.	-9521 Jun 27 j 10:30	0°♉09'54	1.41725 AU
evening rise	-9521 Jul 03 j 16:32	10°♉22'56	
desc. node	-9521 Jul 15 j 04:33	28°♉10'14	
	-9521 Jul 16 j 10:03	0°♊	
evening max el	-9521 Aug 05 j 08:53	26°♊22'52	22°09'45
	-9521 Aug 09 j 13:27	0°♋	
retrograde	-9521 Aug 14 j 16:29	1°♋54'22	
evening set	-9521 Aug 19 j 04:35	0°♋04'59	
	-9521 Aug 19 j 06:59	30°℞♊	
inferior conj	-9521 Aug 24 j 10:53	23°♊51'57	-0°28'15
minimum elong	-9521 Aug 24 j 11:29	23°♊49'52	0°27'27
min. Earth dist.	-9521 Aug 24 j 14:00	23°♊41'11	0.67202 AU
asc. node	-9521 Aug 25 j 21:41	21°♊52'59	
morning rise	-9521 Aug 29 j 18:17	17°♊33'58	
direct	-9521 Sep 03 j 09:49	15°♊39'55	
morning max el	-9521 Sep 13 j 05:26	21°♊33'51	22°42'09
	-9521 Sep 20 j 09:46	0°♋	
desc. node	-9521 Oct 11 j 03:30	0°♌03'46	
	-9521 Oct 11 j 02:33	0°♌	
morning set	-9521 Oct 16 j 20:34	9°♌11'27	
max. Earth dist.	-9521 Oct 22 j 05:15	18°♌06'47	1.40574 AU
	-9521 Oct 29 j 00:43	0°♍	
superior conj	-9521 Oct 29 j 21:32	1°♍33'37	-1°35'45
minimum elong	-9521 Oct 29 j 18:40	1°♍20'37	1°35'14
evening rise	-9521 Nov 08 j 17:53	19°♍52'02	
	-9521 Nov 14 j 04:37	0°♎	
asc. node	-9521 Nov 21 j 20:13	12°♎16'11	
evening max el	-9521 Nov 24 j 22:58	15°♎51'50	18°20'46
retrograde	-9521 Dec 02 j 07:49	19°♎31'50	
evening set	-9521 Dec 04 j 20:19	19°♎07'14	
inferior conj	-9521 Dec 12 j 03:35	14°♎25'25	4°13'58
minimum elong	-9521 Dec 12 j 02:30	14°♎27'42	4°13'50
min. Earth dist.	-9521 Dec 15 j 09:22	11°♎43'32	0.59708 AU
morning rise	-9521 Dec 19 j 07:01	9°♎00'16	
direct	-9521 Dec 25 j 21:33	7°♎05'05	
desc. node	-9520 Jan 07 j 04:50	12°♎53'12	
morning max el	-9520 Jan 08 j 23:26	14°♎30'54	26°51'34
	-9520 Jan 21 j 11:56	0°♏	
	-9520 Feb 07 j 08:45	0°♐	
morning set	-9520 Feb 08 j 06:09	1°♐50'44	
superior conj	-9520 Feb 15 j 07:05	16°♐58'07	-0°24'09

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9520 Feb 15 j 08:06	17°♐03'39	0°24'29	
max. Earth dist.	-9520 Feb 15 j 02:55	16°♐35'18	1.32754 AU	
asc. node	-9520 Feb 17 j 18:15	22°♐20'50		
	-9520 Feb 21 j 07:49	0°♑		
evening rise	-9520 Feb 22 j 08:19	2°♑08'34		
	-9520 Mar 08 j 14:28	0°♒		
evening max el	-9520 Mar 22 j 01:20	16°♒59'11	26°10'47	
desc. node	-9520 Apr 04 j 04:38	24°♒16'12		
retrograde	-9520 Apr 05 j 04:32	24°♒18'40		
evening set	-9520 Apr 11 j 01:31	22°♒52'46		
min. Earth dist.	-9520 Apr 15 j 14:36	20°♒03'26	0.58978 AU	
inferior conj	-9520 Apr 18 j 22:37	17°♒30'21	-3°11'14	
minimum elong	-9520 Apr 18 j 19:13	17°♒36'54	3°11'08	
morning rise	-9520 Apr 26 j 15:49	12°♒59'34		
direct	-9520 Apr 29 j 01:44	12°♒39'18		
morning max el	-9520 May 06 j 20:40	16°♒23'03	18°30'09	
asc. node	-9520 May 15 j 18:04	28°♒38'19		
	-9520 May 16 j 12:54	0°♓		
morning set	-9520 May 23 j 01:04	12°♓04'56		
superior conj	-9520 Jun 01 j 07:37	29°♓40'42	1°47'32	
minimum elong	-9520 Jun 01 j 06:04	29°♓33'33	1°47'25	
	-9520 Jun 01 j 11:47	0°♈		
max. Earth dist.	-9520 Jun 08 j 12:32	12°♈37'15	1.39896 AU	
evening rise	-9520 Jun 13 j 00:53	20°♈19'39		
	-9520 Jun 18 j 23:06	0°♉		
desc. node	-9520 Jul 01 j 01:56	18°♉22'03		
	-9520 Jul 09 j 13:35	0°♊		
evening max el	-9520 Jul 17 j 21:42	9°♊44'10	23°31'12	
retrograde	-9520 Jul 28 j 08:53	15°♊56'10		
evening set	-9520 Aug 02 j 11:31	13°♊45'51		
inferior conj	-9520 Aug 07 j 17:12	7°♊30'16	-1°17'13	
minimum elong	-9520 Aug 07 j 18:48	7°♊24'48	1°16'07	
min. Earth dist.	-9520 Aug 07 j 09:51	7°♊55'33	0.67231 AU	
asc. node	-9520 Aug 11 j 18:40	2°♊27'15		
morning rise	-9520 Aug 13 j 01:59	1°♊17'14		
	-9520 Aug 15 j 09:21	30°℞♉		
direct	-9520 Aug 17 j 04:53	29°♉41'59		
	-9520 Aug 19 j 02:13	0°♊		
morning max el	-9520 Aug 25 j 21:33	4°♊53'07	21°21'18	
	-9520 Sep 13 j 14:48	0°♋		
morning set	-9520 Sep 25 j 10:29	18°♋06'00		
desc. node	-9520 Sep 27 j 00:22	20°♋35'29		
	-9520 Oct 02 j 20:48	0°♌		
max. Earth dist.	-9520 Oct 03 j 09:31	0°♌52'04	1.42396 AU	
superior conj	-9520 Oct 10 j 11:05	12°♌41'32	-1°15'47	
minimum elong	-9520 Oct 10 j 06:16	12°♌20'57	1°14'51	
	-9520 Oct 20 j 07:07	0°♍		
evening rise	-9520 Oct 21 j 19:08	2°♍42'16		
evening max el	-9520 Nov 07 j 09:29	28°♍57'46	18°07'46	
asc. node	-9520 Nov 07 j 17:31	29°♍17'24		
	-9520 Nov 08 j 12:18	0°♎		
retrograde	-9520 Nov 14 j 04:47	2°♎29'25		
evening set	-9520 Nov 16 j 18:55	1°♎58'55		
	-9520 Nov 20 j 03:02	30°℞♍		
inferior conj	-9520 Nov 23 j 14:09	26°♍55'30	3°54'55	
minimum elong	-9520 Nov 23 j 11:03	27°♍02'54	3°54'33	
min. Earth dist.	-9520 Nov 26 j 11:57	24°♍09'04	0.61587 AU	
morning rise	-9520 Nov 30 j 02:05	21°♍13'45		
direct	-9520 Dec 07 j 03:19	18°♍47'51		
morning max el	-9520 Dec 21 j 01:10	26°♍19'07	27°30'16	
desc. node	-9520 Dec 24 j 01:34	29°♍26'48		
	-9520 Dec 24 j 13:30	0°♎		
	-9519 Jan 13 j 21:52	0°♏		
morning set	-9519 Jan 22 j 12:41	16°♏35'36		
max. Earth dist.	-9519 Jan 28 j 15:04	29°♏30'10	1.32905 AU	
	-9519 Jan 28 j 20:34	0°♐		
superior conj	-9519 Jan 29 j 18:24	1°♐58'33	-0°46'20	
minimum elong	-9519 Jan 29 j 20:12	2°♐08'17	0°46'28	
asc. node	-9519 Feb 03 j 15:27	12°♐33'17		
evening rise	-9519 Feb 05 j 19:01	17°♐07'09		
	-9519 Feb 12 j 05:53	0°♑		
evening max el	-9519 Mar 03 j 20:28	28°♑06'51	24°52'08	
	-9519 Mar 05 j 23:14	0°♒		
retrograde	-9519 Mar 17 j 19:37	5°♒09'02		
desc. node	-9519 Mar 22 j 01:48	4°♒27'26		
evening set	-9519 Mar 22 j 14:12	4°♒16'56		
min. Earth dist.	-9519 Mar 28 j 09:36	1°♒15'12	0.57171 AU	
	-9519 Mar 30 j 07:09	30°℞♑		
inferior conj	-9519 Mar 31 j 05:24	29°♑22'45	-2°13'12	
minimum elong	-9519 Mar 31 j 01:14	29°♑29'44	2°12'39	
morning rise	-9519 Apr 08 j 15:24	25°♑09'53		
direct	-9519 Apr 10 j 22:15	24°♑54'43		
morning max el	-9519 Apr 19 j 23:18	29°♑10'11	19°14'07	
	-9519 Apr 20 j 19:34	0°♒		
asc. node	-9519 May 02 j 14:57	17°♒51'37		
morning set	-9519 May 06 j 21:34	26°♒08'13		
	-9519 May 08 j 20:17	0°♓		
superior conj	-9519 May 15 j 07:54	12°♓47'17	1°36'44	
minimum elong	-9519 May 15 j 05:08	12°♓33'53	1°36'16	
max. Earth dist.	-9519 May 21 j 13:21	24°♓31'55	1.38021 AU	
	-9519 May 24 j 14:09	0°♈		
evening rise	-9519 May 25 j 12:29	1°♈38'40		
	-9519 Jun 12 j 03:45	0°♉		
desc. node	-9519 Jun 17 j 23:20	8°♉13'28		
evening max el	-9519 Jun 30 j 07:55	23°♉07'27	24°51'32	
retrograde	-9519 Jul 11 j 21:27	29°♉54'48		
evening set	-9519 Jul 17 j 15:08	27°♉25'20		
min. Earth dist.	-9519 Jul 22 j 03:39	22°♉11'59	0.66946 AU	
inferior conj	-9519 Jul 22 j 22:19	21°♉09'43	-2°02'11	
minimum elong	-9519 Jul 23 j 00:39	21°♉01'57	2°01'01	
morning rise	-9519 Jul 28 j 10:07	15°♉05'07		
asc. node	-9519 Jul 29 j 15:35	14°♉21'27		
direct	-9519 Aug 01 j 02:16	13°♉47'02		
morning max el	-9519 Aug 08 j 20:14	18°♉19'23	20°10'14	
	-9519 Aug 17 j 23:50	0°♊		
morning set	-9519 Sep 04 j 12:12	26°♊29'53		
	-9519 Sep 06 j 18:10	0°♋		
desc. node	-9519 Sep 13 j 21:22	11°♋13'57		
max. Earth dist.	-9519 Sep 15 j 20:49	14°♋23'16	1.43773 AU	
superior conj	-9519 Sep 20 j 21:17	22°♋29'55	-0°41'53	
minimum elong	-9519 Sep 20 j 17:05	22°♋12'48	0°40'50	
	-9519 Sep 25 j 10:32	0°♌		
evening rise	-9519 Oct 04 j 03:06	14°♌42'56		
	-9519 Oct 13 j 03:08	0°♍		
evening max el	-9519 Oct 21 j 22:38	12°♍16'41	18°13'50	
asc. node	-9519 Oct 25 j 14:46	15°♍06'17		
retrograde	-9519 Oct 28 j 13:01	15°♍50'30		
evening set	-9519 Oct 31 j 06:24	15°♍12'15		
inferior conj	-9519 Nov 06 j 15:06	9°♍49'06	3°19'51	
minimum elong	-9519 Nov 06 j 11:26	9°♍58'58	3°19'14	
min. Earth dist.	-9519 Nov 09 j 00:17	7°♍15'42	0.63285 AU	
morning rise	-9519 Nov 12 j 15:44	3°♍53'27		
direct	-9519 Nov 19 j 16:36	1°♍10'34		
morning max el	-9519 Dec 03 j 08:11	8°♍44'54	27°33'50	
desc. node	-9519 Dec 10 j 22:17	17°♍18'45		
	-9519 Dec 19 j 23:40	0°♎		
	-9518 Jan 06 j 01:17	0°♏		
morning set	-9518 Jan 06 j 12:58	0°♏58'14		
max. Earth dist.	-9518 Jan 11 j 22:08	12°♏04'26	1.33420 AU	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9518 Jan 14 j 03:31	16°♑49'05	-1°06'27	
minimum elong	-9518 Jan 14 j 05:47	17°♑01'16	1°06'29	
	-9518 Jan 20 j 06:53	0°♐		
evening rise	-9518 Jan 21 j 06:22	2°♐03'52		
asc. node	-9518 Jan 21 j 12:40	2°♐36'52		
	-9518 Feb 05 j 22:19	0°♑		
evening max el	-9518 Feb 13 j 13:31	8°♑57'01	23°19'51	
retrograde	-9518 Feb 26 j 22:04	15°♑29'07		
evening set	-9518 Mar 02 j 14:02	14°♑59'41		
desc. node	-9518 Mar 08 j 22:54	12°♑12'23		
min. Earth dist.	-9518 Mar 10 j 01:25	11°♑34'04	0.55881 AU	
inferior conj	-9518 Mar 11 j 16:53	10°♑35'37	-0°42'55	
minimum elong	-9518 Mar 11 j 15:04	10°♑38'19	0°42'54	
morning rise	-9518 Mar 20 j 18:25	6°♑33'40		
direct	-9518 Mar 23 j 00:53	6°♑20'56		
morning max el	-9518 Apr 02 j 16:29	11°♑21'53	20°17'54	
	-9518 Apr 15 j 15:01	0°♒		
asc. node	-9518 Apr 19 j 11:53	7°♒29'00		
morning set	-9518 Apr 21 j 01:27	10°♒38'04		
superior conj	-9518 Apr 28 j 21:21	26°♒36'45	1°19'56	
minimum elong	-9518 Apr 28 j 18:26	26°♒22'00	1°19'11	
	-9518 Apr 30 j 13:57	0°♓		
max. Earth dist.	-9518 May 03 j 18:37	6°♓15'33	1.36316 AU	
evening rise	-9518 May 07 j 22:53	14°♓08'11		
	-9518 May 17 j 00:50	0°♈		
desc. node	-9518 Jun 04 j 20:44	27°♈35'17		
	-9518 Jun 06 j 19:47	0°♉		
evening max el	-9518 Jun 12 j 17:55	6°♉31'39	26°02'31	
retrograde	-9518 Jun 25 j 05:36	13°♉44'40		
evening set	-9518 Jul 01 j 13:17	11°♉01'15		
min. Earth dist.	-9518 Jul 05 j 17:02	6°♉27'03	0.66308 AU	
inferior conj	-9518 Jul 07 j 00:20	4°♉47'46	-2°41'36	
minimum elong	-9518 Jul 07 j 03:02	4°♉39'14	2°40'37	
	-9518 Jul 11 j 06:31	30°℞♈		
morning rise	-9518 Jul 12 j 16:52	28°♈54'46		
direct	-9518 Jul 16 j 00:15	27°♈51'38		
asc. node	-9518 Jul 16 j 12:29	27°♈53'05		
	-9518 Jul 21 j 00:20	0°♉		
morning max el	-9518 Jul 23 j 01:28	1°♉52'46	19°12'43	
	-9518 Aug 11 j 13:14	0°♊		
morning set	-9518 Aug 14 j 22:24	5°♊20'27		
max. Earth dist.	-9518 Aug 29 j 12:37	28°♊22'13	1.44521 AU	
	-9518 Aug 30 j 13:19	0°♋		
superior conj	-9518 Aug 31 j 06:13	1°♋06'59	0°03'07	
minimum elong	-9518 Aug 31 j 06:40	1°♋08'47	0°03'38	
behind sun begin	-9518 Aug 30 j 19:33	0°♋24'42		
behind sun end	-9518 Aug 31 j 17:47	1°♋52'53		
desc. node	-9518 Aug 31 j 18:25	1°♋55'24		
evening rise	-9518 Sep 15 j 12:19	25°♋40'46		
	-9518 Sep 18 j 03:38	0°♌		
evening max el	-9518 Oct 05 j 11:29	25°♌42'41	18°38'04	
retrograde	-9518 Oct 12 j 04:32	29°♌27'40		
asc. node	-9518 Oct 12 j 11:57	29°♌27'07		
evening set	-9518 Oct 15 j 03:11	28°♌39'15		
inferior conj	-9518 Oct 21 j 03:00	22°♌59'36	2°35'19	
minimum elong	-9518 Oct 20 j 23:44	23°♌09'18	2°34'41	
min. Earth dist.	-9518 Oct 22 j 22:46	20°♌50'21	0.64689 AU	
morning rise	-9518 Oct 26 j 19:45	16°♌52'50		
direct	-9518 Nov 02 j 12:42	14°♌06'37		
morning max el	-9518 Nov 15 j 18:02	21°♌39'02	27°04'32	
	-9518 Nov 23 j 03:46	0°♍		
desc. node	-9518 Nov 27 j 19:02	6°♍06'27		
	-9518 Dec 13 j 02:21	0°♎		
morning set	-9518 Dec 21 j 03:58	14°♎49'04		
max. Earth dist.	-9518 Dec 25 j 20:27	24°♎08'27	1.34340 AU	
	-9518 Dec 28 j 16:31	0°♏		
superior conj	-9518 Dec 29 j 08:28	1°♏23'29	-1°23'31	
minimum elong	-9518 Dec 29 j 10:48	1°♏35'40	1°23'31	
evening rise	-9517 Jan 05 j 16:44	16°♏53'02		
asc. node	-9517 Jan 08 j 09:54	22°♏26'41		
	-9517 Jan 12 j 07:53	0°♐		
evening max el	-9517 Jan 26 j 10:05	19°♐55'00	21°47'34	
retrograde	-9517 Feb 07 j 14:43	25°♐43'22		
evening set	-9517 Feb 10 j 12:11	25°♐24'37		
inferior conj	-9517 Feb 19 j 15:36	21°♐21'16	1°05'43	
minimum elong	-9517 Feb 19 j 18:27	21°♐17'13	1°04'14	
min. Earth dist.	-9517 Feb 19 j 16:04	21°♐20'36	0.55377 AU	
desc. node	-9517 Feb 23 j 19:55	19°♐05'51		
morning rise	-9517 Mar 01 j 01:00	17°♐15'41		
direct	-9517 Mar 03 j 15:55	17°♐00'16		
morning max el	-9517 Mar 15 j 22:43	22°♐53'41	21°39'41	
	-9517 Mar 22 j 01:34	0°♑		
morning set	-9517 Apr 05 j 10:14	25°♑27'00		
asc. node	-9517 Apr 06 j 08:51	27°♑24'14		
	-9517 Apr 07 j 14:40	0°♒		
superior conj	-9517 Apr 12 j 20:08	10°♒57'48	0°59'22	
minimum elong	-9517 Apr 12 j 17:43	10°♒45'13	0°58'30	
max. Earth dist.	-9517 Apr 16 j 08:53	18°♒12'58	1.34922 AU	
evening rise	-9517 Apr 21 j 02:25	27°♒32'31		
	-9517 Apr 22 j 09:26	0°♓		
	-9517 May 10 j 07:05	0°♈		
desc. node	-9517 May 22 j 18:06	16°♈15'13		
evening max el	-9517 May 26 j 04:37	19°♈51'50	26°55'43	
retrograde	-9517 Jun 08 j 08:55	27°♈19'20		
evening set	-9517 Jun 15 j 03:30	24°♈31'05		
min. Earth dist.	-9517 Jun 18 j 23:55	20°♈35'24	0.65285 AU	
inferior conj	-9517 Jun 20 j 21:11	18°♈21'58	-3°13'31	
minimum elong	-9517 Jun 20 j 23:43	18°♈14'29	3°12'54	
morning rise	-9517 Jun 26 j 20:15	12°♈43'17		
direct	-9517 Jun 29 j 20:47	11°♈52'40		
asc. node	-9517 Jul 03 j 09:23	12°♈58'38		
morning max el	-9517 Jul 06 j 11:52	15°♈31'29	18°31'04	
	-9517 Jul 16 j 22:46	0°♉		
morning set	-9517 Jul 26 j 07:26	15°♉15'25		
	-9517 Aug 04 j 09:24	0°♊		
superior conj	-9517 Aug 10 j 05:48	9°♊20'11	0°49'19	
minimum elong	-9517 Aug 10 j 11:24	9°♊42'24	0°49'11	
max. Earth dist.	-9517 Aug 12 j 05:27	12°♊29'02	1.44567 AU	
desc. node	-9517 Aug 18 j 15:30	22°♊36'43		
	-9517 Aug 23 j 08:07	0°♋		
evening rise	-9517 Aug 26 j 18:49	5°♋25'41		
greatest brilliancy	-9517 Sep 04 j 21:47	19°♋44'53	-0.8m	
	-9517 Sep 11 j 16:38	0°♌		
evening max el	-9517 Sep 18 j 21:23	9°♌10'53	19°19'17	
retrograde	-9517 Sep 25 j 23:56	13°♌15'24		
evening set	-9517 Sep 29 j 06:12	12°♌13'47		
asc. node	-9517 Sep 29 j 09:08	12°♌09'05		
inferior conj	-9517 Oct 04 j 22:50	6°♌20'55	1°45'31	
minimum elong	-9517 Oct 04 j 20:28	6°♌28'26	1°45'08	
min. Earth dist.	-9517 Oct 06 j 06:01	4°♌41'54	0.65783 AU	
morning rise	-9517 Oct 10 j 10:23	0°♌06'29		
	-9517 Oct 10 j 13:25	30°℞♋		
direct	-9517 Oct 16 j 15:02	27°♋27'43		
	-9517 Oct 23 j 12:18	0°♌		
morning max el	-9517 Oct 29 j 04:03	4°♌47'44	26°08'28	
desc. node	-9517 Nov 14 j 15:43	25°♌32'49		
	-9517 Nov 17 j 15:30	0°♍		
morning set	-9517 Dec 04 j 05:32	27°♍54'41		
	-9517 Dec 05 j 08:23	0°♎		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9517 Dec 08 j 07:26	5°♎39'22	1.35697 AU
superior conj	-9517 Dec 13 j 06:46	15°♎32'57	-1°36'16
minimum elong	-9517 Dec 13 j 08:33	15°♎42'03	1°36'15
	-9517 Dec 20 j 07:08	0°♏	
evening rise	-9517 Dec 21 j 00:14	1°♏27'46	
asc. node	-9517 Dec 26 j 07:10	11°♏56'03	
	-9516 Jan 07 j 06:58	0°♐	
evening max el	-9516 Jan 08 j 14:57	1°♐19'38	20°26'04
retrograde	-9516 Jan 19 j 05:54	6°♐18'55	
evening set	-9516 Jan 21 j 19:39	6°♐02'36	
inferior conj	-9516 Jan 30 j 14:00	2°♐03'38	2°44'13
minimum elong	-9516 Jan 30 j 19:38	1°♐55'15	2°42'18
min. Earth dist.	-9516 Feb 01 j 06:09	1°♐04'02	0.55768 AU
	-9516 Feb 03 j 03:05	30°℞♏	
morning rise	-9516 Feb 08 j 17:53	27°♏38'40	
desc. node	-9516 Feb 10 j 16:52	27°♏16'19	
direct	-9516 Feb 12 j 07:52	27°♏10'24	
	-9516 Feb 21 j 00:14	0°♐	
morning max el	-9516 Feb 25 j 18:51	3°♐49'09	23°14'08
	-9516 Mar 14 j 17:04	0°♑	
morning set	-9516 Mar 19 j 21:45	10°♑26'59	
asc. node	-9516 Mar 23 j 05:49	17°♑30'57	
superior conj	-9516 Mar 27 j 01:13	25°♑39'55	0°36'38
minimum elong	-9516 Mar 26 j 23:40	25°♑31'39	0°35'48
	-9516 Mar 29 j 02:18	0°♒	
max. Earth dist.	-9516 Mar 29 j 09:08	0°♒35'56	1.33883 AU
evening rise	-9516 Apr 03 j 18:11	11°♒35'50	
	-9516 Apr 13 j 16:55	0°♓	
	-9516 May 04 j 18:18	0°♈	
evening max el	-9516 May 07 j 15:13	2°♈58'00	27°23'43
desc. node	-9516 May 08 j 15:27	3°♈55'24	
retrograde	-9516 May 21 j 06:42	10°♈30'03	
evening set	-9516 May 28 j 06:45	7°♈49'32	
min. Earth dist.	-9516 May 31 j 22:33	4°♈27'39	0.63865 AU
inferior conj	-9516 Jun 03 j 10:18	1°♈47'32	-3°35'14
minimum elong	-9516 Jun 03 j 11:59	1°♈43'00	3°35'06
	-9516 Jun 05 j 03:20	30°℞♓	
morning rise	-9516 Jun 09 j 17:58	26°♓25'40	
direct	-9516 Jun 12 j 13:23	25°♓45'23	
morning max el	-9516 Jun 19 j 01:16	29°♓11'10	18°06'51
asc. node	-9516 Jun 19 j 06:14	29°♓23'42	
	-9516 Jun 19 j 20:00	0°♈	
morning set	-9516 Jul 06 j 18:13	26°♈22'57	
	-9516 Jul 08 j 20:56	0°♉	
superior conj	-9516 Jul 19 j 18:35	18°♉13'55	1°25'02
minimum elong	-9516 Jul 20 j 00:44	18°♉38'59	1°24'53
max. Earth dist.	-9516 Jul 24 j 20:38	26°♉27'15	1.43916 AU
	-9516 Jul 27 j 02:00	0°♊	
desc. node	-9516 Aug 04 j 12:40	13°♊15'09	
evening rise	-9516 Aug 05 j 02:23	14°♊08'22	
	-9516 Aug 15 j 10:54	0°♋	
evening max el	-9516 Sep 01 j 02:10	22°♋38'35	20°15'49
retrograde	-9516 Sep 08 j 20:40	27°♋10'46	
evening set	-9516 Sep 12 j 12:55	25°♋52'39	
asc. node	-9516 Sep 15 j 06:15	23°♋18'33	
inferior conj	-9516 Sep 18 j 00:08	19°♋49'47	0°53'26
minimum elong	-9516 Sep 17 j 22:55	19°♋53'52	0°53'30
min. Earth dist.	-9516 Sep 18 j 19:51	18°♋43'58	0.66571 AU
morning rise	-9516 Sep 23 j 08:40	13°♋31'16	
direct	-9516 Sep 28 j 22:58	11°♋07'21	
morning max el	-9516 Oct 10 j 13:21	18°♋01'27	24°54'09
	-9516 Oct 20 j 15:53	0°♌	
desc. node	-9516 Oct 31 j 12:25	15°♌26'47	
	-9516 Nov 09 j 16:25	0°♍	
morning set	-9516 Nov 15 j 12:37	10°♍00'42	
max. Earth dist.	-9516 Nov 19 j 08:38	16°♍55'15	1.37451 AU
superior conj	-9516 Nov 25 j 19:18	29°♍08'32	-1°42'58
minimum elong	-9516 Nov 25 j 19:49	29°♍11'05	1°42'53
	-9516 Nov 26 j 05:50	0°♎	
evening rise	-9516 Dec 04 j 02:55	15°♎42'33	
	-9516 Dec 11 j 15:06	0°♏	
asc. node	-9516 Dec 12 j 04:25	0°♏57'41	
evening max el	-9516 Dec 21 j 06:02	13°♏18'36	19°21'41
retrograde	-9516 Dec 30 j 07:38	17°♏36'18	
evening set	-9515 Jan 01 j 19:55	17°♏18'02	
inferior conj	-9515 Jan 10 j 00:41	13°♏07'58	3°48'43
minimum elong	-9515 Jan 10 j 04:54	13°♏00'55	3°47'45
min. Earth dist.	-9515 Jan 12 j 20:06	11°♏16'09	0.56948 AU
morning rise	-9515 Jan 18 j 11:38	8°♏17'39	
direct	-9515 Jan 23 j 09:49	7°♏22'01	
desc. node	-9515 Jan 27 j 13:46	8°♏02'20	
morning max el	-9515 Feb 06 j 09:40	14°♏28'21	24°50'40
	-9515 Feb 18 j 15:12	0°♐	
morning set	-9515 Mar 04 j 10:13	25°♐31'46	
	-9515 Mar 06 j 12:48	0°♑	
asc. node	-9515 Mar 10 j 02:49	7°♑44'46	
superior conj	-9515 Mar 11 j 10:20	10°♑35'39	0°12'57
minimum elong	-9515 Mar 11 j 09:48	10°♑32'45	0°12'16
behind sun begin	-9515 Mar 11 j 06:36	10°♑15'23	
behind sun end	-9515 Mar 11 j 13:01	10°♑50'08	
max. Earth dist.	-9515 Mar 12 j 17:25	13°♑23'38	1.33191 AU
evening rise	-9515 Mar 18 j 18:30	26°♑06'13	
	-9515 Mar 20 j 17:05	0°♒	
	-9515 Apr 07 j 04:39	0°♓	
evening max el	-9515 Apr 19 j 23:32	15°♓37'58	27°20'51
desc. node	-9515 Apr 25 j 12:48	20°♓10'59	
retrograde	-9515 May 03 j 21:50	23°♓07'56	
evening set	-9515 May 10 j 19:29	20°♓48'40	
min. Earth dist.	-9515 May 14 j 11:51	17°♓50'53	0.62103 AU
inferior conj	-9515 May 17 j 12:36	14°♓57'42	-3°42'43
minimum elong	-9515 May 17 j 12:39	14°♓57'35	3°42'57
morning rise	-9515 May 24 j 07:14	9°♓54'48	
direct	-9515 May 26 j 22:45	9°♓23'10	
morning max el	-9515 Jun 02 j 15:12	12°♓46'03	18°00'56
asc. node	-9515 Jun 06 j 03:04	16°♓52'03	
	-9515 Jun 14 j 07:52	0°♈	
morning set	-9515 Jun 19 j 03:05	8°♈33'56	
superior conj	-9515 Jun 30 j 09:20	28°♈24'08	1°44'49
minimum elong	-9515 Jun 30 j 12:23	28°♈37'11	1°44'54
	-9515 Jul 01 j 07:49	0°♉	
max. Earth dist.	-9515 Jul 07 j 07:48	10°♉00'38	1.42660 AU
evening rise	-9515 Jul 15 j 03:57	22°♉35'00	
	-9515 Jul 19 j 22:33	0°♊	
desc. node	-9515 Jul 22 j 09:56	3°♊46'50	
	-9515 Aug 09 j 18:46	0°♋	
evening max el	-9515 Aug 15 j 00:19	6°♋03'05	21°25'21
retrograde	-9515 Aug 23 j 16:49	11°♋10'49	
evening set	-9515 Aug 27 j 21:13	9°♋33'17	
inferior conj	-9515 Sep 02 j 04:48	3°♋23'15	0°01'12
minimum elong	-9515 Sep 02 j 04:45	3°♋23'24	0°01'45
transit middle	-9515 Sep 02 j 04:45	3°♋23'24	0°01'45
transit begin	-9515 Sep 02 j 02:04	3°♋32'39	
transit end	-9515 Sep 02 j 07:27	3°♋14'09	
asc. node	-9515 Sep 02 j 03:20	3°♋28'17	
min. Earth dist.	-9515 Sep 02 j 13:50	2°♋52'14	0.67062 AU
	-9515 Sep 04 j 17:54	30°℞♊	
morning rise	-9515 Sep 07 j 12:09	27°♊04'17	
direct	-9515 Sep 12 j 11:48	24°♊59'01	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9515 Sep 21 j 16:13	0°♋	
morning max el	-9515 Sep 22 j 23:16	1°♋16'08	23°30'46
	-9515 Oct 14 j 16:16	0°♌	
desc. node	-9515 Oct 18 j 09:11	5°♌39'48	
morning set	-9515 Oct 27 j 19:35	20°♌52'32	
max. Earth dist.	-9515 Nov 01 j 06:25	28°♌29'19	1.39439 AU
	-9515 Nov 02 j 03:09	0°♍	
superior conj	-9515 Nov 08 j 17:53	11°♍57'57	-1°41'26
minimum elong	-9515 Nov 08 j 16:22	11°♍50'56	1°41'07
evening rise	-9515 Nov 17 j 22:20	29°♍30'44	
	-9515 Nov 18 j 04:24	0°♎	
asc. node	-9515 Nov 29 j 01:42	19°♎22'09	
evening max el	-9515 Dec 04 j 06:29	25°♎48'53	18°37'06
retrograde	-9515 Dec 12 j 03:13	29°♎38'51	
evening set	-9515 Dec 14 j 15:28	29°♎16'49	
inferior conj	-9515 Dec 22 j 06:14	24°♎47'05	4°14'10
minimum elong	-9515 Dec 22 j 06:57	24°♎45'41	4°13'58
min. Earth dist.	-9515 Dec 25 j 12:09	22°♎17'54	0.58635 AU
morning rise	-9515 Dec 29 j 20:34	19°♎33'30	
direct	-9514 Jan 04 j 23:24	18°♎00'29	
desc. node	-9514 Jan 14 j 10:34	21°♎28'27	
morning max el	-9514 Jan 19 j 02:02	25°♎20'30	26°14'42
	-9514 Jan 23 j 10:41	0°♏	
	-9514 Feb 11 j 15:45	0°♐	
morning set	-9514 Feb 16 j 21:55	10°♐35'10	
superior conj	-9514 Feb 23 j 21:39	25°♐38'35	-0°10'48
minimum elong	-9514 Feb 23 j 22:08	25°♐41'12	0°11'16
behind sun begin	-9514 Feb 23 j 18:37	25°♐21'59	
behind sun end	-9514 Feb 24 j 01:39	26°♐00'26	
max. Earth dist.	-9514 Feb 24 j 06:17	26°♐25'43	1.32821 AU
asc. node	-9514 Feb 24 j 23:54	28°♐01'43	
	-9514 Feb 25 j 21:38	0°♑	
evening rise	-9514 Mar 03 j 00:33	10°♑54'09	
	-9514 Mar 12 j 23:56	0°♒	
evening max el	-9514 Apr 02 j 03:06	27°♒41'51	26°45'09
	-9514 Apr 04 j 16:57	0°♓	
desc. node	-9514 Apr 12 j 10:07	4°♓29'59	
retrograde	-9514 Apr 16 j 05:08	5°♓06'18	
evening set	-9514 Apr 22 j 14:22	3°♓19'13	
min. Earth dist.	-9514 Apr 26 j 16:14	0°♓31'32	0.60126 AU
	-9514 Apr 27 j 07:53	30°℞♒	
inferior conj	-9514 Apr 30 j 00:38	27°♒44'38	-3°30'17
minimum elong	-9514 Apr 29 j 22:27	27°♒49'12	3°30'26
morning rise	-9514 May 07 j 08:52	23°♒02'20	
direct	-9514 May 09 j 21:00	22°♒38'09	
morning max el	-9514 May 17 j 03:05	26°♒09'57	18°13'58
	-9514 May 20 j 11:27	0°♓	
asc. node	-9514 May 23 j 23:54	5°♓10'07	
morning set	-9514 Jun 02 j 05:09	21°♓37'00	
	-9514 Jun 06 j 16:42	0°♈	
superior conj	-9514 Jun 12 j 02:32	9°♈54'13	1°49'54
minimum elong	-9514 Jun 12 j 02:19	9°♈53'13	1°49'56
max. Earth dist.	-9514 Jun 19 j 13:17	22°♈55'12	1.40970 AU
	-9514 Jun 23 j 19:03	0°♉	
evening rise	-9514 Jun 24 j 21:21	1°♉47'35	
desc. node	-9514 Jul 09 j 07:18	24°♉07'44	
	-9514 Jul 13 j 08:35	0°♊	
evening max el	-9514 Jul 28 j 15:58	19°♊24'46	22°43'56
retrograde	-9514 Aug 07 j 10:57	25°♊13'19	
evening set	-9514 Aug 12 j 05:13	23°♊14'44	
inferior conj	-9514 Aug 17 j 11:02	17°♊00'18	-0°49'25
minimum elong	-9514 Aug 17 j 12:04	16°♊56'41	0°48'28
min. Earth dist.	-9514 Aug 17 j 09:40	17°♊05'00	0.67258 AU
asc. node	-9514 Aug 20 j 00:22	13°♊36'18	
morning rise	-9514 Aug 22 j 18:51	10°♊44'16	
direct	-9514 Aug 27 j 04:47	8°♊58'31	
morning max el	-9514 Sep 05 j 12:32	14°♊33'37	22°06'55
	-9514 Sep 17 j 19:03	0°♋	
desc. node	-9514 Oct 05 j 06:00	26°♋06'16	
morning set	-9514 Oct 07 j 23:28	0°♌26'09	
	-9514 Oct 07 j 16:55	0°♌	
max. Earth dist.	-9514 Oct 14 j 07:35	10°♌47'53	1.41396 AU
superior conj	-9514 Oct 21 j 21:11	23°♌47'14	-1°28'56
minimum elong	-9514 Oct 21 j 17:20	23°♌30'15	1°28'15
	-9514 Oct 25 j 08:41	0°♍	
evening rise	-9514 Nov 01 j 07:23	12°♍45'15	
	-9514 Nov 11 j 00:18	0°♎	
asc. node	-9514 Nov 15 j 23:00	6°♎58'01	
evening max el	-9514 Nov 17 j 14:05	8°♎43'58	18°12'45
retrograde	-9514 Nov 24 j 16:08	12°♎19'22	
evening set	-9514 Nov 27 j 05:05	11°♎52'29	
inferior conj	-9514 Dec 04 j 07:01	7°♎01'01	4°08'22
minimum elong	-9514 Dec 04 j 04:53	7°♎05'46	4°08'10
min. Earth dist.	-9514 Dec 07 j 10:10	4°♎14'48	0.60517 AU
morning rise	-9514 Dec 11 j 03:17	1°♎28'13	
	-9514 Dec 14 j 03:03	30°℞♍	
direct	-9514 Dec 17 j 23:39	29°♍18'49	
	-9514 Dec 21 j 23:11	0°♎	
morning max el	-9513 Jan 01 j 00:22	6°♎47'09	27°12'24
desc. node	-9513 Jan 01 j 07:19	7°♎04'02	
	-9513 Jan 18 j 13:50	0°♏	
morning set	-9513 Feb 01 j 06:56	25°♏29'25	
	-9513 Feb 03 j 10:34	0°♐	
superior conj	-9513 Feb 08 j 09:27	10°♐41'52	-0°33'46
minimum elong	-9513 Feb 08 j 10:49	10°♐49'22	0°34'01
max. Earth dist.	-9513 Feb 07 j 19:50	9°♐27'34	1.32773 AU
asc. node	-9513 Feb 11 j 21:01	18°♐17'06	
evening rise	-9513 Feb 15 j 10:05	25°♐50'52	
	-9513 Feb 17 j 10:19	0°♑	
	-9513 Mar 07 j 02:34	0°♒	
evening max el	-9513 Mar 15 j 00:44	9°♒06'46	25°39'46
retrograde	-9513 Mar 29 j 03:02	16°♒20'45	
desc. node	-9513 Mar 30 j 07:21	16°♒17'22	
evening set	-9513 Apr 03 j 13:37	15°♒09'48	
min. Earth dist.	-9513 Apr 08 j 13:43	12°♒16'54	0.58164 AU
inferior conj	-9513 Apr 11 j 18:45	9°♒58'34	-2°50'43
minimum elong	-9513 Apr 11 j 14:44	10°♒05'51	2°50'23
morning rise	-9513 Apr 19 j 19:03	5°♒36'21	
direct	-9513 Apr 22 j 03:36	5°♒18'31	
morning max el	-9513 Apr 30 j 10:00	9°♒13'33	18°46'30
asc. node	-9513 May 10 j 20:46	24°♒05'44	
	-9513 May 14 j 01:19	0°♓	
morning set	-9513 May 16 j 19:56	5°♓20'33	
superior conj	-9513 May 25 j 17:04	22°♓29'57	1°43'52
minimum elong	-9513 May 25 j 14:51	22°♓19'28	1°43'36
	-9513 May 29 j 18:02	0°♈	
max. Earth dist.	-9513 Jun 01 j 14:00	5°♈05'55	1.39084 AU
evening rise	-9513 Jun 05 j 17:26	12°♈19'09	
	-9513 Jun 16 j 14:21	0°♉	
desc. node	-9513 Jun 26 j 04:43	14°♉11'55	
	-9513 Jul 08 j 12:32	0°♊	
evening max el	-9513 Jul 11 j 03:08	2°♊45'52	24°05'55
retrograde	-9513 Jul 22 j 01:58	9°♊14'30	
evening set	-9513 Jul 27 j 11:02	6°♊55'24	
min. Earth dist.	-9513 Aug 01 j 04:56	1°♊20'32	0.67147 AU
inferior conj	-9513 Aug 01 j 17:04	0°♊39'16	-1°36'54
minimum elong	-9513 Aug 01 j 19:00	0°♊32'40	1°35'44
	-9513 Aug 02 j 04:38	30°℞♉	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9513 Aug 06 j 21:21	24°♉40'17	
morning rise	-9513 Aug 07 j 02:56	24°♉29'31	
direct	-9513 Aug 11 j 00:54	23°♉02'03	
morning max el	-9513 Aug 19 j 07:28	27°♉56'17	20°49'39
	-9513 Aug 21 j 04:47	0°♊	
	-9513 Sep 11 j 09:33	0°♋	
morning set	-9513 Sep 17 j 05:58	9°♋01'51	
desc. node	-9513 Sep 22 j 02:56	16°♋41'42	
max. Earth dist.	-9513 Sep 26 j 14:52	23°♋54'16	1.43042 AU
	-9513 Sep 30 j 08:21	0°♌	
superior conj	-9513 Oct 02 j 23:29	4°♌22'23	-1°03'05
minimum elong	-9513 Oct 02 j 18:28	4°♌01'23	1°02'02
evening rise	-9513 Oct 15 j 02:00	25°♌16'45	
	-9513 Oct 17 j 18:07	0°♍	
evening max el	-9513 Nov 01 j 02:05	21°♍56'53	18°08'03
asc. node	-9513 Nov 02 j 20:17	23°♍31'13	
retrograde	-9513 Nov 07 j 18:31	25°♍28'35	
evening set	-9513 Nov 10 j 09:40	24°♍55'13	
inferior conj	-9513 Nov 17 j 00:14	19°♍43'14	3°41'34
minimum elong	-9513 Nov 16 j 20:45	19°♍52'01	3°41'05
min. Earth dist.	-9513 Nov 19 j 17:03	17°♍00'15	0.62335 AU
morning rise	-9513 Nov 23 j 06:51	13°♍54'55	
direct	-9513 Nov 30 j 08:58	11°♍19'51	
morning max el	-9513 Dec 14 j 04:53	18°♍53'47	27°36'03
desc. node	-9513 Dec 19 j 04:02	24°♍14'59	
	-9513 Dec 23 j 17:38	0°♎	
	-9512 Jan 11 j 07:20	0°♏	
morning set	-9512 Jan 16 j 11:10	10°♏06'46	
max. Earth dist.	-9512 Jan 22 j 06:14	22°♏15'24	1.33074 AU
superior conj	-9512 Jan 23 j 20:05	25°♏39'32	-0°55'10
minimum elong	-9512 Jan 23 j 22:07	25°♏50'33	0°55'16
	-9512 Jan 25 j 20:08	0°♐	
asc. node	-9512 Jan 29 j 18:13	8°♐26'38	
evening rise	-9512 Jan 30 j 21:17	10°♐49'44	
	-9512 Feb 09 j 20:09	0°♑	
evening max el	-9512 Feb 24 j 18:17	20°♑04'09	24°13'42
retrograde	-9512 Mar 09 j 13:15	26°♑56'03	
evening set	-9512 Mar 13 j 19:44	26°♑15'16	
desc. node	-9512 Mar 16 j 04:28	25°♑20'18	
min. Earth dist.	-9512 Mar 20 j 07:19	23°♑04'34	0.56538 AU
inferior conj	-9512 Mar 22 j 16:59	21°♑33'48	-1°38'26
minimum elong	-9512 Mar 22 j 13:23	21°♑39'30	1°37'57
morning rise	-9512 Mar 31 j 10:05	17°♑26'54	
direct	-9512 Apr 02 j 15:52	17°♑13'21	
morning max el	-9512 Apr 12 j 08:59	21°♑47'00	19°38'52
	-9512 Apr 19 j 00:31	0°♒	
asc. node	-9512 Apr 26 j 17:39	13°♒29'58	
morning set	-9512 Apr 29 j 19:51	19°♒35'37	
	-9512 May 04 j 23:56	0°♓	
superior conj	-9512 May 07 j 23:28	5°♓56'08	1°30'12
minimum elong	-9512 May 07 j 20:32	5°♓41'39	1°29'35
max. Earth dist.	-9512 May 13 j 15:24	16°♓50'01	1.37261 AU
evening rise	-9512 May 17 j 15:24	24°♓09'59	
	-9512 May 20 j 22:53	0°♈	
	-9512 Jun 09 j 05:29	0°♉	
desc. node	-9512 Jun 12 j 02:07	3°♉51'57	
evening max el	-9512 Jun 22 j 12:54	16°♉09'19	25°23'28
retrograde	-9512 Jul 04 j 12:52	23°♉09'42	
evening set	-9512 Jul 10 j 12:35	20°♉33'33	
min. Earth dist.	-9512 Jul 14 j 21:15	15°♉36'28	0.66712 AU
inferior conj	-9512 Jul 15 j 21:05	14°♉18'19	-2°19'44
minimum elong	-9512 Jul 15 j 23:37	14°♉10'01	2°18'37
morning rise	-9512 Jul 21 j 10:40	8°♉18'05	
asc. node	-9512 Jul 23 j 18:17	7°♉14'47	
direct	-9512 Jul 24 j 22:45	7°♉06'43	
morning max el	-9512 Aug 01 j 08:58	11°♉25'15	19°43'53
	-9512 Aug 15 j 00:59	0°♊	
morning set	-9512 Aug 26 j 08:42	17°♊29'39	
	-9512 Sep 03 j 08:15	0°♋	
desc. node	-9512 Sep 07 j 23:56	7°♋21'46	
max. Earth dist.	-9512 Sep 08 j 03:47	7°♋37'04	1.44167 AU
superior conj	-9512 Sep 11 j 21:57	13°♋37'29	-0°23'45
minimum elong	-9512 Sep 11 j 19:18	13°♋26'49	0°22'50
	-9512 Sep 21 j 22:24	0°♌	
evening rise	-9512 Sep 26 j 00:55	6°♌51'57	
	-9512 Oct 10 j 07:48	0°♍	
evening max el	-9512 Oct 14 j 15:29	5°♍19'48	18°22'03
asc. node	-9512 Oct 19 j 17:32	8°♍44'40	
retrograde	-9512 Oct 21 j 06:10	8°♍57'09	
evening set	-9512 Oct 24 j 01:30	8°♍15'01	
inferior conj	-9512 Oct 30 j 06:14	2°♍44'46	3°01'50
minimum elong	-9512 Oct 30 j 02:39	2°♍54'51	3°01'10
min. Earth dist.	-9512 Nov 01 j 09:48	0°♍20'22	0.63922 AU
	-9512 Nov 01 j 17:18	30°℞♌	
morning rise	-9512 Nov 05 j 03:09	26°♌44'06	
direct	-9512 Nov 12 j 01:33	23°♌57'53	
	-9512 Nov 23 j 21:53	0°♍	
morning max el	-9512 Nov 25 j 13:14	1°♍32'37	27°24'59
desc. node	-9512 Dec 05 j 00:43	12°♍33'01	
	-9512 Dec 16 j 20:17	0°♎	
morning set	-9512 Dec 30 j 07:54	24°♎17'11	
	-9511 Jan 02 j 04:09	0°♏	
max. Earth dist.	-9511 Jan 04 j 09:42	4°♏36'27	1.33761 AU
superior conj	-9511 Jan 07 j 03:41	10°♏24'16	-1°14'08
minimum elong	-9511 Jan 07 j 06:02	10°♏36'47	1°14'08
evening rise	-9511 Jan 14 j 08:24	25°♏43'52	
asc. node	-9511 Jan 15 j 15:26	28°♏25'00	
	-9511 Jan 16 j 09:59	0°♐	
	-9511 Feb 04 j 13:36	0°♑	
evening max el	-9511 Feb 05 j 12:17	0°♑55'11	22°39'52
retrograde	-9511 Feb 18 j 10:38	7°♑09'27	
evening set	-9511 Feb 21 j 17:13	6°♑46'03	
min. Earth dist.	-9511 Mar 01 j 22:47	3°♑06'06	0.55563 AU
inferior conj	-9511 Mar 02 j 21:49	2°♑32'55	0°02'25
minimum elong	-9511 Mar 02 j 21:54	2°♑32'48	0°01'49
transit middle	-9511 Mar 02 j 21:54	2°♑32'48	0°01'49
transit begin	-9511 Mar 02 j 17:51	2°♑38'39	
transit end	-9511 Mar 03 j 01:57	2°♑26'57	
desc. node	-9511 Mar 03 j 01:30	2°♑27'36	
	-9511 Mar 07 j 16:10	30°℞♐	
morning rise	-9511 Mar 12 j 03:58	28°♐31'01	
direct	-9511 Mar 14 j 12:34	28°♐17'55	
	-9511 Mar 20 j 21:58	0°♑	
morning max el	-9511 Mar 25 j 21:29	3°♑41'37	20°50'38
	-9511 Apr 11 j 23:47	0°♒	
asc. node	-9511 Apr 13 j 14:34	3°♒15'33	
morning set	-9511 Apr 14 j 02:06	4°♒14'22	
superior conj	-9511 Apr 21 j 17:16	20°♒00'03	1°11'33
minimum elong	-9511 Apr 21 j 14:30	19°♒45'53	1°10'44
max. Earth dist.	-9511 Apr 26 j 00:09	28°♒37'04	1.35684 AU
	-9511 Apr 26 j 17:02	0°♓	
evening rise	-9511 Apr 30 j 09:47	7°♓05'06	
	-9511 May 13 j 15:53	0°♈	
desc. node	-9511 May 29 j 23:30	22°♈57'52	
evening max el	-9511 Jun 04 j 23:25	29°♈33'40	26°27'56
	-9511 Jun 05 j 10:15	0°♉	
retrograde	-9511 Jun 17 j 18:57	6°♉53'48	
evening set	-9511 Jun 24 j 07:40	4°♉07'22	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9511 Jun 28 j 04:46	30°℞♈	
min. Earth dist.	-9511 Jun 28 j 08:12	29°♈49'34	0.65917 AU
inferior conj	-9511 Jun 29 j 21:11	27°♈55'31	-2°56'14
minimum elong	-9511 Jun 29 j 23:53	27°♈47'11	2°55'23
morning rise	-9511 Jul 05 j 16:14	22°♈08'00	
direct	-9511 Jul 08 j 20:31	21°♈10'19	
asc. node	-9511 Jul 10 j 15:10	21°♈27'45	
morning max el	-9511 Jul 15 j 16:32	25°♈00'53	18°52'56
	-9511 Jul 19 j 20:15	0°♉	
morning set	-9511 Aug 06 j 03:39	26°♉45'10	
	-9511 Aug 08 j 04:22	0°♊	
superior conj	-9511 Aug 22 j 00:13	21°♊56'44	0°23'18
minimum elong	-9511 Aug 22 j 03:11	22°♊08'27	0°23'29
max. Earth dist.	-9511 Aug 21 j 20:30	21°♊42'00	1.44630 AU
desc. node	-9511 Aug 25 j 21:01	28°♊03'40	
	-9511 Aug 27 j 02:23	0°♋	
evening rise	-9511 Sep 06 j 22:57	17°♋19'05	
	-9511 Sep 14 j 20:36	0°♌	
evening max el	-9511 Sep 28 j 03:29	18°♌47'31	18°53'38
retrograde	-9511 Oct 04 j 23:33	22°♌39'20	
asc. node	-9511 Oct 06 j 14:44	22°♌24'07	
evening set	-9511 Oct 08 j 01:16	21°♌45'34	
inferior conj	-9511 Oct 13 j 21:50	16°♌00'00	2°14'38
minimum elong	-9511 Oct 13 j 18:53	16°♌08'58	2°14'04
min. Earth dist.	-9511 Oct 15 j 12:05	14°♌03'15	0.65200 AU
morning rise	-9511 Oct 19 j 12:06	9°♌49'51	
direct	-9511 Oct 26 j 00:19	7°♌05'41	
morning max el	-9511 Nov 07 j 23:09	14°♌33'25	26°43'26
	-9511 Nov 20 j 17:17	0°♍	
desc. node	-9511 Nov 21 j 21:25	1°♍38'38	
	-9511 Dec 09 j 12:17	0°♎	
morning set	-9511 Dec 13 j 17:42	7°♎49'56	
max. Earth dist.	-9511 Dec 18 j 03:18	16°♎25'25	1.34872 AU
superior conj	-9511 Dec 22 j 06:07	24°♎49'02	-1°29'33
minimum elong	-9511 Dec 22 j 08:18	25°♎00'19	1°29'32
	-9511 Dec 24 j 17:45	0°♏	
evening rise	-9511 Dec 29 j 17:45	10°♏27'35	
asc. node	-9510 Jan 02 j 12:40	18°♏06'50	
	-9510 Jan 09 j 03:09	0°♐	
evening max el	-9510 Jan 18 j 11:59	12°♐02'45	21°10'59
retrograde	-9510 Jan 30 j 00:45	17°♐29'29	
evening set	-9510 Feb 01 j 18:06	17°♐12'23	
inferior conj	-9510 Feb 10 j 18:35	13°♐13'11	1°50'32
minimum elong	-9510 Feb 10 j 23:06	13°♐06'44	1°48'39
min. Earth dist.	-9510 Feb 11 j 12:50	12°♐47'07	0.55444 AU
desc. node	-9510 Feb 17 j 22:29	9°♐38'59	
morning rise	-9510 Feb 20 j 03:25	9°♐01'10	
direct	-9510 Feb 23 j 02:45	8°♐41'44	
morning max el	-9510 Mar 07 j 22:53	14°♐55'35	22°18'50
	-9510 Mar 19 j 09:59	0°♑	
morning set	-9510 Mar 29 j 12:16	19°♑08'51	
asc. node	-9510 Mar 31 j 11:29	23°♑16'04	
	-9510 Apr 03 j 15:46	0°♒	
superior conj	-9510 Apr 05 j 19:00	4°♒30'46	0°49'54
minimum elong	-9510 Apr 05 j 16:56	4°♒19'49	0°49'02
max. Earth dist.	-9510 Apr 08 j 19:06	10°♒46'13	1.34439 AU
evening rise	-9510 Apr 13 j 19:02	20°♒47'27	
	-9510 Apr 18 j 16:13	0°♓	
	-9510 May 07 j 13:11	0°♈	
desc. node	-9510 May 16 j 20:52	11°♈14'55	
evening max el	-9510 May 18 j 10:24	12°♈49'36	27°11'08
retrograde	-9510 May 31 j 19:43	20°♈19'08	
evening set	-9510 Jun 07 j 17:34	17°♈32'37	
min. Earth dist.	-9510 Jun 11 j 11:39	13°♈52'16	0.64731 AU
inferior conj	-9510 Jun 13 j 15:03	11°♈26'29	-3°24'10
minimum elong	-9510 Jun 13 j 17:19	11°♈20'03	3°23'47
morning rise	-9510 Jun 19 j 17:30	5°♈54'40	
direct	-9510 Jun 22 j 15:48	5°♈08'31	
asc. node	-9510 Jun 27 j 12:01	7°♈08'54	
morning max el	-9510 Jun 29 j 04:27	8°♈40'15	18°18'38
	-9510 Jul 13 j 16:30	0°♉	
morning set	-9510 Jul 17 j 23:49	7°♉11'28	
	-9510 Jul 31 j 22:01	0°♊	
superior conj	-9510 Aug 01 j 02:49	0°♊19'13	1°06'17
minimum elong	-9510 Aug 01 j 09:18	0°♊45'11	1°06'04
max. Earth dist.	-9510 Aug 04 j 13:35	5°♊49'16	1.44375 AU
desc. node	-9510 Aug 12 j 18:09	18°♊44'01	
evening rise	-9510 Aug 17 j 18:30	26°♊34'14	
	-9510 Aug 19 j 23:20	0°♋	
greatest brilliancy	-9510 Aug 29 j 08:56	14°♋29'45	-0.7m
	-9510 Sep 09 j 10:38	0°♌	
evening max el	-9510 Sep 11 j 11:25	2°♌15'26	19°41'34
retrograde	-9510 Sep 18 j 19:50	6°♌30'34	
evening set	-9510 Sep 22 j 06:09	5°♌22'08	
asc. node	-9510 Sep 23 j 11:53	4°♌24'24	
	-9510 Sep 27 j 09:17	30°℞♋	
inferior conj	-9510 Sep 27 j 20:15	29°♋24'24	1°23'34
minimum elong	-9510 Sep 27 j 18:21	29°♋30'35	1°23'21
min. Earth dist.	-9510 Sep 28 j 22:18	27°♋59'38	0.66155 AU
morning rise	-9510 Oct 03 j 06:17	23°♋07'57	
direct	-9510 Oct 09 j 04:53	20°♋35'09	
morning max el	-9510 Oct 21 j 08:59	27°♋45'16	25°38'39
	-9510 Oct 23 j 12:31	0°♌	
desc. node	-9510 Nov 08 j 18:09	21°♌17'49	
	-9510 Nov 14 j 10:09	0°♍	
morning set	-9510 Nov 26 j 12:07	20°♍32'04	
max. Earth dist.	-9510 Nov 30 j 10:04	27°♍48'30	1.36402 AU
	-9510 Dec 01 j 13:37	0°♎	
superior conj	-9510 Dec 06 j 00:43	8°♎45'26	-1°39'59
minimum elong	-9510 Dec 06 j 02:04	8°♎52'11	1°39'56
evening rise	-9510 Dec 13 j 23:31	24°♎55'03	
	-9510 Dec 16 j 12:21	0°♏	
asc. node	-9510 Dec 20 j 09:56	7°♏25'46	
evening max el	-9510 Dec 31 j 21:06	23°♏41'54	19°56'19
retrograde	-9509 Jan 10 j 19:36	28°♏22'32	
evening set	-9509 Jan 13 j 08:19	28°♏05'42	
inferior conj	-9509 Jan 21 j 21:04	24°♏03'03	3°16'30
minimum elong	-9509 Jan 22 j 02:33	23°♏54'30	3°14'54
min. Earth dist.	-9509 Jan 24 j 02:31	22°♏40'20	0.56186 AU
morning rise	-9509 Jan 30 j 18:48	19°♏27'38	
direct	-9509 Feb 03 j 21:51	18°♏49'48	
desc. node	-9509 Feb 04 j 19:24	18°♏51'38	
morning max el	-9509 Feb 17 j 16:09	25°♏41'56	23°55'49
	-9509 Feb 21 j 16:34	0°♐	
	-9509 Mar 11 j 23:37	0°♑	
morning set	-9509 Mar 14 j 00:28	4°♑12'33	
asc. node	-9509 Mar 18 j 08:29	13°♑26'49	
superior conj	-9509 Mar 21 j 02:07	19°♑20'15	0°26'39
minimum elong	-9509 Mar 21 j 00:59	19°♑14'11	0°25'52
max. Earth dist.	-9509 Mar 22 j 23:17	23°♑21'42	1.33548 AU
	-9509 Mar 26 j 03:12	0°♒	
evening rise	-9509 Mar 28 j 14:52	5°♒03'59	
	-9509 Apr 11 j 08:35	0°♓	
evening max el	-9509 Apr 30 j 20:10	25°♓45'35	27°26'19
desc. node	-9509 May 03 j 18:13	28°♓22'43	
	-9509 May 05 j 21:19	0°♈	
retrograde	-9509 May 14 j 14:44	3°♈17'26	
evening set	-9509 May 21 j 15:05	0°♈43'58	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9509 May 22 j 13:57	30°℞♓	
min. Earth dist.	-9509 May 25 j 06:10	27°♓34'10	0.63158 AU
inferior conj	-9509 May 27 j 23:58	24°♓46'15	-3°40'26
minimum elong	-9509 May 28 j 01:03	24°♓43'28	3°40'29
morning rise	-9509 Jun 03 j 12:01	19°♓32'33	
direct	-9509 Jun 06 j 05:43	18°♓56'07	
morning max el	-9509 Jun 12 j 18:28	22°♓19'03	18°02'05
asc. node	-9509 Jun 14 j 08:52	24°♓02'52	
	-9509 Jun 18 j 17:37	0°♈	
morning set	-9509 Jun 29 j 20:31	18°♈47'00	
	-9509 Jul 06 j 07:42	0°♉	
superior conj	-9509 Jul 12 j 01:58	9°♉43'27	1°35'25
minimum elong	-9509 Jul 12 j 07:00	10°♉04'24	1°35'23
max. Earth dist.	-9509 Jul 18 j 03:19	19°♉38'42	1.43446 AU
	-9509 Jul 24 j 15:25	0°♊	
evening rise	-9509 Jul 27 j 20:43	5°♊01'59	
desc. node	-9509 Jul 30 j 15:23	9°♊19'51	
	-9509 Aug 13 j 10:04	0°♋	
evening max el	-9509 Aug 25 j 13:20	15°♋41'01	20°44'00
retrograde	-9509 Sep 02 j 16:39	20°♋27'59	
evening set	-9509 Sep 06 j 13:48	19°♋01'51	
asc. node	-9509 Sep 10 j 09:01	15°♋02'25	
inferior conj	-9509 Sep 11 j 23:13	12°♋55'18	0°31'09
minimum elong	-9509 Sep 11 j 22:30	12°♋57'44	0°31'26
min. Earth dist.	-9509 Sep 12 j 14:16	12°♋04'16	0.66809 AU
morning rise	-9509 Sep 17 j 07:01	6°♋35'59	
direct	-9509 Sep 22 j 14:53	4°♋19'56	
morning max el	-9509 Oct 03 j 18:28	10°♋59'57	24°19'18
	-9509 Oct 18 j 22:32	0°♌	
desc. node	-9509 Oct 26 j 14:52	11°♌20'25	
	-9509 Nov 07 j 03:47	0°♍	
morning set	-9509 Nov 08 j 09:37	2°♍08'05	
max. Earth dist.	-9509 Nov 12 j 08:57	9°♍07'52	1.38274 AU
superior conj	-9509 Nov 19 j 07:52	22°♍02'27	-1°43'29
minimum elong	-9509 Nov 19 j 07:37	22°♍01'14	1°43'20
	-9509 Nov 23 j 10:14	0°♎	
evening rise	-9509 Nov 27 j 23:28	8°♎59'11	
asc. node	-9509 Dec 07 j 07:14	26°♎13'01	
	-9509 Dec 09 j 18:28	0°♏	
evening max el	-9509 Dec 14 j 16:20	5°♏54'35	19°00'18
retrograde	-9509 Dec 23 j 04:45	9°♏59'10	
evening set	-9509 Dec 25 j 16:43	9°♏39'37	
inferior conj	-9508 Jan 02 j 15:28	5°♏21'54	4°04'00
minimum elong	-9508 Jan 02 j 18:15	5°♏16'56	4°03'27
min. Earth dist.	-9508 Jan 05 j 17:19	3°♏11'44	0.57613 AU
morning rise	-9508 Jan 10 j 17:34	0°♏20'46	
	-9508 Jan 11 j 14:48	30°℞♎	
direct	-9508 Jan 16 j 04:43	29°♎09'57	
	-9508 Jan 20 j 19:12	0°♏	
desc. node	-9508 Jan 22 j 16:14	0°♏47'53	
morning max el	-9508 Jan 30 j 07:06	6°♏24'07	25°28'50
	-9508 Feb 16 j 13:14	0°♐	
morning set	-9508 Feb 26 j 12:51	19°♐17'42	
	-9508 Mar 02 j 12:38	0°♑	
asc. node	-9508 Mar 04 j 05:31	3°♑42'29	
superior conj	-9508 Mar 04 j 12:26	4°♑20'07	0°02'52
minimum elong	-9508 Mar 04 j 12:20	4°♑19'34	0°02'16
behind sun begin	-9508 Mar 04 j 07:20	3°♑52'25	
behind sun end	-9508 Mar 04 j 17:19	4°♑46'43	
max. Earth dist.	-9508 Mar 05 j 09:48	6°♑16'13	1.32992 AU
evening rise	-9508 Mar 11 j 17:56	19°♑42'50	
	-9508 Mar 16 j 22:51	0°♒	
	-9508 Apr 04 j 19:47	0°♓	
evening max el	-9508 Apr 12 j 02:32	8°♓10'24	27°09'31
desc. node	-9508 Apr 19 j 15:33	13°♓52'51	
retrograde	-9508 Apr 26 j 03:05	15°♓39'19	
evening set	-9508 May 02 j 20:39	13°♓32'31	
min. Earth dist.	-9508 May 06 j 15:36	10°♓40'53	0.61277 AU
inferior conj	-9508 May 09 j 20:39	7°♓47'24	-3°40'19
minimum elong	-9508 May 09 j 19:47	7°♓49'21	3°40'34
morning rise	-9508 May 16 j 20:46	2°♓53'23	
direct	-9508 May 19 j 10:43	2°♓25'12	
morning max el	-9508 May 26 j 07:56	5°♓50'31	18°04'06
asc. node	-9508 May 31 j 05:42	11°♓53'55	
	-9508 Jun 10 j 19:31	0°♈	
morning set	-9508 Jun 11 j 13:18	1°♈21'18	
superior conj	-9508 Jun 22 j 04:27	20°♈28'59	1°48'34
minimum elong	-9508 Jun 22 j 06:00	20°♈35'44	1°48'41
	-9508 Jun 27 j 17:46	0°♉	
max. Earth dist.	-9508 Jun 29 j 11:34	2°♉54'38	1.41976 AU
evening rise	-9508 Jul 06 j 02:43	13°♉41'23	
desc. node	-9508 Jul 16 j 12:43	29°♉47'31	
	-9508 Jul 16 j 16:02	0°♊	
evening max el	-9508 Aug 07 j 08:34	29°♊04'06	21°58'01
	-9508 Aug 08 j 07:17	0°♋	
retrograde	-9508 Aug 16 j 12:12	4°♋29'21	
evening set	-9508 Aug 20 j 22:12	2°♋43'11	
	-9508 Aug 23 j 13:40	30°℞♊	
inferior conj	-9508 Aug 26 j 04:47	26°♊30'53	-0°20'34
minimum elong	-9508 Aug 26 j 05:13	26°♊29'22	0°19'49
min. Earth dist.	-9508 Aug 26 j 09:28	26°♊14'44	0.67174 AU
asc. node	-9508 Aug 27 j 06:04	25°♊04'01	
morning rise	-9508 Aug 31 j 12:06	20°♊12'28	
direct	-9508 Sep 05 j 05:45	18°♊15'24	
morning max el	-9508 Sep 15 j 05:26	24°♊15'32	22°54'40
	-9508 Sep 20 j 06:53	0°♋	
	-9508 Oct 11 j 10:03	0°♌	
desc. node	-9508 Oct 12 j 11:42	1°♌39'52	
morning set	-9508 Oct 19 j 05:08	12°♌26'26	
max. Earth dist.	-9508 Oct 24 j 07:00	20°♌56'49	1.40286 AU
	-9508 Oct 29 j 11:26	0°♍	
superior conj	-9508 Oct 31 j 23:00	4°♍28'11	-1°37'38
minimum elong	-9508 Oct 31 j 20:28	4°♍16'44	1°37'12
evening rise	-9508 Nov 10 j 14:55	22°♍33'49	
	-9508 Nov 14 j 13:42	0°♎	
asc. node	-9508 Nov 23 j 04:32	14°♎18'23	
evening max el	-9508 Nov 26 j 20:14	18°♎36'33	18°24'21
retrograde	-9508 Dec 04 j 07:46	22°♎18'31	
evening set	-9508 Dec 06 j 20:12	21°♎54'36	
inferior conj	-9508 Dec 14 j 05:23	17°♎16'02	4°14'51
minimum elong	-9508 Dec 14 j 04:44	17°♎17'22	4°14'44
min. Earth dist.	-9508 Dec 17 j 11:38	14°♎36'41	0.59430 AU
morning rise	-9508 Dec 21 j 11:32	11°♎53'48	
direct	-9508 Dec 27 j 23:32	10°♎04'05	
desc. node	-9507 Jan 08 j 13:02	15°♎12'46	
morning max el	-9507 Jan 11 j 01:35	17°♎28'30	26°42'58
	-9507 Jan 21 j 12:32	0°♏	
	-9507 Feb 07 j 21:32	0°♐	
morning set	-9507 Feb 09 j 23:38	4°♐17'33	
superior conj	-9507 Feb 17 j 00:10	19°♐23'44	-0°20'40
minimum elong	-9507 Feb 17 j 01:02	19°♐28'32	0°21'03
max. Earth dist.	-9507 Feb 16 j 23:14	19°♐18'42	1.32761 AU
asc. node	-9507 Feb 19 j 02:38	23°♐59'05	
	-9507 Feb 21 j 21:32	0°♑	
evening rise	-9507 Feb 24 j 01:43	4°♑35'11	
	-9507 Mar 09 j 18:40	0°♒	
evening max el	-9507 Mar 25 j 03:43	19°♒57'38	26°20'36
desc. node	-9507 Apr 06 j 12:48	27°♒10'48	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9507 Apr 08 j 06:47	27°♒18'26	
evening set	-9507 Apr 14 j 07:12	25°♒47'08	
min. Earth dist.	-9507 Apr 18 j 17:01	22°♒58'37	0.59272 AU
inferior conj	-9507 Apr 22 j 01:28	20°♒21'22	-3°17'18
minimum elong	-9507 Apr 21 j 22:22	20°♒27'29	3°17'15
morning rise	-9507 Apr 29 j 16:15	15°♒47'31	
direct	-9507 May 02 j 02:46	15°♒26'16	
morning max el	-9507 May 09 j 18:01	19°♒06'30	18°25'18
	-9507 May 17 j 19:37	0°♓	
asc. node	-9507 May 18 j 02:32	0°♓29'01	
morning set	-9507 May 25 j 21:16	14°♓42'37	
	-9507 Jun 02 j 23:15	0°♈	
superior conj	-9507 Jun 04 j 07:22	2°♈28'16	1°48'29
minimum elong	-9507 Jun 04 j 06:08	2°♈22'33	1°48'24
max. Earth dist.	-9507 Jun 11 j 14:29	15°♈29'02	1.40178 AU
evening rise	-9507 Jun 16 j 07:00	23°♈25'55	
	-9507 Jun 20 j 07:26	0°♉	
desc. node	-9507 Jul 03 j 10:06	20°♉01'48	
	-9507 Jul 10 j 13:31	0°♊	
evening max el	-9507 Jul 20 j 22:04	12°♊25'23	23°18'57
retrograde	-9507 Jul 31 j 05:00	18°♊31'13	
evening set	-9507 Aug 05 j 05:28	16°♊23'56	
inferior conj	-9507 Aug 10 j 11:08	10°♊08'42	-1°10'03
minimum elong	-9507 Aug 10 j 12:35	10°♊03'41	1°08'58
min. Earth dist.	-9507 Aug 10 j 05:22	10°♊28'32	0.67249 AU
asc. node	-9507 Aug 14 j 03:04	5°♊29'28	
morning rise	-9507 Aug 15 j 19:37	3°♊54'49	
direct	-9507 Aug 20 j 00:19	2°♊16'49	
morning max el	-9507 Aug 28 j 20:41	7°♊33'52	21°32'51
	-9507 Sep 14 j 20:07	0°♋	
morning set	-9507 Sep 28 j 22:20	21°♋29'50	
desc. node	-9507 Sep 29 j 08:35	22°♋10'20	
	-9507 Oct 04 j 05:47	0°♌	
max. Earth dist.	-9507 Oct 06 j 10:28	3°♌35'24	1.42153 AU
superior conj	-9507 Oct 13 j 16:17	15°♌47'15	-1°19'42
minimum elong	-9507 Oct 13 j 11:39	15°♌27'19	1°18'50
	-9507 Oct 21 j 17:21	0°♍	
evening rise	-9507 Oct 24 j 18:18	5°♍30'30	
	-9507 Nov 08 j 17:24	0°♎	
asc. node	-9507 Nov 10 j 01:49	1°♎29'03	
evening max el	-9507 Nov 10 j 06:05	1°♎39'47	18°08'25
retrograde	-9507 Nov 17 j 02:46	5°♎11'59	
evening set	-9507 Nov 19 j 16:36	4°♎42'24	
	-9507 Nov 26 j 05:47	30°℞♍	
inferior conj	-9507 Nov 26 j 13:30	29°♍41'55	3°58'59
minimum elong	-9507 Nov 26 j 10:37	29°♍48'42	3°58'40
min. Earth dist.	-9507 Nov 29 j 12:50	26°♍55'02	0.61317 AU
morning rise	-9507 Dec 03 j 03:28	24°♍02'28	
direct	-9507 Dec 10 j 03:49	21°♍40'29	
morning max el	-9507 Dec 24 j 02:24	29°♍10'44	27°26'49
	-9507 Dec 24 j 22:23	0°♎	
desc. node	-9507 Dec 26 j 09:46	1°♎32'00	
	-9506 Jan 15 j 06:57	0°♏	
morning set	-9506 Jan 25 j 06:53	19°♏05'04	
	-9506 Jan 30 j 10:49	0°♐	
max. Earth dist.	-9506 Jan 31 j 11:56	2°♐16'03	1.32858 AU
superior conj	-9506 Feb 01 j 11:39	4°♐25'02	-0°43'05
minimum elong	-9506 Feb 01 j 13:21	4°♐34'14	0°43'16
asc. node	-9506 Feb 05 j 23:47	14°♐12'21	
evening rise	-9506 Feb 08 j 12:10	19°♐33'33	
	-9506 Feb 13 j 16:19	0°♑	
	-9506 Mar 05 j 19:12	0°♒	
evening max el	-9506 Mar 06 j 23:27	1°♒09'33	25°05'04
retrograde	-9506 Mar 20 j 23:36	8°♒15'03	
desc. node	-9506 Mar 24 j 09:58	7°♒47'34	
evening set	-9506 Mar 25 j 22:31	7°♒18'21	
min. Earth dist.	-9506 Mar 31 j 12:29	4°♒19'24	0.57414 AU
inferior conj	-9506 Apr 03 j 11:16	2°♒19'44	-2°24'12
minimum elong	-9506 Apr 03 j 07:02	2°♒26'57	2°23'41
	-9506 Apr 07 j 02:51	30°℞♑	
morning rise	-9506 Apr 11 j 18:44	28°♑04'39	
direct	-9506 Apr 14 j 02:04	27°♑48'49	
	-9506 Apr 20 j 11:48	0°♒	
morning max el	-9506 Apr 22 j 21:51	1°♒58'22	19°06'19
asc. node	-9506 May 04 j 23:24	19°♒38'03	
morning set	-9506 May 09 j 16:24	28°♒41'23	
	-9506 May 10 j 08:21	0°♓	
superior conj	-9506 May 18 j 05:20	15°♓27'34	1°38'50
minimum elong	-9506 May 18 j 02:40	15°♓14'47	1°38'25
max. Earth dist.	-9506 May 24 j 15:17	27°♓28'11	1.38295 AU
	-9506 May 26 j 00:57	0°♈	
evening rise	-9506 May 28 j 14:44	4°♈33'03	
	-9506 Jun 13 j 08:59	0°♉	
desc. node	-9506 Jun 20 j 07:29	9°♉56'46	
evening max el	-9506 Jul 03 j 08:27	25°♉47'58	24°39'53
	-9506 Jul 08 j 05:36	0°♊	
retrograde	-9506 Jul 14 j 18:11	2°♊30'34	
evening set	-9506 Jul 20 j 09:42	0°♊03'34	
	-9506 Jul 20 j 11:18	30°℞♉	
min. Earth dist.	-9506 Jul 24 j 23:34	24°♉44'40	0.67014 AU
inferior conj	-9506 Jul 25 j 16:31	23°♉47'46	-1°55'44
minimum elong	-9506 Jul 25 j 18:46	23°♉40'16	1°54'33
morning rise	-9506 Jul 31 j 03:47	17°♉41'51	
asc. node	-9506 Aug 01 j 00:02	17°♉09'27	
direct	-9506 Aug 03 j 21:23	16°♉21'26	
morning max el	-9506 Aug 11 j 18:23	20°♉59'02	20°20'00
	-9506 Aug 19 j 01:25	0°♊	
morning set	-9506 Sep 08 j 00:32	29°♊54'28	
	-9506 Sep 08 j 01:57	0°♋	
desc. node	-9506 Sep 16 j 05:32	12°♋47'52	
max. Earth dist.	-9506 Sep 18 j 20:54	17°♋00'59	1.43604 AU
superior conj	-9506 Sep 24 j 06:36	25°♋47'14	-0°47'52
minimum elong	-9506 Sep 24 j 02:02	25°♋28'32	0°46'46
	-9506 Sep 26 j 19:48	0°♌	
evening rise	-9506 Oct 07 j 05:09	17°♌39'20	
	-9506 Oct 14 j 09:27	0°♍	
evening max el	-9506 Oct 24 j 18:58	14°♍57'05	18°11'44
asc. node	-9506 Oct 27 j 23:05	17°♍30'00	
retrograde	-9506 Oct 31 j 09:40	18°♍30'10	
evening set	-9506 Nov 03 j 02:24	17°♍53'15	
inferior conj	-9506 Nov 09 j 12:33	12°♍32'48	3°25'55
minimum elong	-9506 Nov 09 j 08:54	12°♍42'29	3°25'19
min. Earth dist.	-9506 Nov 11 j 23:43	9°♍56'32	0.63045 AU
morning rise	-9506 Nov 15 j 14:36	6°♍38'52	
direct	-9506 Nov 22 j 16:00	3°♍57'40	
morning max el	-9506 Dec 06 j 08:56	11°♍32'05	27°35'33
desc. node	-9506 Dec 13 j 06:28	19°♍13'57	
	-9506 Dec 21 j 03:31	0°♎	
	-9505 Jan 07 j 13:35	0°♏	
morning set	-9505 Jan 09 j 08:15	3°♏31'45	
max. Earth dist.	-9505 Jan 14 j 20:03	14°♏54'32	1.33316 AU
superior conj	-9505 Jan 16 j 21:11	19°♏17'25	-1°03'35
minimum elong	-9505 Jan 16 j 23:24	19°♏29'23	1°03'38
	-9505 Jan 21 j 20:27	0°♐	
evening rise	-9505 Jan 23 j 23:32	4°♐30'55	
asc. node	-9505 Jan 23 j 20:58	4°♐17'30	
	-9505 Feb 06 j 21:44	0°♑	
evening max el	-9505 Feb 16 j 16:23	12°♑00'21	23°33'55

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9505 Mar 02 j 04:05	18°♉38'19	
evening set	-9505 Mar 05 j 23:37	18°♉06'19	
desc. node	-9505 Mar 11 j 07:03	15°♉50'21	
min. Earth dist.	-9505 Mar 13 j 04:37	14°♉45'00	0.56025 AU
inferior conj	-9505 Mar 15 j 01:21	13°♉37'50	-0°58'18
minimum elong	-9505 Mar 14 j 22:57	13°♉41'27	0°58'07
morning rise	-9505 Mar 24 j 00:53	9°♉35'11	
direct	-9505 Mar 26 j 06:56	9°♉22'24	
morning max el	-9505 Apr 05 j 16:36	14°♉15'50	20°07'13
	-9505 Apr 16 j 23:41	0°♒	
asc. node	-9505 Apr 21 j 20:17	9°♒11'58	
morning set	-9505 Apr 23 j 19:20	13°♒07'32	
superior conj	-9505 May 01 j 17:05	29°♒11'26	1°22'46
minimum elong	-9505 May 01 j 14:08	28°♒56'39	1°22'04
	-9505 May 02 j 02:48	0°♓	
max. Earth dist.	-9505 May 06 j 19:19	9°♓10'49	1.36550 AU
evening rise	-9505 May 10 j 22:04	16°♓52'57	
	-9505 May 18 j 09:41	0°♈	
desc. node	-9505 Jun 07 j 04:52	29°♈23'41	
	-9505 Jun 07 j 16:19	0°♉	
evening max el	-9505 Jun 15 j 18:15	9°♉11'50	25°52'51
retrograde	-9505 Jun 28 j 03:06	16°♉22'10	
evening set	-9505 Jul 04 j 08:49	13°♉40'15	
min. Earth dist.	-9505 Jul 08 j 13:46	9°♉00'09	0.66427 AU
inferior conj	-9505 Jul 09 j 19:08	7°♉26'11	-2°36'06
minimum elong	-9505 Jul 09 j 21:47	7°♉17'39	2°35'04
morning rise	-9505 Jul 15 j 10:50	1°♉31'16	
direct	-9505 Jul 18 j 19:20	0°♉26'09	
asc. node	-9505 Jul 18 j 20:56	0°♉26'11	
morning max el	-9505 Jul 25 j 22:45	4°♉31'37	19°20'16
	-9505 Aug 12 j 20:26	0°♊	
morning set	-9505 Aug 18 j 08:17	8°♊37'53	
	-9505 Aug 31 j 21:48	0°♋	
max. Earth dist.	-9505 Sep 01 j 12:00	0°♋56'12	1.44450 AU
desc. node	-9505 Sep 03 j 02:33	3°♋29'06	
superior conj	-9505 Sep 03 j 18:40	4°♋33'09	-0°04'07
minimum elong	-9505 Sep 03 j 18:14	4°♋31'25	0°03'29
behind sun begin	-9505 Sep 03 j 07:11	3°♋47'28	
behind sun end	-9505 Sep 04 j 05:18	5°♋15'24	
evening rise	-9505 Sep 18 j 18:07	28°♋47'30	
	-9505 Sep 19 j 11:43	0°♌	
evening max el	-9505 Oct 08 j 08:03	28°♌22'31	18°33'23
	-9505 Oct 10 j 02:22	0°♍	
asc. node	-9505 Oct 14 j 20:18	2°♍05'14	
retrograde	-9505 Oct 15 j 00:19	2°♍05'24	
evening set	-9505 Oct 17 j 22:00	1°♍18'46	
	-9505 Oct 19 j 19:56	30°℞♌	
inferior conj	-9505 Oct 23 j 23:03	25°♌41'28	2°42'31
minimum elong	-9505 Oct 23 j 19:40	25°♌51'20	2°41'51
min. Earth dist.	-9505 Oct 25 j 20:50	23°♌27'59	0.64498 AU
morning rise	-9505 Oct 29 j 16:46	19°♌36'05	
direct	-9505 Nov 05 j 11:15	16°♌49'25	
morning max el	-9505 Nov 18 j 18:31	24°♌23'03	27°10'44
	-9505 Nov 23 j 22:28	0°♍	
desc. node	-9505 Nov 30 j 03:10	7°♍54'30	
	-9505 Dec 14 j 11:27	0°♎	
morning set	-9505 Dec 24 j 00:50	17°♎28'08	
max. Earth dist.	-9505 Dec 28 j 19:45	27°♎02'57	1.34177 AU
	-9505 Dec 30 j 06:01	0°♏	
superior conj	-9504 Jan 01 j 02:52	3°♏54'42	-1°21'12
minimum elong	-9504 Jan 01 j 05:13	4°♏07'04	1°21'11
evening rise	-9504 Jan 08 j 10:07	19°♏21'25	
asc. node	-9504 Jan 10 j 18:12	24°♏09'38	
	-9504 Jan 13 j 17:25	0°♐	
evening max el	-9504 Jan 29 j 12:03	22°♐55'27	22°00'48
retrograde	-9504 Feb 10 j 21:47	28°♐50'52	
evening set	-9504 Feb 13 j 21:07	28°♐31'16	
inferior conj	-9504 Feb 23 j 01:13	24°♐25'49	0°49'11
minimum elong	-9504 Feb 23 j 03:21	24°♐22'46	0°47'56
min. Earth dist.	-9504 Feb 22 j 19:32	24°♐33'54	0.55397 AU
desc. node	-9504 Feb 26 j 04:04	22°♐42'27	
morning rise	-9504 Mar 03 j 10:09	20°♐21'36	
direct	-9504 Mar 05 j 22:53	20°♐07'05	
morning max el	-9504 Mar 18 j 00:26	25°♐53'03	21°26'31
	-9504 Mar 21 j 19:36	0°♑	
morning set	-9504 Apr 07 j 03:29	27°♑53'20	
asc. node	-9504 Apr 07 j 17:12	29°♑04'11	
	-9504 Apr 08 j 03:58	0°♒	
superior conj	-9504 Apr 14 j 14:39	13°♒27'46	1°02'39
minimum elong	-9504 Apr 14 j 12:07	13°♒14'41	1°01'48
max. Earth dist.	-9504 Apr 18 j 07:52	21°♒03'29	1.35106 AU
evening rise	-9504 Apr 22 j 23:22	0°♓09'38	
	-9504 Apr 22 j 21:21	0°♓	
	-9504 May 10 j 11:40	0°♈	
desc. node	-9504 May 24 j 02:15	18°♈10'42	
evening max el	-9504 May 28 j 04:52	22°♈32'56	26°49'19
retrograde	-9504 Jun 10 j 07:14	29°♈59'07	
evening set	-9504 Jun 17 j 00:23	27°♈11'00	
min. Earth dist.	-9504 Jun 20 j 21:47	23°♈09'37	0.65457 AU
inferior conj	-9504 Jun 22 j 16:52	21°♈00'59	-3°09'19
minimum elong	-9504 Jun 22 j 19:28	20°♈53'14	3°08'39
morning rise	-9504 Jun 28 j 14:50	15°♈19'55	
direct	-9504 Jul 01 j 16:15	14°♈27'34	
asc. node	-9504 Jul 04 j 17:48	15°♈18'01	
morning max el	-9504 Jul 08 j 08:27	18°♈09'18	18°36'12
	-9504 Jul 17 j 03:58	0°♉	
morning set	-9504 Jul 28 j 13:32	18°♉22'04	
	-9504 Aug 04 j 18:04	0°♊	
superior conj	-9504 Aug 12 j 18:14	12°♊45'48	0°42'46
minimum elong	-9504 Aug 12 j 23:17	13°♊05'47	0°42'42
max. Earth dist.	-9504 Aug 14 j 04:43	15°♊02'15	1.44604 AU
desc. node	-9504 Aug 19 j 23:40	24°♊10'39	
	-9504 Aug 23 j 16:14	0°♋	
evening rise	-9504 Aug 29 j 04:38	8°♋43'04	
	-9504 Sep 11 j 19:19	0°♌	
evening max el	-9504 Sep 20 j 18:35	11°♌50'36	19°12'09
retrograde	-9504 Sep 27 j 19:15	15°♌51'31	
asc. node	-9504 Sep 30 j 17:31	15°♌02'01	
evening set	-9504 Oct 01 j 00:15	14°♌52'06	
inferior conj	-9504 Oct 06 j 17:52	9°♌01'08	1°53'16
minimum elong	-9504 Oct 06 j 15:20	9°♌09'05	1°52'50
min. Earth dist.	-9504 Oct 08 j 02:53	7°♌17'19	0.65643 AU
morning rise	-9504 Oct 12 j 06:03	2°♌47'43	
direct	-9504 Oct 18 j 12:47	0°♌07'09	
morning max el	-9504 Oct 31 j 04:30	7°♌29'39	26°18'09
desc. node	-9504 Nov 15 j 23:52	27°♌15'40	
	-9504 Nov 17 j 20:40	0°♍	
	-9504 Dec 05 j 19:53	0°♎	
morning set	-9504 Dec 06 j 04:42	0°♎41'05	
max. Earth dist.	-9504 Dec 10 j 08:20	8°♎37'32	1.35470 AU
superior conj	-9504 Dec 15 j 02:20	18°♎08'19	-1°34'43
minimum elong	-9504 Dec 15 j 04:15	18°♎18'07	1°34'40
	-9504 Dec 20 j 19:58	0°♏	
evening rise	-9504 Dec 22 j 18:09	3°♏58'26	
asc. node	-9504 Dec 27 j 15:27	13°♏42'22	
	-9503 Jan 06 j 18:29	0°♐	
evening max el	-9503 Jan 10 j 15:33	4°♐15'27	20°37'11
retrograde	-9503 Jan 21 j 12:08	9°♐21'27	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9503 Jan 24 j 02:36	9°♐05'06	
inferior conj	-9503 Feb 01 j 22:46	5°♐06'45	2°31'10
minimum elong	-9503 Feb 02 j 04:15	4°♐58'41	2°29'11
min. Earth dist.	-9503 Feb 03 j 09:39	4°♐15'36	0.55660 AU
morning rise	-9503 Feb 11 j 04:21	0°♐45'19	
desc. node	-9503 Feb 12 j 01:00	0°♐34'10	
direct	-9503 Feb 14 j 14:14	0°♐19'44	
morning max el	-9503 Feb 27 j 21:48	6°♐52'40	22°59'37
	-9503 Mar 16 j 03:07	0°♑	
morning set	-9503 Mar 22 j 14:43	12°♑51'59	
asc. node	-9503 Mar 25 j 14:10	19°♑09'16	
superior conj	-9503 Mar 29 j 18:57	28°♑07'07	0°40'10
minimum elong	-9503 Mar 29 j 17:15	27°♑58'06	0°39'19
	-9503 Mar 30 j 16:14	0°♒	
max. Earth dist.	-9503 Apr 01 j 06:50	3°♒22'57	1.34016 AU
evening rise	-9503 Apr 06 j 13:36	14°♒08'00	
	-9503 Apr 15 j 02:06	0°♓	
	-9503 May 05 j 09:06	0°♈	
evening max el	-9503 May 10 j 15:46	5°♈42'25	27°21'28
desc. node	-9503 May 10 j 23:37	6°♈01'20	
retrograde	-9503 May 24 j 05:49	13°♈13'52	
evening set	-9503 May 31 j 05:29	10°♈31'27	
min. Earth dist.	-9503 Jun 03 j 21:47	7°♈04'58	0.64097 AU
inferior conj	-9503 Jun 06 j 07:20	4°♈28'19	-3°32'48
minimum elong	-9503 Jun 06 j 09:12	4°♈23'14	3°32'37
	-9503 Jun 11 j 00:09	30°℞♓	
morning rise	-9503 Jun 12 j 13:34	29°♓03'41	
direct	-9503 Jun 15 j 09:42	28°♓21'53	
	-9503 Jun 19 j 19:11	0°♈	
asc. node	-9503 Jun 21 j 14:39	1°♈32'02	
morning max el	-9503 Jun 21 j 21:33	1°♈48'59	18°09'22
morning set	-9503 Jul 09 j 20:41	29°♈19'24	
	-9503 Jul 10 j 06:14	0°♉	
superior conj	-9503 Jul 23 j 03:53	21°♉30'00	1°20'37
minimum elong	-9503 Jul 23 j 10:16	21°♉55'54	1°20'27
max. Earth dist.	-9503 Jul 27 j 20:36	29°♉03'51	1.44056 AU
	-9503 Jul 28 j 10:41	0°♊	
desc. node	-9503 Aug 06 j 20:52	14°♊49'52	
evening rise	-9503 Aug 08 j 14:55	17°♊33'12	
	-9503 Aug 16 j 17:00	0°♋	
evening max el	-9503 Sep 04 j 00:18	25°♋18'40	20°06'30
retrograde	-9503 Sep 11 j 15:55	29°♋45'58	
evening set	-9503 Sep 15 j 06:36	28°♋30'26	
asc. node	-9503 Sep 17 j 14:40	26°♋23'58	
inferior conj	-9503 Sep 20 j 18:31	22°♋28'51	1°01'22
minimum elong	-9503 Sep 20 j 17:07	22°♋33'30	1°01'22
min. Earth dist.	-9503 Sep 21 j 15:50	21°♋18'07	0.66477 AU
morning rise	-9503 Sep 26 j 03:23	16°♋10'51	
direct	-9503 Oct 01 j 19:55	13°♋44'28	
morning max el	-9503 Oct 13 j 13:53	20°♋42'48	25°05'59
	-9503 Oct 21 j 15:04	0°♌	
desc. node	-9503 Nov 02 j 20:37	17°♌05'58	
	-9503 Nov 11 j 01:17	0°♍	
morning set	-9503 Nov 18 j 14:54	12°♍56'35	
max. Earth dist.	-9503 Nov 22 j 10:48	19°♍53'55	1.37173 AU
	-9503 Nov 27 j 18:13	0°♎	
superior conj	-9503 Nov 28 j 16:35	1°♎49'30	-1°42'27
minimum elong	-9503 Nov 28 j 17:21	1°♎53'16	1°42'23
evening rise	-9503 Dec 06 j 21:43	18°♎16'29	
	-9503 Dec 12 j 23:01	0°♏	
asc. node	-9503 Dec 14 j 12:46	2°♏48'44	
evening max el	-9503 Dec 24 j 05:08	16°♏09'11	19°30'02
retrograde	-9502 Jan 02 j 11:48	20°♏32'18	
evening set	-9502 Jan 05 j 00:12	20°♏14'26	

inferior conj	-9502 Jan 13 j 07:04	16°♏06'33	3°41'35
minimum elong	-9502 Jan 13 j 11:42	15°♏58'57	3°40'26
min. Earth dist.	-9502 Jan 15 j 23:23	14°♏21'58	0.56733 AU
morning rise	-9502 Jan 21 j 21:01	11°♏20'12	
direct	-9502 Jan 26 j 14:19	10°♏29'37	
desc. node	-9502 Jan 29 j 21:54	10°♏55'04	
morning max el	-9502 Feb 09 j 12:59	17°♏32'31	24°36'46
	-9502 Feb 19 j 17:10	0°♐	
morning set	-9502 Mar 07 j 03:11	27°♐56'44	
	-9502 Mar 08 j 02:34	0°♑	
asc. node	-9502 Mar 12 j 11:10	9°♑22'21	
superior conj	-9502 Mar 14 j 03:36	13°♑01'19	0°16'34
minimum elong	-9502 Mar 14 j 02:55	12°♑57'35	0°15'51
max. Earth dist.	-9502 Mar 15 j 14:17	16°♑08'17	1.33274 AU
evening rise	-9502 Mar 21 j 12:51	28°♑35'05	
	-9502 Mar 22 j 05:41	0°♒	
	-9502 Apr 08 j 07:25	0°♓	
evening max el	-9502 Apr 23 j 00:35	18°♓26'55	27°23'21
desc. node	-9502 Apr 27 j 20:58	22°♓31'35	
retrograde	-9502 May 06 j 21:53	25°♓57'12	
evening set	-9502 May 13 j 20:37	23°♓33'53	
min. Earth dist.	-9502 May 17 j 12:26	20°♓33'27	0.62385 AU
inferior conj	-9502 May 20 j 11:30	17°♓41'08	-3°42'47
minimum elong	-9502 May 20 j 11:50	17°♓40'18	3°42'58
morning rise	-9502 May 27 j 04:20	12°♓35'23	
direct	-9502 May 29 j 20:27	12°♓02'29	
morning max el	-9502 Jun 05 j 11:35	15°♓24'54	18°00'40
asc. node	-9502 Jun 08 j 11:28	18°♓51'36	
	-9502 Jun 15 j 16:01	0°♈	
morning set	-9502 Jun 22 j 02:33	11°♈21'26	
	-9502 Jul 02 j 17:52	0°♉	
superior conj	-9502 Jul 03 j 14:30	1°♉27'45	1°42'52
minimum elong	-9502 Jul 03 j 18:05	1°♉43'00	1°42'55
max. Earth dist.	-9502 Jul 10 j 08:41	12°♉42'22	1.42879 AU
evening rise	-9502 Jul 18 j 15:54	25°♉57'54	
	-9502 Jul 21 j 06:07	0°♊	
desc. node	-9502 Jul 24 j 18:10	5°♊22'46	
	-9502 Aug 10 j 17:12	0°♋	
evening max el	-9502 Aug 17 j 23:28	8°♋43'24	21°14'17
retrograde	-9502 Aug 26 j 12:19	13°♋45'29	
evening set	-9502 Aug 30 j 14:49	12°♋10'53	
asc. node	-9502 Sep 04 j 11:45	6°♋39'25	
inferior conj	-9502 Sep 04 j 22:49	6°♋01'37	0°09'02
minimum elong	-9502 Sep 04 j 22:36	6°♋02'22	0°09'32
transit middle	-9502 Sep 04 j 22:36	6°♋02'22	0°09'32
transit begin	-9502 Sep 04 j 20:23	6°♋09'55	
transit end	-9502 Sep 05 j 00:48	5°♋54'48	
min. Earth dist.	-9502 Sep 05 j 09:22	5°♋25'30	0.67006 AU
	-9502 Sep 09 j 22:19	30°℞♊	
morning rise	-9502 Sep 10 j 06:14	29°♊42'32	
direct	-9502 Sep 15 j 07:59	27°♊34'31	
	-9502 Sep 21 j 11:28	0°♋	
morning max el	-9502 Sep 25 j 23:40	3°♋57'37	23°43'27
	-9502 Oct 15 j 22:11	0°♌	
desc. node	-9502 Oct 20 j 17:26	7°♌16'46	
morning set	-9502 Oct 31 j 01:51	24°♌00'32	
	-9502 Nov 03 j 13:37	0°♍	
max. Earth dist.	-9502 Nov 04 j 08:52	1°♍24'15	1.39135 AU
superior conj	-9502 Nov 11 j 17:37	14°♍46'51	-1°42'19
minimum elong	-9502 Nov 11 j 16:27	14°♍41'25	1°42'04
	-9502 Nov 19 j 15:49	0°♎	
evening rise	-9502 Nov 20 j 18:28	2°♎09'31	
asc. node	-9502 Dec 01 j 10:04	21°♎19'48	
evening max el	-9502 Dec 07 j 04:19	28°♎35'21	18°42'27

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9502 Dec 08 j 19:13	0°♏	
retrograde	-9502 Dec 15 j 04:51	2°♏28'50	
evening set	-9502 Dec 17 j 16:58	2°♏07'30	
	-9502 Dec 22 j 03:36	30°℞♎	
inferior conj	-9502 Dec 25 j 09:45	27°♎40'52	4°12'33
minimum elong	-9502 Dec 25 j 11:00	27°♎38'29	4°12'18
min. Earth dist.	-9502 Dec 28 j 15:02	25°♎16'02	0.58359 AU
morning rise	-9501 Jan 02 j 03:05	22°♎30'21	
direct	-9501 Jan 08 j 02:04	21°♎03'16	
desc. node	-9501 Jan 16 j 18:43	23°♎58'55	
morning max el	-9501 Jan 22 j 04:56	28°♎21'56	26°03'35
	-9501 Jan 23 j 20:05	0°♏	
	-9501 Feb 13 j 02:25	0°♐	
morning set	-9501 Feb 19 j 15:10	13°♐01'14	
superior conj	-9501 Feb 26 j 14:45	28°♐04'00	-0°07'13
minimum elong	-9501 Feb 26 j 15:05	28°♐05'47	0°07'44
behind sun begin	-9501 Feb 26 j 10:41	27°♐41'49	
behind sun end	-9501 Feb 26 j 19:28	28°♐29'46	
max. Earth dist.	-9501 Feb 27 j 02:45	29°♐09'24	1.32856 AU
asc. node	-9501 Feb 27 j 08:15	29°♐39'24	
	-9501 Feb 27 j 12:02	0°♑	
evening rise	-9501 Mar 05 j 18:14	13°♑21'10	
	-9501 Mar 14 j 08:45	0°♒	
	-9501 Apr 04 j 14:03	0°♓	
evening max el	-9501 Apr 05 j 04:52	0°♓36'10	26°52'23
desc. node	-9501 Apr 14 j 18:13	7°♓10'22	
retrograde	-9501 Apr 19 j 06:31	8°♓01'56	
evening set	-9501 Apr 25 j 18:21	6°♓09'23	
min. Earth dist.	-9501 Apr 29 j 17:57	3°♓21'17	0.60431 AU
inferior conj	-9501 May 03 j 01:52	0°♓31'52	-3°33'49
minimum elong	-9501 May 03 j 00:02	0°♓35'48	3°33'59
	-9501 May 03 j 16:53	30°℞♒	
morning rise	-9501 May 10 j 07:56	25°♒46'37	
direct	-9501 May 12 j 20:33	25°♒21'26	
morning max el	-9501 May 19 j 23:59	28°♒50'58	18°10'46
	-9501 May 21 j 02:54	0°♓	
asc. node	-9501 May 26 j 08:19	7°♓02'46	
morning set	-9501 Jun 05 j 02:18	24°♓16'54	
	-9501 Jun 08 j 04:00	0°♈	
superior conj	-9501 Jun 15 j 04:00	12°♈46'19	1°49'57
minimum elong	-9501 Jun 15 j 04:12	12°♈47'13	1°50'00
max. Earth dist.	-9501 Jun 22 j 14:47	25°♈42'01	1.41238 AU
	-9501 Jun 25 j 04:33	0°♉	
evening rise	-9501 Jun 28 j 05:47	4°♉59'44	
desc. node	-9501 Jul 11 j 15:30	25°♉45'14	
	-9501 Jul 14 j 13:05	0°♊	
evening max el	-9501 Jul 31 j 15:55	22°♊04'44	22°31'55
retrograde	-9501 Aug 10 j 06:54	27°♊47'28	
evening set	-9501 Aug 14 j 22:59	25°♊52'02	
inferior conj	-9501 Aug 20 j 04:55	19°♊37'59	-0°41'56
minimum elong	-9501 Aug 20 j 05:48	19°♊34'54	0°41'01
min. Earth dist.	-9501 Aug 20 j 05:06	19°♊37'20	0.67241 AU
asc. node	-9501 Aug 22 j 08:47	16°♊43'18	
morning rise	-9501 Aug 25 j 12:32	13°♊21'12	
direct	-9501 Aug 30 j 00:22	11°♊32'38	
morning max el	-9501 Sep 08 j 12:17	17°♊14'25	22°19'10
	-9501 Sep 18 j 21:20	0°♋	
desc. node	-9501 Oct 07 j 14:16	27°♋41'32	
	-9501 Oct 09 j 01:20	0°♌	
morning set	-9501 Oct 11 j 09:45	3°♌45'30	
max. Earth dist.	-9501 Oct 17 j 09:06	13°♌34'51	1.41110 AU
superior conj	-9501 Oct 25 j 00:11	26°♌45'59	-1°31'40
minimum elong	-9501 Oct 24 j 20:39	26°♌30'20	1°31'03
	-9501 Oct 26 j 19:32	0°♍	

evening rise	-9501 Nov 04 j 05:19	15°♍29'36	
	-9501 Nov 12 j 05:26	0°♎	
asc. node	-9501 Nov 18 j 07:22	9°♎03'56	
evening max el	-9501 Nov 20 j 11:02	11°♎27'16	18°15'07
retrograde	-9501 Nov 27 j 15:18	15°♎04'05	
evening set	-9501 Nov 30 j 04:02	14°♎38'04	
inferior conj	-9501 Dec 07 j 07:48	9°♎50'01	4°10'47
minimum elong	-9501 Dec 07 j 06:01	9°♎53'55	4°10'38
min. Earth dist.	-9501 Dec 10 j 12:04	7°♎04'47	0.60233 AU
morning rise	-9501 Dec 14 j 06:29	4°♎19'42	
direct	-9501 Dec 21 j 01:01	2°♎15'05	
desc. node	-9500 Jan 03 j 15:29	9°♎17'04	
morning max el	-9500 Jan 04 j 02:19	9°♎42'51	27°05'49
	-9500 Jan 19 j 19:13	0°♏	
morning set	-9500 Feb 04 j 00:43	27°♏57'15	
	-9500 Feb 05 j 00:14	0°♐	
max. Earth dist.	-9500 Feb 10 j 16:20	12°♐11'39	1.32759 AU
superior conj	-9500 Feb 11 j 02:35	13°♐07'38	-0°30'21
minimum elong	-9500 Feb 11 j 03:50	13°♐14'27	0°30'38
asc. node	-9500 Feb 14 j 05:23	19°♐55'16	
evening rise	-9500 Feb 18 j 03:22	28°♐16'55	
	-9500 Feb 18 j 23:11	0°♑	
	-9500 Mar 07 j 00:35	0°♒	
evening max el	-9500 Mar 17 j 03:19	12°♒06'26	25°51'03
retrograde	-9500 Mar 31 j 06:08	19°♒22'44	
desc. node	-9500 Mar 31 j 15:24	19°♒22'22	
evening set	-9500 Apr 05 j 20:29	18°♒06'36	
min. Earth dist.	-9500 Apr 10 j 16:25	15°♒15'12	0.58446 AU
inferior conj	-9500 Apr 13 j 22:50	12°♒51'13	-2°58'47
minimum elong	-9500 Apr 13 j 19:00	12°♒58'19	2°58'32
morning rise	-9500 Apr 21 j 20:37	8°♒26'08	
direct	-9500 Apr 24 j 05:37	8°♒07'30	
morning max el	-9500 May 02 j 07:49	11°♒58'16	18°40'21
asc. node	-9500 May 12 j 05:09	25°♒53'23	
	-9500 May 14 j 11:34	0°♓	
morning set	-9500 May 18 j 15:26	7°♓54'59	
superior conj	-9500 May 27 j 15:43	25°♓13'15	1°45'20
minimum elong	-9500 May 27 j 13:42	25°♓03'50	1°45'08
	-9500 May 30 j 05:31	0°♈	
max. Earth dist.	-9500 Jun 03 j 15:44	7°♈57'55	1.39367 AU
evening rise	-9500 Jun 07 j 21:46	15°♈19'08	
	-9500 Jun 16 j 21:56	0°♉	
desc. node	-9500 Jun 27 j 12:50	15°♉52'08	
	-9500 Jul 08 j 05:46	0°♊	
evening max el	-9500 Jul 13 j 03:32	5°♊25'43	23°53'52
retrograde	-9500 Jul 23 j 22:25	11°♊48'52	
evening set	-9500 Jul 29 j 05:12	9°♊32'49	
inferior conj	-9500 Aug 03 j 11:03	3°♊16'46	-1°29'59
minimum elong	-9500 Aug 03 j 12:53	3°♊10'33	1°28'50
min. Earth dist.	-9500 Aug 03 j 00:38	3°♊52'24	0.67179 AU
	-9500 Aug 05 j 23:03	30°℞♉	
asc. node	-9500 Aug 08 j 05:45	27°♉35'50	
morning rise	-9500 Aug 08 j 20:30	27°♉05'45	
direct	-9500 Aug 12 j 20:08	25°♉35'36	
	-9500 Aug 20 j 15:59	0°♊	
morning max el	-9500 Aug 21 j 06:11	0°♊35'49	21°00'30
	-9500 Sep 11 j 16:26	0°♋	
morning set	-9500 Sep 19 j 18:27	12°♋26'32	
desc. node	-9500 Sep 23 j 11:11	18°♋15'44	
max. Earth dist.	-9500 Sep 28 j 15:07	26°♋33'11	1.42823 AU
	-9500 Sep 30 j 17:43	0°♌	
superior conj	-9500 Oct 05 j 06:28	7°♌32'37	-1°07'56
minimum elong	-9500 Oct 05 j 01:27	7°♌11'29	1°06'54
evening rise	-9500 Oct 17 j 02:19	28°♌07'40	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9500 Oct 18 j 03:33	0°♍		
evening max el	-9500 Nov 02 j 22:33	24°♍37'46	18°07'33	
asc. node	-9500 Nov 04 j 04:39	25°♍47'20		
retrograde	-9500 Nov 09 j 15:49	28°♍09'12		
evening set	-9500 Nov 12 j 06:34	27°♍36'54		
inferior conj	-9500 Nov 18 j 22:44	22°♍27'56	3°46'37	
minimum elong	-9500 Nov 18 j 19:22	22°♍36'17	3°46'10	
min. Earth dist.	-9500 Nov 21 j 17:25	19°♍43'19	0.62079 AU	
morning rise	-9500 Nov 25 j 07:08	16°♍41'52		
direct	-9500 Dec 02 j 09:11	14°♍09'34		
morning max el	-9500 Dec 16 j 05:48	21°♍42'45	27°34'44	
desc. node	-9500 Dec 20 j 12:15	26°♍15'13		
	-9500 Dec 23 j 14:33	0°♎		
	-9499 Jan 11 j 18:14	0°♏		
morning set	-9499 Jan 18 j 05:46	12°♏37'07		
max. Earth dist.	-9499 Jan 24 j 03:18	25°♏01'29	1.33007 AU	
superior conj	-9499 Jan 25 j 13:28	28°♏06'09	-0°52'04	
minimum elong	-9499 Jan 25 j 15:25	28°♏16'46	0°52'10	
	-9499 Jan 26 j 10:27	0°♐		
asc. node	-9499 Jan 31 j 02:32	10°♐05'40		
evening rise	-9499 Feb 01 j 14:24	13°♐15'32		
	-9499 Feb 10 j 03:51	0°♑		
evening max el	-9499 Feb 26 j 21:20	23°♑06'51	24°27'21	
	-9499 Mar 11 j 16:10	0°♒		
retrograde	-9499 Mar 12 j 18:06	0°♒02'41		
	-9499 Mar 13 j 20:05	30°℞♑		
evening set	-9499 Mar 17 j 04:42	29°♑18'17		
desc. node	-9499 Mar 18 j 12:33	28°♑48'48		
min. Earth dist.	-9499 Mar 23 j 10:30	26°♑10'55	0.56746 AU	
inferior conj	-9499 Mar 26 j 00:01	24°♑32'22	-1°51'31	
minimum elong	-9499 Mar 25 j 20:07	24°♑38'38	1°50'59	
morning rise	-9499 Apr 03 j 14:39	20°♑23'30		
direct	-9499 Apr 05 j 20:43	20°♑09'28		
morning max el	-9499 Apr 15 j 08:06	24°♑36'37	19°29'47	
	-9499 Apr 19 j 23:58	0°♒		
asc. node	-9499 Apr 29 j 02:01	15°♒13'49		
morning set	-9499 May 02 j 14:12	22°♒06'05		
	-9499 May 06 j 12:47	0°♓		
superior conj	-9499 May 10 j 20:03	8°♓32'48	1°32'37	
minimum elong	-9499 May 10 j 17:09	8°♓18'36	1°32'05	
max. Earth dist.	-9499 May 16 j 16:45	19°♓45'01	1.37524 AU	
evening rise	-9499 May 20 j 16:12	26°♓59'14		
	-9499 May 22 j 09:10	0°♈		
	-9499 Jun 10 j 08:32	0°♉		
desc. node	-9499 Jun 14 j 10:11	5°♉36'14		
evening max el	-9499 Jun 25 j 13:25	18°♉49'07	25°12'34	
retrograde	-9499 Jul 07 j 09:52	25°♉45'05		
evening set	-9499 Jul 13 j 07:29	23°♉11'15		
min. Earth dist.	-9499 Jul 17 j 17:30	18°♉08'23	0.66801 AU	
inferior conj	-9499 Jul 18 j 15:29	16°♉55'51	-2°13'38	
minimum elong	-9499 Jul 18 j 17:57	16°♉47'42	2°12'29	
morning rise	-9499 Jul 24 j 04:24	10°♉53'57		
asc. node	-9499 Jul 26 j 02:41	9°♉55'35		
direct	-9499 Jul 27 j 17:52	9°♉40'16		
morning max el	-9499 Aug 04 j 06:38	14°♉03'26	19°52'46	
	-9499 Aug 16 j 06:04	0°♊		
morning set	-9499 Aug 29 j 20:15	20°♊51'04		
	-9499 Sep 04 j 16:41	0°♋		
desc. node	-9499 Sep 10 j 08:08	8°♋55'02		
max. Earth dist.	-9499 Sep 11 j 03:24	10°♋11'42	1.44042 AU	
superior conj	-9499 Sep 15 j 08:51	16°♋58'33	-0°30'24	
minimum elong	-9499 Sep 15 j 05:33	16°♋45'15	0°29'25	
	-9499 Sep 23 j 07:35	0°♌		
evening rise	-9499 Sep 29 j 04:24	9°♌51'25		

	-9499 Oct 11 j 08:52	0°♍		
evening max el	-9499 Oct 17 j 11:55	7°♍59'16	18°18'52	
asc. node	-9499 Oct 22 j 01:54	11°♍13'36		
retrograde	-9499 Oct 24 j 02:17	11°♍35'06		
evening set	-9499 Oct 26 j 20:56	10°♍54'20		
inferior conj	-9499 Nov 02 j 03:02	5°♍26'33	3°08'28	
minimum elong	-9499 Nov 01 j 23:23	5°♍36'37	3°07'47	
min. Earth dist.	-9499 Nov 04 j 08:34	2°♍58'49	0.63705 AU	
	-9499 Nov 07 j 09:28	30°℞♌		
morning rise	-9499 Nov 08 j 01:10	29°♌27'39		
direct	-9499 Nov 15 j 00:37	26°♌42'18		
	-9499 Nov 23 j 13:00	0°♍		
morning max el	-9499 Nov 28 j 13:40	4°♍16'54	27°28'46	
desc. node	-9499 Dec 07 j 08:58	14°♍24'25		
	-9499 Dec 18 j 03:04	0°♎		
morning set	-9498 Jan 02 j 03:48	26°♎52'07		
	-9498 Jan 03 j 17:18	0°♏		
max. Earth dist.	-9498 Jan 07 j 08:08	7°♏27'39	1.33631 AU	
superior conj	-9498 Jan 09 j 21:38	12°♏53'17	-1°11'29	
minimum elong	-9498 Jan 09 j 23:58	13°♏05'44	1°11'29	
evening rise	-9498 Jan 17 j 01:38	28°♏10'57		
asc. node	-9498 Jan 17 j 23:45	0°♐06'11		
	-9498 Jan 17 j 22:34	0°♐		
	-9498 Feb 04 j 21:24	0°♑		
evening max el	-9498 Feb 08 j 14:59	3°♑57'42	22°53'50	
retrograde	-9498 Feb 21 j 17:08	10°♑18'21		
evening set	-9498 Feb 25 j 02:48	9°♑53'05		
min. Earth dist.	-9498 Mar 05 j 02:04	6°♑18'33	0.55657 AU	
desc. node	-9498 Mar 05 j 09:38	6°♑07'37		
inferior conj	-9498 Mar 06 j 07:04	5°♑36'27	-0°14'04	
minimum elong	-9498 Mar 06 j 06:26	5°♑37'23	0°14'25	
transit middle	-9498 Mar 06 j 06:26	5°♑37'23	0°14'25	
transit begin	-9498 Mar 06 j 04:46	5°♑39'47		
transit end	-9498 Mar 06 j 08:05	5°♑34'58		
morning rise	-9498 Mar 15 j 11:46	1°♑34'52		
direct	-9498 Mar 17 j 19:28	1°♑21'58		
morning max el	-9498 Mar 28 j 22:17	6°♑37'34	20°38'48	
	-9498 Apr 13 j 11:14	0°♒		
asc. node	-9498 Apr 15 j 22:54	4°♒56'46		
morning set	-9498 Apr 16 j 19:42	6°♒42'21		
superior conj	-9498 Apr 24 j 12:27	22°♒32'17	1°14'37	
minimum elong	-9498 Apr 24 j 09:36	22°♒17'51	1°13'50	
	-9498 Apr 28 j 05:45	0°♓		
max. Earth dist.	-9498 Apr 29 j 00:23	1°♓31'25	1.35901 AU	
evening rise	-9498 May 03 j 07:58	9°♓46'13		
	-9498 May 14 j 23:25	0°♈		
desc. node	-9498 Jun 01 j 07:34	24°♈48'17		
	-9498 Jun 05 j 19:46	0°♉		
evening max el	-9498 Jun 07 j 23:49	2°♉14'03	26°19'23	
retrograde	-9498 Jun 20 j 16:39	9°♉31'38		
evening set	-9498 Jun 27 j 03:42	6°♉46'04		
min. Earth dist.	-9498 Jul 01 j 05:21	2°♉22'32	0.66068 AU	
inferior conj	-9498 Jul 02 j 16:18	0°♉33'40	-2°51'13	
minimum elong	-9498 Jul 02 j 19:01	0°♉25'13	2°50'18	
	-9498 Jul 03 j 03:08	30°℞♈		
morning rise	-9498 Jul 08 j 10:26	24°♈44'10		
direct	-9498 Jul 11 j 15:48	23°♈44'35		
asc. node	-9498 Jul 12 j 23:34	23°♈54'20		
morning max el	-9498 Jul 18 j 13:26	27°♈38'33	18°59'27	
	-9498 Jul 20 j 15:57	0°♉		
morning set	-9498 Aug 09 j 11:55	29°♉57'22		
	-9498 Aug 09 j 12:34	0°♊		
max. Earth dist.	-9498 Aug 24 j 20:00	24°♊15'23	1.44611 AU	
superior conj	-9498 Aug 25 j 13:01	25°♊22'41	0°16'11	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9498 Aug 25 j 15:07	25°♊30'59	0°16'29
desc. node	-9498 Aug 28 j 05:10	29°♊36'39	
	-9498 Aug 28 j 11:04	0°♋	
evening rise	-9498 Sep 10 j 06:24	20°♋29'21	
	-9498 Sep 16 j 03:33	0°♌	
evening max el	-9498 Oct 01 j 00:14	21°♌26'14	18°47'54
retrograde	-9498 Oct 07 j 19:06	25°♌15'28	
asc. node	-9498 Oct 08 j 23:07	25°♌07'44	
evening set	-9498 Oct 10 j 19:43	24°♌23'36	
inferior conj	-9498 Oct 16 j 17:22	18°♌39'56	2°22'05
minimum elong	-9498 Oct 16 j 14:18	18°♌49'13	2°21'29
min. Earth dist.	-9498 Oct 18 j 09:30	16°♌38'49	0.65027 AU
morning rise	-9498 Oct 22 j 08:27	12°♌30'58	
direct	-9498 Oct 28 j 22:24	9°♌45'57	
morning max el	-9498 Nov 10 j 23:36	17°♌15'26	26°51'22
	-9498 Nov 21 j 18:19	0°♍	
desc. node	-9498 Nov 24 j 05:40	3°♍23'47	
	-9498 Dec 10 j 22:46	0°♎	
morning set	-9498 Dec 16 j 15:29	10°♎31'18	
max. Earth dist.	-9498 Dec 21 j 03:28	19°♎21'59	1.34674 AU
superior conj	-9498 Dec 25 j 01:00	27°♎21'26	-1°27'31
minimum elong	-9498 Dec 25 j 03:15	27°♎33'07	1°27'30
	-9498 Dec 26 j 07:21	0°♏	
evening rise	-9497 Jan 01 j 11:23	12°♏56'41	
asc. node	-9497 Jan 04 j 21:01	19°♏51'08	
	-9497 Jan 10 j 08:22	0°♐	
evening max el	-9497 Jan 21 j 13:29	15°♐01'26	21°23'34
retrograde	-9497 Feb 02 j 07:55	20°♐35'52	
evening set	-9497 Feb 05 j 02:32	20°♐18'17	
inferior conj	-9497 Feb 14 j 04:14	16°♐17'57	1°34'58
minimum elong	-9497 Feb 14 j 08:13	16°♐12'17	1°33'10
min. Earth dist.	-9497 Feb 14 j 16:15	16°♐00'50	0.55401 AU
desc. node	-9497 Feb 20 j 06:39	13°♐09'44	
morning rise	-9497 Feb 23 j 13:34	12°♐08'36	
direct	-9497 Feb 26 j 09:38	11°♐50'50	
morning max el	-9497 Mar 11 j 01:20	17°♐57'33	22°04'54
	-9497 Mar 20 j 14:09	0°♑	
morning set	-9497 Apr 01 j 05:27	21°♑35'05	
asc. node	-9497 Apr 02 j 19:51	24°♑55'25	
	-9497 Apr 05 j 05:36	0°♒	
superior conj	-9497 Apr 08 j 13:13	6°♒59'49	0°53'20
minimum elong	-9497 Apr 08 j 11:01	6°♒48'15	0°52'27
max. Earth dist.	-9497 Apr 11 j 17:43	13°♒36'18	1.34602 AU
evening rise	-9497 Apr 16 j 15:20	23°♒22'29	
	-9497 Apr 20 j 03:17	0°♓	
	-9497 May 08 j 14:13	0°♈	
desc. node	-9497 May 19 j 04:58	13°♈13'57	
evening max el	-9497 May 21 j 10:43	15°♈31'37	27°06'13
retrograde	-9497 Jun 03 j 18:18	23°♈00'35	
evening set	-9497 Jun 10 j 15:12	20°♈13'08	
min. Earth dist.	-9497 Jun 14 j 10:01	16°♈27'36	0.64936 AU
inferior conj	-9497 Jun 16 j 11:17	14°♈05'57	-3°20'40
minimum elong	-9497 Jun 16 j 13:39	13°♈59'05	3°20'11
morning rise	-9497 Jun 22 j 12:31	8°♈31'45	
direct	-9497 Jun 25 j 11:34	7°♈44'06	
asc. node	-9497 Jun 29 j 20:25	9°♈23'16	
morning max el	-9497 Jul 02 j 00:55	11°♈18'01	18°22'38
	-9497 Jul 15 j 00:17	0°♉	
morning set	-9497 Jul 21 j 04:17	10°♉13'15	
	-9497 Aug 02 j 06:55	0°♊	
superior conj	-9497 Aug 04 j 14:12	3°♊41'13	1°00'31
minimum elong	-9497 Aug 04 j 20:29	4°♊06'18	1°00'20
max. Earth dist.	-9497 Aug 07 j 13:11	8°♊23'33	1.44457 AU
desc. node	-9497 Aug 15 j 02:20	20°♊17'41	
evening rise	-9497 Aug 21 j 05:47	29°♊55'20	
	-9497 Aug 21 j 06:59	0°♋	
greatest brilliancy	-9497 Sep 01 j 02:06	16°♋45'57	-0.7m
	-9497 Sep 10 j 05:26	0°♌	
evening max el	-9497 Sep 14 j 08:55	4°♌54'36	19°33'26
retrograde	-9497 Sep 21 j 15:11	9°♌05'57	
evening set	-9497 Sep 25 j 00:01	7°♌59'58	
asc. node	-9497 Sep 25 j 20:17	7°♌23'02	
inferior conj	-9497 Sep 30 j 14:58	2°♌03'49	1°31'24
minimum elong	-9497 Sep 30 j 12:54	2°♌10'30	1°31'09
min. Earth dist.	-9497 Oct 01 j 18:47	0°♌34'02	0.66030 AU
	-9497 Oct 02 j 05:29	30°℞♋	
morning rise	-9497 Oct 06 j 01:29	25°♋47'57	
direct	-9497 Oct 12 j 02:11	23°♋12'59	
	-9497 Oct 23 j 22:42	0°♌	
morning max el	-9497 Oct 24 j 09:36	0°♌26'56	25°49'27
desc. node	-9497 Nov 11 j 02:23	22°♌58'47	
	-9497 Nov 15 j 17:18	0°♍	
morning set	-9497 Nov 29 j 12:34	23°♍22'09	
	-9497 Dec 03 j 01:45	0°♎	
max. Earth dist.	-9497 Dec 03 j 11:44	0°♎47'43	1.36146 AU
superior conj	-9497 Dec 08 j 20:59	11°♎22'39	-1°38'49
minimum elong	-9497 Dec 08 j 22:30	11°♎30'19	1°38'47
evening rise	-9497 Dec 16 j 17:49	27°♎26'55	
	-9497 Dec 18 j 00:04	0°♏	
asc. node	-9497 Dec 22 j 18:19	9°♏14'08	
evening max el	-9496 Jan 03 j 21:03	26°♏35'13	20°06'22
	-9496 Jan 08 j 13:59	0°♐	
retrograde	-9496 Jan 14 j 01:19	1°♐22'19	
evening set	-9496 Jan 16 j 14:15	1°♐05'46	
	-9496 Jan 19 j 21:20	30°℞♏	
inferior conj	-9496 Jan 25 j 05:01	27°♏04'38	3°05'49
minimum elong	-9496 Jan 25 j 10:39	26°♏56'01	3°04'04
min. Earth dist.	-9496 Jan 27 j 06:06	25°♏49'51	0.56023 AU
morning rise	-9496 Feb 03 j 05:07	22°♏32'54	
direct	-9496 Feb 07 j 03:22	21°♏58'46	
desc. node	-9496 Feb 07 j 03:35	21°♏58'46	
morning max el	-9496 Feb 20 j 19:32	28°♏46'41	23°41'15
	-9496 Feb 22 j 01:08	0°♐	
	-9496 Mar 12 j 11:49	0°♑	
morning set	-9496 Mar 15 j 17:27	6°♑37'29	
asc. node	-9496 Mar 19 j 16:51	15°♑04'47	
superior conj	-9496 Mar 22 j 19:40	21°♑46'48	0°30'16
minimum elong	-9496 Mar 22 j 18:23	21°♑39'56	0°29'26
max. Earth dist.	-9496 Mar 24 j 20:31	26°♑07'04	1.33658 AU
	-9496 Mar 26 j 16:51	0°♒	
evening rise	-9496 Mar 30 j 09:48	7°♒34'24	
	-9496 Apr 11 j 15:51	0°♓	
evening max el	-9496 May 02 j 20:47	28°♓31'08	27°26'02
	-9496 May 04 j 10:56	0°♈	
desc. node	-9496 May 05 j 02:21	0°♈33'46	
retrograde	-9496 May 16 j 14:24	6°♈03'20	
evening set	-9496 May 23 j 14:49	3°♈27'01	
min. Earth dist.	-9496 May 27 j 05:59	0°♈13'16	0.63412 AU
	-9496 May 27 j 11:14	30°℞♓	
inferior conj	-9496 May 29 j 21:44	27°♓27'43	-3°38'59
minimum elong	-9496 May 29 j 23:03	27°♓24'16	3°38'59
morning rise	-9496 Jun 05 j 08:13	22°♓11'10	
direct	-9496 Jun 08 j 02:28	21°♓33'27	
morning max el	-9496 Jun 14 j 14:48	24°♓57'15	18°03'23
asc. node	-9496 Jun 15 j 17:15	26°♓07'06	
	-9496 Jun 18 j 18:40	0°♈	
morning set	-9496 Jul 01 j 21:36	21°♈39'04	
	-9496 Jul 06 j 17:35	0°♉	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9496 Jul 14 j 09:32	12°♉54'15	1°32'04	
minimum elong	-9496 Jul 14 j 15:01	13°♉16'54	1°32'00	
max. Earth dist.	-9496 Jul 20 j 03:25	22°♉16'11	1.43620 AU	
	-9496 Jul 24 j 23:51	0°♊		
evening rise	-9496 Jul 30 j 09:27	8°♊27'04		
desc. node	-9496 Jul 31 j 23:34	10°♊54'37		
	-9496 Aug 13 j 14:14	0°♋		
evening max el	-9496 Aug 27 j 11:52	18°♋20'59	20°33'52	
retrograde	-9496 Sep 04 j 12:03	23°♋02'44		
evening set	-9496 Sep 08 j 07:23	21°♋39'32		
asc. node	-9496 Sep 11 j 17:24	18°♋11'34		
inferior conj	-9496 Sep 13 j 17:25	15°♋34'11	0°39'05	
minimum elong	-9496 Sep 13 j 16:31	15°♋37'13	0°39'18	
min. Earth dist.	-9496 Sep 14 j 10:05	14°♋37'56	0.66732 AU	
morning rise	-9496 Sep 19 j 01:25	9°♋15'02		
direct	-9496 Sep 24 j 11:33	6°♋56'07		
morning max el	-9496 Oct 05 j 19:02	13°♋41'28	24°31'36	
	-9496 Oct 19 j 01:32	0°♌		
desc. node	-9496 Oct 27 j 23:08	12°♌58'30		
	-9496 Nov 07 j 13:29	0°♍		
morning set	-9496 Nov 10 j 13:31	5°♍08'55		
max. Earth dist.	-9496 Nov 14 j 11:10	12°♍04'33	1.37982 AU	
superior conj	-9496 Nov 21 j 06:06	24°♍46'16	-1°43'31	
minimum elong	-9496 Nov 21 j 06:08	24°♍46'27	1°43'24	
	-9496 Nov 23 j 22:34	0°♎		
evening rise	-9496 Nov 29 j 18:46	11°♎34'41		
asc. node	-9496 Dec 08 j 15:37	28°♎06'37		
	-9496 Dec 09 j 19:39	0°♏		
evening max el	-9496 Dec 16 j 14:51	8°♏43'03	19°07'23	
retrograde	-9496 Dec 25 j 07:42	12°♏51'51		
evening set	-9496 Dec 27 j 19:44	12°♏32'48		
inferior conj	-9495 Jan 04 j 20:35	8°♏18'01	3°59'19	
minimum elong	-9495 Jan 04 j 23:55	8°♏12'14	3°58'39	
min. Earth dist.	-9495 Jan 07 j 20:36	6°♏13'50	0.57370 AU	
morning rise	-9495 Jan 13 j 01:49	3°♏20'31		
direct	-9495 Jan 18 j 08:35	2°♏15'08		
desc. node	-9495 Jan 24 j 00:27	3°♏29'54		
morning max el	-9495 Feb 01 j 10:17	9°♏27'03	25°15'51	
	-9495 Feb 16 j 20:15	0°♐		
morning set	-9495 Feb 28 j 05:54	21°♐42'39		
	-9495 Mar 04 j 02:58	0°♑		
asc. node	-9495 Mar 06 j 13:55	5°♑20'09		
superior conj	-9495 Mar 07 j 05:37	6°♑45'27	0°06'29	
minimum elong	-9495 Mar 07 j 05:21	6°♑44'03	0°05'51	
behind sun begin	-9495 Mar 07 j 00:38	6°♑18'26		
behind sun end	-9495 Mar 07 j 10:04	7°♑09'40		
max. Earth dist.	-9495 Mar 08 j 06:18	8°♑59'20	1.33051 AU	
evening rise	-9495 Mar 14 j 11:57	22°♑10'37		
	-9495 Mar 18 j 10:18	0°♒		
	-9495 Apr 05 j 16:35	0°♓		
evening max el	-9495 Apr 15 j 03:55	11°♓01'54	27°14'14	
desc. node	-9495 Apr 21 j 23:39	16°♓21'07		
retrograde	-9495 Apr 29 j 03:49	18°♓31'22		
evening set	-9495 May 05 j 23:01	16°♓20'00		
min. Earth dist.	-9495 May 09 j 16:51	13°♓26'29	0.61568 AU	
inferior conj	-9495 May 12 j 20:31	10°♓32'39	-3°41'44	
minimum elong	-9495 May 12 j 19:59	10°♓33'52	3°41'59	
morning rise	-9495 May 19 j 18:39	5°♓35'27		
direct	-9495 May 22 j 09:06	5°♓06'07		
morning max el	-9495 May 29 j 04:30	8°♓30'24	18°02'33	
asc. node	-9495 Jun 02 j 14:05	13°♓50'37		
	-9495 Jun 12 j 05:34	0°♈		
morning set	-9495 Jun 14 j 11:43	4°♈05'41		
superior conj	-9495 Jun 25 j 07:57	23°♈27'39	1°47'33	
minimum elong	-9495 Jun 25 j 10:01	23°♈36'38	1°47'38	
	-9495 Jun 29 j 03:38	0°♉		
max. Earth dist.	-9495 Jul 02 j 12:37	5°♉38'16	1.42225 AU	
evening rise	-9495 Jul 09 j 13:27	17°♉00'53		
	-9495 Jul 17 j 22:39	0°♊		
desc. node	-9495 Jul 18 j 20:52	1°♊23'56		
	-9495 Aug 08 j 16:46	0°♋		
evening max el	-9495 Aug 10 j 08:08	1°♋44'44	21°46'25	
retrograde	-9495 Aug 19 j 07:48	7°♋03'45		
evening set	-9495 Aug 23 j 15:48	5°♋20'41		
	-9495 Aug 28 j 07:55	30°℞♊		
inferior conj	-9495 Aug 28 j 22:42	29°♊09'11	-0°12'49	
minimum elong	-9495 Aug 28 j 22:58	29°♊08'15	0°12'09	
transit middle	-9495 Aug 28 j 22:58	29°♊08'15	0°12'09	
transit begin	-9495 Aug 28 j 21:10	29°♊14'31		
transit end	-9495 Aug 29 j 00:47	29°♊02'00		
min. Earth dist.	-9495 Aug 29 j 04:55	28°♊47'45	0.67144 AU	
asc. node	-9495 Aug 29 j 14:27	28°♊15'00		
morning rise	-9495 Sep 03 j 06:00	22°♊50'29		
direct	-9495 Sep 08 j 01:44	20°♊50'29		
morning max el	-9495 Sep 18 j 05:30	26°♊56'34	23°07'12	
	-9495 Sep 21 j 01:02	0°♋		
	-9495 Oct 12 j 17:18	0°♌		
desc. node	-9495 Oct 14 j 19:57	3°♌15'56		
morning set	-9495 Oct 22 j 13:03	15°♌38'57		
max. Earth dist.	-9495 Oct 27 j 08:53	23°♌47'26	1.39995 AU	
	-9495 Oct 30 j 22:11	0°♍		
superior conj	-9495 Nov 03 j 23:56	7°♍20'40	-1°39'15	
minimum elong	-9495 Nov 03 j 21:46	7°♍10'47	1°38'52	
evening rise	-9495 Nov 13 j 11:39	25°♍14'09		
	-9495 Nov 15 j 23:45	0°♎		
asc. node	-9495 Nov 25 j 12:54	16°♎18'59		
evening max el	-9495 Nov 29 j 17:35	21°♎21'07	18°28'22	
retrograde	-9495 Dec 07 j 08:03	25°♎05'28		
evening set	-9495 Dec 09 j 20:27	24°♎42'12		
inferior conj	-9495 Dec 17 j 07:33	20°♎06'45	4°15'09	
minimum elong	-9495 Dec 17 j 07:22	20°♎07'08	4°15'02	
min. Earth dist.	-9495 Dec 20 j 14:00	17°♎30'29	0.59151 AU	
morning rise	-9495 Dec 24 j 16:31	14°♎47'33		
direct	-9495 Dec 31 j 01:38	13°♎03'31		
desc. node	-9494 Jan 10 j 21:15	17°♎34'30		
morning max el	-9494 Jan 14 j 03:51	20°♎26'23	26°33'43	
	-9494 Jan 22 j 10:36	0°♏		
	-9494 Feb 09 j 09:54	0°♐		
morning set	-9494 Feb 12 j 17:00	6°♐43'42		
superior conj	-9494 Feb 19 j 17:12	21°♐48'51	-0°17'10	
minimum elong	-9494 Feb 19 j 17:56	21°♐52'53	0°17'34	
max. Earth dist.	-9494 Feb 19 j 19:34	22°♐01'49	1.32773 AU	
asc. node	-9494 Feb 21 j 11:01	25°♐37'01		
	-9494 Feb 23 j 11:34	0°♑		
evening rise	-9494 Feb 26 j 19:09	7°♑01'33		
	-9494 Mar 11 j 00:29	0°♒		
evening max el	-9494 Mar 28 j 05:59	22°♒55'07	26°29'51	
desc. node	-9494 Apr 08 j 20:54	0°♓01'34		
	-9494 Apr 08 j 17:55	0°♓		
retrograde	-9494 Apr 11 j 08:46	0°♓17'10		
	-9494 Apr 13 j 22:47	30°℞♒		
evening set	-9494 Apr 17 j 12:29	28°♒40'23		
min. Earth dist.	-9494 Apr 21 j 19:14	25°♒52'28	0.59569 AU	
inferior conj	-9494 Apr 25 j 03:55	23°♒11'25	-3°22'37	
minimum elong	-9494 Apr 25 j 01:07	23°♒17'02	3°22'40	
morning rise	-9494 May 02 j 16:20	18°♒34'34		
direct	-9494 May 05 j 03:28	18°♒12'17		
morning max el	-9494 May 12 j 15:14	21°♒49'17	18°20'54	
	-9494 May 19 j 00:12	0°♓		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9494 May 20 j 10:55	2°♓19'54	
morning set	-9494 May 28 j 17:43	17°♓20'59	
	-9494 Jun 04 j 10:44	0°♈	
superior conj	-9494 Jun 07 j 07:34	5°♈17'02	1°49'12
minimum elong	-9494 Jun 07 j 06:39	5°♈12'53	1°49'10
max. Earth dist.	-9494 Jun 14 j 16:28	18°♈20'10	1.40461 AU
evening rise	-9494 Jun 19 j 13:46	26°♈33'50	
	-9494 Jun 21 j 16:09	0°♉	
desc. node	-9494 Jul 05 j 18:11	21°♉40'35	
	-9494 Jul 11 j 15:07	0°♊	
evening max el	-9494 Jul 23 j 22:22	15°♊06'11	23°06'39
retrograde	-9494 Aug 03 j 01:02	21°♊05'49	
evening set	-9494 Aug 07 j 23:20	19°♊01'33	
inferior conj	-9494 Aug 13 j 05:01	12°♊46'35	-1°02'44
minimum elong	-9494 Aug 13 j 06:20	12°♊42'04	1°01'43
min. Earth dist.	-9494 Aug 13 j 00:48	13°♊01'08	0.67262 AU
asc. node	-9494 Aug 16 j 11:26	8°♊32'57	
morning rise	-9494 Aug 18 j 13:14	6°♊31'57	
direct	-9494 Aug 22 j 19:45	4°♊51'15	
morning max el	-9494 Aug 31 j 19:58	10°♊14'23	21°44'34
	-9494 Sep 16 j 00:52	0°♋	
desc. node	-9494 Oct 01 j 16:49	23°♋45'14	
morning set	-9494 Oct 02 j 09:48	24°♋52'26	
	-9494 Oct 05 j 14:41	0°♌	
max. Earth dist.	-9494 Oct 09 j 11:37	6°♌19'45	1.41895 AU
superior conj	-9494 Oct 16 j 20:51	18°♌50'54	-1°23'18
minimum elong	-9494 Oct 16 j 16:28	18°♌31'50	1°22'30
	-9494 Oct 23 j 03:47	0°♍	
evening rise	-9494 Oct 27 j 17:06	8°♍17'36	
	-9494 Nov 09 j 11:17	0°♎	
asc. node	-9494 Nov 12 j 10:10	3°♎39'10	
evening max el	-9494 Nov 13 j 02:43	4°♎22'04	18°09'31
retrograde	-9494 Nov 20 j 01:04	7°♎55'12	
evening set	-9494 Nov 22 j 14:36	7°♎26'34	
inferior conj	-9494 Nov 29 j 13:11	2°♎29'08	4°02'44
minimum elong	-9494 Nov 29 j 10:33	2°♎35'14	4°02'26
	-9494 Dec 02 j 05:56	30°℞♍	
min. Earth dist.	-9494 Dec 02 j 13:58	29°♍42'08	0.61039 AU
morning rise	-9494 Dec 06 j 05:17	26°♍51'58	
direct	-9494 Dec 13 j 04:27	24°♍34'13	
	-9494 Dec 24 j 21:25	0°♎	
morning max el	-9494 Dec 27 j 03:50	2°♎03'42	27°22'32
desc. node	-9494 Dec 28 j 18:00	3°♎39'28	
	-9493 Jan 16 j 15:06	0°♏	
morning set	-9493 Jan 28 j 00:55	21°♏34'07	
	-9493 Feb 01 j 00:56	0°♐	
max. Earth dist.	-9493 Feb 03 j 08:44	5°♐01'47	1.32823 AU
superior conj	-9493 Feb 04 j 04:50	6°♐51'15	-0°39'48
minimum elong	-9493 Feb 04 j 06:25	6°♐59'52	0°39'59
asc. node	-9493 Feb 08 j 08:09	15°♐51'24	
evening rise	-9493 Feb 11 j 05:20	21°♐59'53	
	-9493 Feb 15 j 03:32	0°♑	
	-9493 Mar 06 j 03:14	0°♒	
evening max el	-9493 Mar 10 j 02:19	4°♒11'19	25°17'33
retrograde	-9493 Mar 24 j 03:16	11°♒19'56	
desc. node	-9493 Mar 26 j 18:03	11°♒03'43	
evening set	-9493 Mar 29 j 06:25	10°♒18'21	
min. Earth dist.	-9493 Apr 03 j 15:14	7°♒21'50	0.57670 AU
inferior conj	-9493 Apr 06 j 16:36	5°♒15'17	-2°34'26
minimum elong	-9493 Apr 06 j 12:23	5°♒22'37	2°33'57
morning rise	-9493 Apr 14 j 21:33	0°♒57'51	
direct	-9493 Apr 17 j 05:19	0°♒41'20	
morning max el	-9493 Apr 25 j 20:10	4°♒45'20	18°58'59
asc. node	-9493 May 07 j 07:47	21°♒24'26	
	-9493 May 11 j 20:07	0°♓	
morning set	-9493 May 12 j 11:23	1°♓14'39	
superior conj	-9493 May 21 j 03:02	18°♓08'29	1°40'45
minimum elong	-9493 May 21 j 00:31	17°♓56'25	1°40'25
max. Earth dist.	-9493 May 27 j 17:12	0°♈23'19	1.38570 AU
	-9493 May 27 j 12:02	0°♈	
evening rise	-9493 May 31 j 17:28	7°♈28'37	
	-9493 Jun 14 j 14:59	0°♉	
desc. node	-9493 Jun 22 j 15:31	11°♉38'51	
evening max el	-9493 Jul 06 j 08:54	28°♉28'07	24°28'07
	-9493 Jul 07 j 23:15	0°♊	
retrograde	-9493 Jul 17 j 14:51	5°♊05'57	
evening set	-9493 Jul 23 j 04:09	2°♊41'34	
	-9493 Jul 25 j 17:04	30°℞♉	
inferior conj	-9493 Jul 28 j 10:39	26°♉25'35	-1°49'08
minimum elong	-9493 Jul 28 j 12:47	26°♉18'22	1°47'57
min. Earth dist.	-9493 Jul 27 j 19:23	27°♉17'05	0.67069 AU
morning rise	-9493 Aug 02 j 21:24	20°♉18'20	
asc. node	-9493 Aug 03 j 08:24	19°♉59'27	
direct	-9493 Aug 06 j 16:28	18°♉55'33	
morning max el	-9493 Aug 14 j 16:43	23°♉38'45	20°30'05
	-9493 Aug 20 j 00:54	0°♊	
	-9493 Sep 09 j 09:31	0°♋	
morning set	-9493 Sep 11 j 13:02	3°♋19'35	
desc. node	-9493 Sep 18 j 13:43	14°♋21'57	
max. Earth dist.	-9493 Sep 21 j 21:02	19°♋39'02	1.43418 AU
superior conj	-9493 Sep 27 j 15:20	29°♋02'55	-0°53'33
minimum elong	-9493 Sep 27 j 10:32	28°♋43'02	0°52'28
	-9493 Sep 28 j 05:08	0°♌	
evening rise	-9493 Oct 10 j 06:45	20°♌34'30	
	-9493 Oct 15 j 16:52	0°♍	
evening max el	-9493 Oct 27 j 15:20	17°♍37'47	18°10'05
asc. node	-9493 Oct 30 j 07:26	19°♍51'51	
retrograde	-9493 Nov 03 j 06:31	21°♍10'17	
evening set	-9493 Nov 05 j 22:38	20°♍34'42	
inferior conj	-9493 Nov 12 j 10:17	15°♍17'07	3°31'45
minimum elong	-9493 Nov 12 j 06:40	15°♍26'33	3°31'10
min. Earth dist.	-9493 Nov 14 j 23:26	12°♍38'14	0.62799 AU
morning rise	-9493 Nov 18 j 13:50	9°♍25'02	
direct	-9493 Nov 25 j 15:37	6°♍45'43	
morning max el	-9493 Dec 09 j 09:46	14°♍20'14	27°36'28
desc. node	-9493 Dec 15 j 14:44	21°♍10'57	
	-9493 Dec 22 j 05:52	0°♎	
	-9492 Jan 09 j 01:29	0°♏	
morning set	-9492 Jan 12 j 03:20	6°♏04'44	
max. Earth dist.	-9492 Jan 17 j 17:43	17°♏43'49	1.33224 AU
superior conj	-9492 Jan 19 j 14:45	21°♏45'32	-1°00'39
minimum elong	-9492 Jan 19 j 16:55	21°♏57'13	1°00'42
	-9492 Jan 23 j 10:17	0°♐	
asc. node	-9492 Jan 26 j 05:20	5°♐58'07	
evening rise	-9492 Jan 26 j 16:39	6°♐57'46	
	-9492 Feb 08 j 00:11	0°♑	
evening max el	-9492 Feb 19 j 19:15	15°♑03'32	23°47'52
retrograde	-9492 Mar 04 j 09:48	21°♑46'53	
evening set	-9492 Mar 08 j 09:02	21°♑12'04	
desc. node	-9492 Mar 12 j 15:11	19°♑26'21	
min. Earth dist.	-9492 Mar 15 j 07:49	17°♑54'40	0.56191 AU
inferior conj	-9492 Mar 17 j 09:25	16°♑39'03	-1°13'11
minimum elong	-9492 Mar 17 j 06:31	16°♑43'29	1°12'51
morning rise	-9492 Mar 26 j 06:48	12°♑35'14	
direct	-9492 Mar 28 j 12:36	12°♑22'17	
morning max el	-9492 Apr 07 j 16:27	17°♑08'33	19°56'58
	-9492 Apr 17 j 06:47	0°♒	
asc. node	-9492 Apr 23 j 04:41	10°♒55'00	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9492 Apr 25 j 13:19	15°♒37'01	
	-9492 May 02 j 15:43	0°♓	
superior conj	-9492 May 03 j 13:01	1°♓46'31	1°25'30
minimum elong	-9492 May 03 j 10:04	1°♓31'45	1°24'51
max. Earth dist.	-9492 May 08 j 20:03	12°♓05'20	1.36790 AU
evening rise	-9492 May 12 j 21:38	19°♓38'42	
	-9492 May 18 j 19:00	0°♈	
	-9492 Jun 07 j 15:08	0°♉	
desc. node	-9492 Jun 08 j 12:53	1°♉10'52	
evening max el	-9492 Jun 17 j 18:37	11°♉52'02	25°42'53
retrograde	-9492 Jun 30 j 00:32	18°♉59'22	
evening set	-9492 Jul 06 j 04:12	16°♉19'16	
min. Earth dist.	-9492 Jul 10 j 10:24	11°♉33'13	0.66531 AU
inferior conj	-9492 Jul 11 j 13:49	10°♉04'41	-2°30'28
minimum elong	-9492 Jul 11 j 16:27	9°♉56'12	2°29'23
morning rise	-9492 Jul 17 j 04:45	4°♉07'51	
asc. node	-9492 Jul 20 j 05:19	3°♉01'29	
direct	-9492 Jul 20 j 14:25	3°♉00'40	
morning max el	-9492 Jul 27 j 20:08	7°♉10'37	19°28'14
	-9492 Aug 13 j 03:10	0°♊	
morning set	-9492 Aug 20 j 18:42	11°♊56'57	
	-9492 Sep 01 j 06:14	0°♋	
max. Earth dist.	-9492 Sep 03 j 11:21	3°♋30'16	1.44365 AU
desc. node	-9492 Sep 04 j 10:42	5°♋02'57	
superior conj	-9492 Sep 06 j 06:52	7°♋58'42	-0°11'12
minimum elong	-9492 Sep 06 j 05:35	7°♋53'35	0°10'28
behind sun begin	-9492 Sep 05 j 20:55	7°♋19'03	
behind sun end	-9492 Sep 06 j 14:15	8°♋28'09	
	-9492 Sep 19 j 20:08	0°♌	
evening rise	-9492 Sep 20 j 23:19	1°♌52'34	
	-9492 Oct 09 j 05:25	0°♍	
evening max el	-9492 Oct 10 j 04:35	1°♍02'25	18°29'04
asc. node	-9492 Oct 16 j 04:40	4°♍40'57	
retrograde	-9492 Oct 16 j 20:12	4°♍43'15	
evening set	-9492 Oct 19 j 16:59	3°♍58'16	
	-9492 Oct 24 j 09:08	30°℞♌	
inferior conj	-9492 Oct 25 j 19:18	28°♌23'26	2°49'31
minimum elong	-9492 Oct 25 j 15:50	28°♌33'26	2°48'51
min. Earth dist.	-9492 Oct 27 j 19:07	26°♌05'53	0.64304 AU
morning rise	-9492 Oct 31 j 14:04	22°♌19'36	
direct	-9492 Nov 07 j 10:01	19°♌32'44	
morning max el	-9492 Nov 20 j 18:59	27°♌07'08	27°16'16
	-9492 Nov 23 j 13:25	0°♍	
desc. node	-9492 Dec 01 j 11:27	9°♍43'52	
	-9492 Dec 14 j 20:01	0°♎	
morning set	-9492 Dec 25 j 21:26	20°♎06'08	
	-9492 Dec 30 j 19:27	0°♏	
max. Earth dist.	-9492 Dec 30 j 18:45	29°♎56'21	1.34021 AU
superior conj	-9491 Jan 02 j 21:09	6°♏25'24	-1°18'46
minimum elong	-9491 Jan 02 j 23:31	6°♏37'53	1°18'46
evening rise	-9491 Jan 10 j 03:27	21°♏49'27	
asc. node	-9491 Jan 12 j 02:33	25°♏52'27	
	-9491 Jan 14 j 04:02	0°♐	
evening max el	-9491 Jan 31 j 14:14	25°♐56'43	22°14'18
	-9491 Feb 06 j 00:18	0°♑	
retrograde	-9491 Feb 13 j 04:44	1°♑58'57	
evening set	-9491 Feb 16 j 06:17	1°♑38'16	
	-9491 Feb 20 j 19:57	30°℞♐	
inferior conj	-9491 Feb 25 j 10:48	27°♐30'28	0°32'35
minimum elong	-9491 Feb 25 j 12:13	27°♐28'26	0°31'32
min. Earth dist.	-9491 Feb 24 j 23:00	27°♐47'18	0.55436 AU
desc. node	-9491 Feb 27 j 12:16	26°♐20'52	
morning rise	-9491 Mar 06 j 19:00	23°♐27'20	
direct	-9491 Mar 09 j 06:00	23°♐13'28	
morning max el	-9491 Mar 21 j 01:56	28°♐51'51	21°13'40
	-9491 Mar 22 j 05:31	0°♑	
morning set	-9491 Apr 09 j 20:49	0°♒20'18	
	-9491 Apr 09 j 16:52	0°♒	
asc. node	-9491 Apr 10 j 01:35	0°♒44'49	
superior conj	-9491 Apr 17 j 09:19	15°♒58'33	1°05'54
minimum elong	-9491 Apr 17 j 06:42	15°♒45'02	1°05'02
max. Earth dist.	-9491 Apr 21 j 07:09	23°♒55'16	1.35299 AU
	-9491 Apr 24 j 09:28	0°♓	
evening rise	-9491 Apr 25 j 20:37	2°♓48'06	
	-9491 May 11 j 17:10	0°♈	
desc. node	-9491 May 26 j 10:19	20°♈05'03	
evening max el	-9491 May 31 j 05:15	25°♈14'29	26°42'22
	-9491 Jun 05 j 22:07	0°♉	
retrograde	-9491 Jun 13 j 05:26	2°♉38'53	
evening set	-9491 Jun 19 j 21:04	29°♈51'10	
	-9491 Jun 19 j 16:52	30°℞♈	
min. Earth dist.	-9491 Jun 23 j 19:32	25°♈44'02	0.65623 AU
inferior conj	-9491 Jun 25 j 12:26	23°♈40'26	-3°04'56
minimum elong	-9491 Jun 25 j 15:05	23°♈32'25	3°04'11
morning rise	-9491 Jul 01 j 09:20	17°♈56'59	
direct	-9491 Jul 04 j 11:43	17°♈02'50	
asc. node	-9491 Jul 07 j 02:12	17°♈39'38	
morning max el	-9491 Jul 11 j 05:08	20°♈47'36	18°41'43
	-9491 Jul 18 j 07:33	0°♉	
morning set	-9491 Jul 31 j 20:15	21°♉30'52	
	-9491 Aug 06 j 02:35	0°♊	
superior conj	-9491 Aug 16 j 06:56	16°♊12'32	0°36'00
minimum elong	-9491 Aug 16 j 11:19	16°♊29'54	0°36'01
max. Earth dist.	-9491 Aug 17 j 04:07	17°♊36'18	1.44628 AU
desc. node	-9491 Aug 22 j 07:48	25°♊44'43	
	-9491 Aug 25 j 00:25	0°♋	
evening rise	-9491 Sep 01 j 13:54	11°♋59'20	
	-9491 Sep 12 j 23:30	0°♌	
evening max el	-9491 Sep 23 j 15:43	14°♌30'43	19°05'21
retrograde	-9491 Sep 30 j 14:38	18°♌28'09	
asc. node	-9491 Oct 03 j 01:53	17°♌53'04	
evening set	-9491 Oct 03 j 18:26	17°♌30'47	
inferior conj	-9491 Oct 09 j 13:03	11°♌41'43	2°00'56
minimum elong	-9491 Oct 09 j 10:23	11°♌50'04	2°00'28
min. Earth dist.	-9491 Oct 10 j 23:54	9°♌53'16	0.65498 AU
morning rise	-9491 Oct 15 j 01:55	5°♌29'24	
direct	-9491 Oct 21 j 10:41	2°♌47'19	
morning max el	-9491 Nov 03 j 04:57	10°♌11'51	26°27'22
desc. node	-9491 Nov 18 j 08:09	28°♌59'48	
	-9491 Nov 19 j 00:50	0°♍	
	-9491 Dec 07 j 07:07	0°♎	
morning set	-9491 Dec 09 j 03:30	3°♎26'22	
max. Earth dist.	-9491 Dec 13 j 09:01	11°♎35'24	1.35250 AU
superior conj	-9491 Dec 17 j 21:45	20°♎43'18	-1°33'00
minimum elong	-9491 Dec 17 j 23:47	20°♎53'42	1°32'59
	-9491 Dec 22 j 09:04	0°♏	
evening rise	-9491 Dec 25 j 12:01	6°♏29'02	
asc. node	-9491 Dec 29 j 23:50	15°♏28'44	
	-9490 Jan 07 j 13:49	0°♐	
evening max el	-9490 Jan 13 j 16:28	7°♐12'41	20°48'45
retrograde	-9490 Jan 24 j 18:44	12°♐25'44	
evening set	-9490 Jan 27 j 10:03	12°♐09'14	
inferior conj	-9490 Feb 05 j 07:52	8°♐11'02	2°17'20
minimum elong	-9490 Feb 05 j 13:06	8°♐03'27	2°15'19
min. Earth dist.	-9490 Feb 06 j 13:08	7°♐28'36	0.55565 AU
desc. node	-9490 Feb 14 j 09:15	3°♐56'33	
morning rise	-9490 Feb 14 j 14:53	3°♐53'10	
direct	-9490 Feb 17 j 20:51	3°♐29'58	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9490 Mar 03 j 00:39	9°♐56'33	22°45'11
	-9490 Mar 17 j 11:49	0°♑	
morning set	-9490 Mar 25 j 07:46	15°♑18'04	
asc. node	-9490 Mar 27 j 22:33	20°♑48'42	
	-9490 Apr 01 j 06:07	0°♒	
superior conj	-9490 Apr 01 j 12:48	0°♒35'26	0°43'42
minimum elong	-9490 Apr 01 j 10:58	0°♒25'42	0°42'49
max. Earth dist.	-9490 Apr 04 j 04:53	6°♒11'57	1.34159 AU
evening rise	-9490 Apr 09 j 09:15	16°♒41'36	
	-9490 Apr 16 j 11:45	0°♓	
	-9490 May 06 j 03:43	0°♈	
desc. node	-9490 May 13 j 07:43	8°♈05'50	
evening max el	-9490 May 13 j 16:18	8°♈26'51	27°18'27
retrograde	-9490 May 27 j 04:44	15°♈57'33	
evening set	-9490 Jun 03 j 03:55	13°♈13'29	
min. Earth dist.	-9490 Jun 06 j 20:48	9°♈42'15	0.64329 AU
inferior conj	-9490 Jun 09 j 04:10	7°♈09'18	-3°30'04
minimum elong	-9490 Jun 09 j 06:12	7°♈03'41	3°29'48
morning rise	-9490 Jun 15 j 09:01	1°♈42'00	
direct	-9490 Jun 18 j 05:54	0°♈58'42	
asc. node	-9490 Jun 23 j 23:02	3°♈42'14	
morning max el	-9490 Jun 24 j 17:51	4°♈27'10	18°12'13
	-9490 Jul 11 j 15:06	0°♉	
morning set	-9490 Jul 12 j 23:37	2°♉17'31	
superior conj	-9490 Jul 26 j 13:44	24°♉47'58	1°15'51
minimum elong	-9490 Jul 26 j 20:16	25°♉14'17	1°15'39
	-9490 Jul 29 j 19:23	0°♊	
max. Earth dist.	-9490 Jul 30 j 20:31	1°♊40'17	1.44183 AU
desc. node	-9490 Aug 09 j 04:59	16°♊24'23	
evening rise	-9490 Aug 12 j 03:12	20°♊57'39	
	-9490 Aug 17 j 23:32	0°♋	
greatest brilliancy	-9490 Aug 24 j 21:12	10°♋30'14	-0.7m
evening max el	-9490 Sep 06 j 22:16	27°♋58'54	19°57'28
	-9490 Sep 09 j 02:37	0°♌	
retrograde	-9490 Sep 14 j 11:12	2°♌21'41	
evening set	-9490 Sep 18 j 00:19	1°♌08'37	
	-9490 Sep 19 j 10:03	30°℞♋	
asc. node	-9490 Sep 19 j 23:02	29°♋28'18	
inferior conj	-9490 Sep 23 j 12:58	25°♋08'20	1°09'17
minimum elong	-9490 Sep 23 j 11:23	25°♋13'32	1°09'13
min. Earth dist.	-9490 Sep 24 j 11:55	23°♋52'43	0.66373 AU
morning rise	-9490 Sep 28 j 22:13	18°♋50'54	
direct	-9490 Oct 04 j 16:54	16°♋22'09	
morning max el	-9490 Oct 16 j 14:27	23°♋24'37	25°17'39
	-9490 Oct 22 j 11:57	0°♌	
desc. node	-9490 Nov 05 j 04:52	18°♌46'19	
	-9490 Nov 12 j 09:36	0°♍	
morning set	-9490 Nov 21 j 16:43	15°♍51'31	
max. Earth dist.	-9490 Nov 25 j 12:57	22°♍53'47	1.36898 AU
	-9490 Nov 29 j 06:28	0°♎	
superior conj	-9490 Dec 01 j 13:38	4°♎30'07	-1°41'45
minimum elong	-9490 Dec 01 j 14:37	4°♎35'01	1°41'42
evening rise	-9490 Dec 09 j 16:25	20°♎50'37	
	-9490 Dec 14 j 08:14	0°♏	
asc. node	-9490 Dec 16 j 21:08	4°♏39'44	
evening max el	-9490 Dec 27 j 04:27	19°♏01'04	19°38'48
retrograde	-9489 Jan 05 j 16:27	23°♏30'04	
evening set	-9489 Jan 08 j 04:57	23°♏12'35	
inferior conj	-9489 Jan 16 j 13:53	19°♏06'43	3°33'29
minimum elong	-9489 Jan 16 j 18:54	18°♏58'40	3°32'11
min. Earth dist.	-9489 Jan 19 j 02:44	17°♏29'35	0.56527 AU
morning rise	-9489 Jan 25 j 06:43	14°♏24'18	
direct	-9489 Jan 29 j 19:00	13°♏38'31	
desc. node	-9489 Feb 01 j 06:09	13°♏52'30	
morning max el	-9489 Feb 12 j 16:23	20°♏37'50	24°22'38
	-9489 Feb 20 j 16:05	0°♐	
morning set	-9489 Mar 09 j 20:11	0°♑22'36	
	-9489 Mar 09 j 15:52	0°♑	
asc. node	-9489 Mar 14 j 19:34	11°♑01'08	
superior conj	-9489 Mar 16 j 20:57	15°♑28'02	0°20'11
minimum elong	-9489 Mar 16 j 20:07	15°♑23'27	0°19'27
max. Earth dist.	-9489 Mar 18 j 11:18	18°♑54'08	1.33363 AU
	-9489 Mar 23 j 18:30	0°♒	
evening rise	-9489 Mar 24 j 07:21	1°♒05'06	
	-9489 Apr 09 j 11:30	0°♓	
evening max el	-9489 Apr 26 j 01:28	21°♓15'27	27°25'01
desc. node	-9489 Apr 30 j 05:04	24°♓50'02	
retrograde	-9489 May 09 j 21:47	28°♓46'11	
evening set	-9489 May 16 j 21:21	26°♓19'00	
min. Earth dist.	-9489 May 20 j 12:44	23°♓15'38	0.62665 AU
inferior conj	-9489 May 23 j 10:03	20°♓24'30	-3°42'23
minimum elong	-9489 May 23 j 10:40	20°♓22'57	3°42'32
morning rise	-9489 May 30 j 01:10	15°♓15'57	
direct	-9489 Jun 01 j 17:51	14°♓41'49	
morning max el	-9489 Jun 08 j 07:55	18°♓04'03	18°00'45
asc. node	-9489 Jun 10 j 19:52	20°♓52'50	
	-9489 Jun 16 j 22:51	0°♈	
morning set	-9489 Jun 25 j 02:21	14°♈10'19	
	-9489 Jul 04 j 03:46	0°♉	
superior conj	-9489 Jul 06 j 20:13	4°♉33'30	1°40'33
minimum elong	-9489 Jul 07 j 00:21	4°♉50'53	1°40'35
max. Earth dist.	-9489 Jul 13 j 09:18	15°♉23'12	1.43087 AU
evening rise	-9489 Jul 22 j 04:05	29°♉21'52	
	-9489 Jul 22 j 13:52	0°♊	
desc. node	-9489 Jul 27 j 02:15	6°♊58'23	
	-9489 Aug 11 j 17:40	0°♋	
evening max el	-9489 Aug 20 j 22:25	11°♋24'02	21°03'29
retrograde	-9489 Aug 29 j 07:48	16°♋20'45	
evening set	-9489 Sep 02 j 08:24	14°♋49'07	
asc. node	-9489 Sep 06 j 20:06	9°♋51'03	
inferior conj	-9489 Sep 07 j 16:50	8°♋40'40	0°16'56
minimum elong	-9489 Sep 07 j 16:26	8°♋42'02	0°17'21
min. Earth dist.	-9489 Sep 08 j 04:55	7°♋59'25	0.66939 AU
morning rise	-9489 Sep 13 j 00:21	2°♋21'29	
direct	-9489 Sep 18 j 04:12	0°♋10'42	
morning max el	-9489 Sep 29 j 00:09	6°♋39'53	23°56'08
	-9489 Oct 17 j 03:17	0°♌	
desc. node	-9489 Oct 23 j 01:38	8°♌54'34	
morning set	-9489 Nov 03 j 07:32	27°♌07'29	
	-9489 Nov 04 j 23:44	0°♍	
max. Earth dist.	-9489 Nov 07 j 11:23	4°♍20'53	1.38832 AU
superior conj	-9489 Nov 14 j 16:56	17°♍35'02	-1°42'59
minimum elong	-9489 Nov 14 j 16:06	17°♍31'09	1°42'46
	-9489 Nov 21 j 03:27	0°♎	
evening rise	-9489 Nov 23 j 14:22	4°♎48'09	
asc. node	-9489 Dec 03 j 18:26	23°♎16'58	
	-9489 Dec 08 j 18:13	0°♏	
evening max el	-9489 Dec 10 j 02:16	1°♏22'46	18°48'13
retrograde	-9489 Dec 18 j 06:47	5°♏19'55	
evening set	-9489 Dec 20 j 18:48	4°♏59'15	
inferior conj	-9489 Dec 28 j 13:39	0°♏35'45	4°10'12
minimum elong	-9489 Dec 28 j 15:27	0°♏32'25	4°09'52
	-9489 Dec 29 j 08:54	30°℞♎	
min. Earth dist.	-9489 Dec 31 j 18:01	28°♎15'37	0.58093 AU
morning rise	-9488 Jan 05 j 10:02	25°♎28'20	
direct	-9488 Jan 11 j 05:00	24°♎07'04	
desc. node	-9488 Jan 19 j 02:59	26°♎32'52	
	-9488 Jan 23 j 19:11	0°♏	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9488 Jan 25 j 07:56	1°♏24'23	25°51'54
	-9488 Feb 14 j 12:12	0°♐	
morning set	-9488 Feb 22 j 08:19	15°♐27'18	
superior conj	-9488 Feb 29 j 07:49	0°♑29'38	-0°03'39
minimum elong	-9488 Feb 29 j 08:00	0°♑30'36	0°04'11
behind sun begin	-9488 Feb 29 j 03:09	0°♑04'07	
behind sun end	-9488 Feb 29 j 12:52	0°♑57'05	
	-9488 Feb 29 j 02:23	0°♑	
asc. node	-9488 Feb 29 j 16:39	1°♑17'44	
max. Earth dist.	-9488 Feb 29 j 23:07	1°♑52'55	1.32897 AU
evening rise	-9488 Mar 07 j 11:56	15°♑48'31	
	-9488 Mar 14 j 18:21	0°♒	
	-9488 Apr 03 j 21:45	0°♓	
evening max el	-9488 Apr 07 j 06:25	3°♓29'49	26°59'00
desc. node	-9488 Apr 16 j 02:21	9°♓47'40	
retrograde	-9488 Apr 21 j 07:45	10°♓56'55	
evening set	-9488 Apr 27 j 21:51	8°♓59'06	
min. Earth dist.	-9488 May 01 j 19:32	6°♓10'11	0.60730 AU
inferior conj	-9488 May 05 j 02:40	3°♓18'48	-3°36'43
minimum elong	-9488 May 05 j 01:11	3°♓22'03	3°36'56
	-9488 May 09 j 07:33	30°℞♒	
morning rise	-9488 May 12 j 06:37	28°♒30'34	
direct	-9488 May 14 j 19:41	28°♒04'23	
	-9488 May 20 j 01:17	0°♓	
morning max el	-9488 May 21 j 20:45	1°♓32'07	18°08'01
asc. node	-9488 May 27 j 16:42	8°♓56'59	
morning set	-9488 Jun 06 j 23:42	26°♓58'17	
	-9488 Jun 08 j 14:57	0°♈	
superior conj	-9488 Jun 17 j 05:54	15°♈40'32	1°49'43
minimum elong	-9488 Jun 17 j 06:33	15°♈43'26	1°49'48
max. Earth dist.	-9488 Jun 24 j 16:04	28°♈28'20	1.41500 AU
	-9488 Jun 25 j 14:00	0°♉	
evening rise	-9488 Jun 30 j 14:47	8°♉14'21	
desc. node	-9488 Jul 12 j 23:32	27°♉22'35	
	-9488 Jul 14 j 18:06	0°♊	
evening max el	-9488 Aug 02 j 15:42	24°♊45'22	22°20'00
	-9488 Aug 09 j 22:34	0°♋	
retrograde	-9488 Aug 12 j 02:44	0°♋22'11	
	-9488 Aug 14 j 04:22	30°℞♊	
evening set	-9488 Aug 16 j 16:39	28°♊30'01	
inferior conj	-9488 Aug 21 j 22:45	22°♊16'27	-0°34'21
minimum elong	-9488 Aug 21 j 23:29	22°♊13'55	0°33'31
min. Earth dist.	-9488 Aug 22 j 00:30	22°♊10'24	0.67219 AU
asc. node	-9488 Aug 23 j 17:07	19°♊52'24	
morning rise	-9488 Aug 27 j 06:13	15°♊59'00	
direct	-9488 Aug 31 j 20:01	14°♊07'30	
morning max el	-9488 Sep 10 j 12:06	19°♊55'56	22°31'31
	-9488 Sep 18 j 21:54	0°♋	
desc. node	-9488 Oct 08 j 22:25	29°♋17'17	
	-9488 Oct 09 j 09:18	0°♌	
morning set	-9488 Oct 13 j 19:24	7°♌03'41	
max. Earth dist.	-9488 Oct 19 j 10:35	16°♌22'54	1.40823 AU
superior conj	-9488 Oct 27 j 02:33	29°♌43'27	-1°34'06
minimum elong	-9488 Oct 26 j 23:22	29°♌29'13	1°33'32
	-9488 Oct 27 j 06:14	0°♍	
evening rise	-9488 Nov 06 j 02:51	18°♍13'16	
	-9488 Nov 12 j 12:20	0°♎	
asc. node	-9488 Nov 19 j 15:42	11°♎08'53	
evening max el	-9488 Nov 22 j 08:02	14°♎11'20	18°17'56
retrograde	-9488 Nov 29 j 14:41	17°♎49'42	
evening set	-9488 Dec 02 j 03:16	17°♎24'29	
inferior conj	-9488 Dec 09 j 08:54	12°♎39'48	4°12'44
minimum elong	-9488 Dec 09 j 07:29	12°♎42'50	4°12'35
min. Earth dist.	-9488 Dec 12 j 14:05	9°♎56'06	0.59953 AU

morning rise	-9488 Dec 16 j 10:07	7°♎12'09	
direct	-9488 Dec 23 j 02:37	5°♎12'30	
desc. node	-9487 Jan 04 j 23:45	11°♎32'46	
morning max el	-9487 Jan 06 j 04:16	12°♎39'20	26°58'27
	-9487 Jan 19 j 23:00	0°♏	
morning set	-9487 Feb 05 j 18:19	0°♐24'45	
	-9487 Feb 05 j 13:33	0°♐	
superior conj	-9487 Feb 12 j 19:39	15°♐33'25	-0°26'56
minimum elong	-9487 Feb 12 j 20:47	15°♐39'32	0°27'14
max. Earth dist.	-9487 Feb 12 j 12:39	14°♐55'06	1.32752 AU
asc. node	-9487 Feb 15 j 13:46	21°♐33'56	
evening rise	-9487 Feb 19 j 20:38	0°♑43'11	
	-9487 Feb 19 j 12:23	0°♑	
	-9487 Mar 08 j 01:21	0°♒	
evening max el	-9487 Mar 20 j 05:49	15°♒06'01	26°01'56
desc. node	-9487 Apr 02 j 23:34	22°♒23'53	
retrograde	-9487 Apr 03 j 08:57	22°♒24'16	
evening set	-9487 Apr 09 j 02:57	21°♒02'54	
min. Earth dist.	-9487 Apr 13 j 19:02	18°♒12'46	0.58728 AU
inferior conj	-9487 Apr 17 j 02:28	15°♒43'39	-3°06'09
minimum elong	-9487 Apr 16 j 22:51	15°♒50'29	3°05'58
morning rise	-9487 Apr 24 j 21:45	11°♒15'35	
direct	-9487 Apr 27 j 07:15	10°♒56'06	
morning max el	-9487 May 05 j 05:27	14°♒42'58	18°34'40
asc. node	-9487 May 14 j 13:34	27°♒42'34	
	-9487 May 15 j 20:38	0°♓	
morning set	-9487 May 21 j 11:09	10°♓31'03	
superior conj	-9487 May 30 j 14:43	27°♓58'31	1°46'38
minimum elong	-9487 May 30 j 12:57	27°♓50'18	1°46'29
	-9487 May 31 j 16:56	0°♈	
max. Earth dist.	-9487 Jun 06 j 17:32	10°♈50'20	1.39652 AU
evening rise	-9487 Jun 11 j 02:43	18°♈21'54	
	-9487 Jun 18 j 05:43	0°♉	
desc. node	-9487 Jun 29 j 20:53	17°♉32'18	
	-9487 Jul 09 j 02:05	0°♊	
evening max el	-9487 Jul 16 j 03:55	8°♊06'25	23°41'41
retrograde	-9487 Jul 26 j 18:43	14°♊23'40	
evening set	-9487 Jul 31 j 23:15	12°♊10'43	
inferior conj	-9487 Aug 06 j 05:00	5°♊54'53	-1°22'58
minimum elong	-9487 Aug 06 j 06:42	5°♊49'04	1°21'50
min. Earth dist.	-9487 Aug 05 j 20:14	6°♊24'55	0.67212 AU
asc. node	-9487 Aug 10 j 14:06	0°♊34'15	
	-9487 Aug 11 j 05:27	30°℞♉	
morning rise	-9487 Aug 11 j 14:04	29°♉42'43	
direct	-9487 Aug 15 j 15:26	28°♉09'50	
	-9487 Aug 20 j 11:48	0°♊	
morning max el	-9487 Aug 24 j 05:00	3°♊15'52	21°11'32
	-9487 Sep 12 j 22:44	0°♋	
morning set	-9487 Sep 23 j 06:39	15°♋50'56	
desc. node	-9487 Sep 25 j 19:18	19°♋49'54	
max. Earth dist.	-9487 Oct 01 j 15:28	29°♋13'20	1.42598 AU
	-9487 Oct 02 j 02:53	0°♌	
superior conj	-9487 Oct 08 j 12:43	10°♌41'11	-1°12'25
minimum elong	-9487 Oct 08 j 07:47	10°♌20'13	1°11'27
	-9487 Oct 19 j 13:18	0°♍	
evening rise	-9487 Oct 20 j 02:08	0°♍57'29	
evening max el	-9487 Nov 05 j 19:03	27°♍19'16	18°07'31
asc. node	-9487 Nov 06 j 12:58	28°♍02'04	
	-9487 Nov 09 j 06:56	0°♎	
retrograde	-9487 Nov 12 j 13:18	0°♎50'41	
evening set	-9487 Nov 15 j 03:44	0°♎19'21	
	-9487 Nov 15 j 21:08	30°℞♍	
inferior conj	-9487 Nov 21 j 21:31	25°♍13'22	3°51'19
minimum elong	-9487 Nov 21 j 18:17	25°♍21'13	3°50'54

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

min. Earth dist.	-9487 Nov 24 j 17:56	22°♍27'34	0.61816 AU
morning rise	-9487 Nov 28 j 07:46	19°♍29'37	
direct	-9487 Dec 05 j 09:30	17°♍00'33	
morning max el	-9487 Dec 19 j 06:47	24°♍32'44	27°32'41
desc. node	-9487 Dec 22 j 20:29	28°♍17'32	
	-9487 Dec 24 j 07:59	0°♎	
	-9486 Jan 13 j 04:26	0°♏	
morning set	-9486 Jan 21 j 00:11	15°♏07'27	
max. Earth dist.	-9486 Jan 27 j 00:19	27°♏47'55	1.32948 AU
superior conj	-9486 Jan 28 j 06:48	0°♐33'07	-0°48'54
minimum elong	-9486 Jan 28 j 08:40	0°♐43'16	0°49'02
	-9486 Jan 28 j 00:42	0°♐	
asc. node	-9486 Feb 02 j 10:56	11°♐45'27	
evening rise	-9486 Feb 04 j 07:31	15°♐41'58	
	-9486 Feb 11 j 12:41	0°♑	
evening max el	-9486 Mar 02 j 00:26	26°♑10'14	24°40'48
	-9486 Mar 06 j 17:41	0°♒	
retrograde	-9486 Mar 15 j 22:38	3°♒09'35	
evening set	-9486 Mar 20 j 13:29	2°♒21'12	
desc. node	-9486 Mar 20 j 20:45	2°♒14'48	
	-9486 Mar 25 j 09:49	30°℞♑	
min. Earth dist.	-9486 Mar 26 j 13:35	29°♑16'59	0.56968 AU
inferior conj	-9486 Mar 29 j 06:39	27°♑30'50	-2°03'55
minimum elong	-9486 Mar 29 j 02:34	27°♑37'33	2°03'21
morning rise	-9486 Apr 06 j 18:47	23°♑19'52	
direct	-9486 Apr 09 j 01:16	23°♑05'14	
morning max el	-9486 Apr 18 j 07:01	27°♑26'02	19°21'11
	-9486 Apr 20 j 17:14	0°♒	
asc. node	-9486 May 01 j 10:26	16°♒59'05	
morning set	-9486 May 05 j 08:46	24°♒38'04	
	-9486 May 08 j 01:21	0°♓	
superior conj	-9486 May 13 j 16:58	11°♓11'14	1°34'58
minimum elong	-9486 May 13 j 14:08	10°♓57'26	1°34'28
max. Earth dist.	-9486 May 19 j 18:26	22°♓41'22	1.37790 AU
evening rise	-9486 May 23 j 17:34	29°♓50'51	
	-9486 May 23 j 19:38	0°♈	
	-9486 Jun 11 j 12:27	0°♉	
desc. node	-9486 Jun 16 j 18:17	7°♉20'31	
evening max el	-9486 Jun 28 j 14:01	21°♉29'49	25°01'19
retrograde	-9486 Jul 10 j 06:46	28°♉21'06	
evening set	-9486 Jul 16 j 02:16	25°♉49'36	
min. Earth dist.	-9486 Jul 20 j 13:39	20°♉41'04	0.66886 AU
inferior conj	-9486 Jul 21 j 09:49	19°♉34'04	-2°07'24
minimum elong	-9486 Jul 21 j 12:13	19°♉26'07	2°06'13
morning rise	-9486 Jul 26 j 22:08	13°♉30'41	
asc. node	-9486 Jul 28 j 11:03	12°♉39'35	
direct	-9486 Jul 30 j 13:02	12°♉14'37	
morning max el	-9486 Aug 07 j 04:30	16°♉42'36	20°01'57
	-9486 Aug 17 j 10:01	0°♊	
morning set	-9486 Sep 02 j 08:10	24°♊14'12	
	-9486 Sep 06 j 00:51	0°♋	
desc. node	-9486 Sep 12 j 16:16	10°♋28'31	
max. Earth dist.	-9486 Sep 14 j 03:15	12°♋47'56	1.43903 AU
superior conj	-9486 Sep 18 j 19:15	20°♋18'50	-0°36'50
minimum elong	-9486 Sep 18 j 15:25	20°♋03'15	0°35'48
	-9486 Sep 24 j 16:45	0°♌	
evening rise	-9486 Oct 02 j 07:24	12°♌50'11	
	-9486 Oct 12 j 12:29	0°♍	
evening max el	-9486 Oct 20 j 08:19	10°♍39'28	18°16'04
asc. node	-9486 Oct 24 j 10:12	13°♍41'02	
retrograde	-9486 Oct 26 j 22:37	14°♍14'08	
evening set	-9486 Oct 29 j 16:36	13°♍34'42	
inferior conj	-9486 Nov 05 j 00:03	8°♍09'25	3°14'52
minimum elong	-9486 Nov 04 j 20:24	8°♍19'24	3°14'13

min. Earth dist.	-9486 Nov 07 j 07:33	5°♍38'33	0.63476 AU
morning rise	-9486 Nov 10 j 23:30	2°♍12'17	
	-9486 Nov 14 j 20:51	30°℞♌	
direct	-9486 Nov 17 j 23:47	29°♌28'10	
	-9486 Nov 21 j 06:21	0°♍	
morning max el	-9486 Dec 01 j 14:15	7°♍02'42	27°31'54
desc. node	-9486 Dec 09 j 17:12	16°♍17'35	
	-9486 Dec 19 j 08:44	0°♎	
morning set	-9485 Jan 04 j 23:30	29°♎27'07	
	-9485 Jan 05 j 06:06	0°♏	
max. Earth dist.	-9485 Jan 10 j 06:28	10°♏19'18	1.33512 AU
superior conj	-9485 Jan 12 j 15:32	15°♏22'38	-1°08'43
minimum elong	-9485 Jan 12 j 17:50	15°♏34'58	1°08'45
	-9485 Jan 19 j 11:31	0°♐	
evening rise	-9485 Jan 19 j 18:53	0°♐38'40	
asc. node	-9485 Jan 20 j 08:08	1°♐47'55	
	-9485 Feb 05 j 13:14	0°♑	
evening max el	-9485 Feb 11 j 17:47	7°♑01'01	23°07'50
retrograde	-9485 Feb 24 j 23:27	13°♑27'52	
evening set	-9485 Feb 28 j 12:28	13°♑00'27	
desc. node	-9485 Mar 07 j 17:51	9°♑47'30	
min. Earth dist.	-9485 Mar 08 j 05:19	9°♑30'53	0.55774 AU
inferior conj	-9485 Mar 09 j 16:06	8°♑39'55	-0°30'13
minimum elong	-9485 Mar 09 j 14:47	8°♑41'51	0°30'22
morning rise	-9485 Mar 18 j 19:09	4°♑38'15	
direct	-9485 Mar 21 j 02:08	4°♑25'27	
morning max el	-9485 Mar 31 j 22:51	9°♑32'58	20°27'21
	-9485 Apr 14 j 21:49	0°♒	
asc. node	-9485 Apr 18 j 07:22	6°♒39'02	
morning set	-9485 Apr 19 j 13:26	9°♒10'57	
superior conj	-9485 Apr 27 j 07:50	25°♒05'24	1°17'37
minimum elong	-9485 Apr 27 j 04:57	24°♒50'46	1°16'51
	-9485 Apr 29 j 18:35	0°♓	
max. Earth dist.	-9485 May 02 j 00:48	4°♓26'07	1.36125 AU
evening rise	-9485 May 06 j 06:31	12°♓28'33	
	-9485 May 16 j 07:32	0°♈	
desc. node	-9485 Jun 03 j 15:41	26°♈38'00	
	-9485 Jun 06 j 10:54	0°♉	
evening max el	-9485 Jun 11 j 00:13	4°♉54'21	26°10'27
retrograde	-9485 Jun 23 j 14:17	12°♉09'28	
evening set	-9485 Jun 29 j 23:34	9°♉24'58	
min. Earth dist.	-9485 Jul 04 j 02:21	4°♉55'42	0.66203 AU
inferior conj	-9485 Jul 05 j 11:20	3°♉12'00	-2°46'03
minimum elong	-9485 Jul 05 j 14:02	3°♉03'29	2°45'05
	-9485 Jul 08 j 03:34	30°℞♈	
morning rise	-9485 Jul 11 j 04:35	27°♈20'36	
direct	-9485 Jul 14 j 11:01	26°♈19'08	
asc. node	-9485 Jul 15 j 07:58	26°♈23'24	
	-9485 Jul 21 j 03:51	0°♉	
morning max el	-9485 Jul 21 j 10:30	0°♉16'48	19°06'25
	-9485 Aug 10 j 20:25	0°♊	
morning set	-9485 Aug 12 j 20:50	3°♊11'53	
max. Earth dist.	-9485 Aug 27 j 19:33	26°♊49'32	1.44570 AU
superior conj	-9485 Aug 29 j 01:51	28°♊49'25	0°08'59
minimum elong	-9485 Aug 29 j 03:02	28°♊54'09	0°09'25
behind sun begin	-9485 Aug 28 j 17:38	28°♊16'53	
behind sun end	-9485 Aug 29 j 12:27	29°♊31'25	
	-9485 Aug 29 j 19:40	0°♋	
desc. node	-9485 Aug 30 j 13:19	1°♋09'57	
evening rise	-9485 Sep 13 j 13:21	23°♋38'55	
	-9485 Sep 17 j 10:58	0°♌	
evening max el	-9485 Oct 03 j 20:57	24°♌05'39	18°42'28
retrograde	-9485 Oct 10 j 14:47	27°♌52'34	
asc. node	-9485 Oct 11 j 07:26	27°♌49'51	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9485 Oct 13 j 14:20	27°♌02'34	
inferior conj	-9485 Oct 19 j 13:07	21°♌21'00	2°29'27
minimum elong	-9485 Oct 19 j 09:55	21°♌30'31	2°28'51
min. Earth dist.	-9485 Oct 21 j 07:10	19°♌15'29	0.64846 AU
morning rise	-9485 Oct 25 j 05:03	15°♌13'13	
direct	-9485 Oct 31 j 20:39	12°♌27'27	
morning max el	-9485 Nov 14 j 00:09	19°♌58'37	26°58'45
	-9485 Nov 22 j 17:22	0°♍	
desc. node	-9485 Nov 26 j 13:53	5°♍10'09	
	-9485 Dec 12 j 08:43	0°♎	
morning set	-9485 Dec 19 j 12:59	13°♎12'11	
max. Earth dist.	-9485 Dec 24 j 03:25	22°♎18'24	1.34489 AU
superior conj	-9485 Dec 27 j 19:44	29°♎53'39	-1°25'22
minimum elong	-9485 Dec 27 j 22:01	0°♏05'39	1°25'21
	-9485 Dec 27 j 20:57	0°♏	
evening rise	-9484 Jan 04 j 04:56	15°♏25'49	
asc. node	-9484 Jan 07 j 05:23	21°♏35'16	
	-9484 Jan 11 j 15:32	0°♐	
evening max el	-9484 Jan 24 j 15:08	18°♐00'54	21°36'23
retrograde	-9484 Feb 05 j 15:08	23°♐42'57	
evening set	-9484 Feb 08 j 11:12	23°♐24'48	
inferior conj	-9484 Feb 17 j 13:56	19°♐22'57	1°18'55
minimum elong	-9484 Feb 17 j 17:19	19°♐18'09	1°17'17
min. Earth dist.	-9484 Feb 17 j 19:43	19°♐14'45	0.55381 AU
desc. node	-9484 Feb 22 j 14:53	16°♐43'00	
morning rise	-9484 Feb 26 j 23:26	15°♐15'49	
direct	-9484 Feb 29 j 16:35	14°♐59'26	
morning max el	-9484 Mar 13 j 03:36	20°♐58'56	21°51'11
	-9484 Mar 20 j 15:29	0°♑	
morning set	-9484 Apr 02 j 22:39	24°♑01'20	
asc. node	-9484 Apr 04 j 04:18	26°♑35'29	
	-9484 Apr 05 j 19:17	0°♒	
superior conj	-9484 Apr 10 j 07:33	9°♒29'12	0°56'43
minimum elong	-9484 Apr 10 j 05:13	9°♒17'03	0°55'50
max. Earth dist.	-9484 Apr 13 j 16:26	16°♒26'20	1.34772 AU
evening rise	-9484 Apr 18 j 11:50	25°♒58'07	
	-9484 Apr 20 j 14:44	0°♓	
	-9484 May 08 j 16:49	0°♈	
desc. node	-9484 May 20 j 13:06	15°♈11'41	
evening max el	-9484 May 23 j 11:01	18°♈13'15	27°00'49
retrograde	-9484 Jun 05 j 16:52	25°♈41'34	
evening set	-9484 Jun 12 j 12:36	22°♈53'30	
min. Earth dist.	-9484 Jun 16 j 08:13	19°♈02'37	0.65126 AU
inferior conj	-9484 Jun 18 j 07:20	16°♈45'17	-3°16'54
minimum elong	-9484 Jun 18 j 09:49	16°♈38'04	3°16'21
morning rise	-9484 Jun 24 j 07:24	11°♈08'42	
direct	-9484 Jun 27 j 07:14	10°♈19'30	
asc. node	-9484 Jul 01 j 04:51	11°♈39'32	
morning max el	-9484 Jul 03 j 21:27	13°♈55'59	18°27'01
	-9484 Jul 15 j 07:16	0°♉	
morning set	-9484 Jul 23 j 09:19	13°♉16'47	
	-9484 Aug 02 j 15:43	0°♊	
superior conj	-9484 Aug 07 j 02:01	7°♊04'49	0°54'28
minimum elong	-9484 Aug 07 j 07:59	7°♊28'31	0°54'18
max. Earth dist.	-9484 Aug 09 j 12:42	10°♊57'40	1.44522 AU
desc. node	-9484 Aug 16 j 10:27	21°♊51'20	
	-9484 Aug 21 j 14:50	0°♋	
evening rise	-9484 Aug 23 j 16:37	3°♋15'23	
greatest brilliancy	-9484 Sep 02 j 16:51	18°♋53'14	-0.8m
	-9484 Sep 10 j 04:16	0°♌	
evening max el	-9484 Sep 16 j 06:20	7°♌34'02	19°25'38
retrograde	-9484 Sep 23 j 10:32	11°♌41'39	
evening set	-9484 Sep 26 j 17:57	10°♌38'03	
asc. node	-9484 Sep 27 j 04:37	10°♌19'57	
inferior conj	-9484 Oct 02 j 09:48	4°♌43'37	1°39'17
minimum elong	-9484 Oct 02 j 07:34	4°♌50'47	1°38'57
min. Earth dist.	-9484 Oct 03 j 15:25	3°♌08'50	0.65902 AU
	-9484 Oct 06 j 07:08	30°℞♋	
morning rise	-9484 Oct 07 j 20:51	28°♋28'27	
direct	-9484 Oct 13 j 23:40	25°♋51'22	
	-9484 Oct 22 j 23:26	0°♌	
morning max el	-9484 Oct 26 j 10:12	3°♌08'44	25°59'48
desc. node	-9484 Nov 12 j 10:36	24°♌40'17	
	-9484 Nov 15 j 23:49	0°♍	
morning set	-9484 Dec 01 j 12:30	26°♍10'41	
	-9484 Dec 03 j 13:40	0°♎	
max. Earth dist.	-9484 Dec 05 j 13:05	3°♎46'11	1.35901 AU
superior conj	-9484 Dec 10 j 16:57	13°♎58'55	-1°37'30
minimum elong	-9484 Dec 10 j 18:38	14°♎07'25	1°37'29
evening rise	-9484 Dec 18 j 11:57	29°♎57'59	
	-9484 Dec 18 j 12:21	0°♏	
asc. node	-9484 Dec 24 j 02:38	11°♏01'22	
evening max el	-9483 Jan 05 j 21:11	29°♏29'07	20°16'47
	-9483 Jan 06 j 10:41	0°♐	
retrograde	-9483 Jan 16 j 07:13	4°♐22'43	
evening set	-9483 Jan 18 j 20:30	4°♐06'22	
inferior conj	-9483 Jan 27 j 13:15	0°♐06'33	2°54'15
minimum elong	-9483 Jan 27 j 18:55	29°♏58'00	2°52'23
	-9483 Jan 27 j 17:36	30°℞♏	
min. Earth dist.	-9483 Jan 29 j 09:39	28°♏59'51	0.55876 AU
morning rise	-9483 Feb 05 j 15:30	25°♏38'28	
desc. node	-9483 Feb 08 j 11:49	25°♏09'27	
direct	-9483 Feb 09 j 09:12	25°♏07'40	
	-9483 Feb 20 j 20:52	0°♐	
morning max el	-9483 Feb 22 j 22:46	1°♐50'56	23°26'42
	-9483 Mar 13 j 23:20	0°♑	
morning set	-9483 Mar 18 j 10:24	9°♑02'19	
asc. node	-9483 Mar 22 j 01:16	16°♑43'16	
superior conj	-9483 Mar 25 j 13:16	24°♑13'31	0°33'49
minimum elong	-9483 Mar 25 j 11:50	24°♑05'52	0°33'00
max. Earth dist.	-9483 Mar 27 j 17:52	28°♑52'53	1.33774 AU
	-9483 Mar 28 j 06:38	0°♒	
evening rise	-9483 Apr 02 j 04:52	10°♒05'24	
	-9483 Apr 12 j 23:57	0°♓	
	-9483 May 04 j 14:47	0°♈	
evening max el	-9483 May 05 j 21:21	1°♈16'19	27°25'06
desc. node	-9483 May 07 j 10:29	2°♈42'58	
retrograde	-9483 May 19 j 13:54	8°♈48'33	
evening set	-9483 May 26 j 14:12	6°♈09'47	
min. Earth dist.	-9483 May 30 j 05:38	2°♈51'45	0.63659 AU
inferior conj	-9483 Jun 01 j 19:15	0°♈08'59	-3°37'09
minimum elong	-9483 Jun 01 j 20:47	0°♈04'55	3°37'06
	-9483 Jun 01 j 22:38	30°℞♓	
morning rise	-9483 Jun 08 j 04:12	24°♓49'32	
direct	-9483 Jun 10 j 23:02	24°♓10'30	
morning max el	-9483 Jun 17 j 11:05	27°♓35'18	18°05'03
asc. node	-9483 Jun 18 j 01:41	28°♓12'55	
	-9483 Jun 19 j 14:55	0°♈	
morning set	-9483 Jul 04 j 23:06	24°♈32'26	
	-9483 Jul 08 j 03:18	0°♉	
superior conj	-9483 Jul 17 j 17:40	16°♉06'43	1°28'21
minimum elong	-9483 Jul 17 j 23:33	16°♉30'49	1°28'14
max. Earth dist.	-9483 Jul 23 j 03:21	24°♉52'48	1.43785 AU
	-9483 Jul 26 j 08:24	0°♊	
evening rise	-9483 Aug 02 j 22:08	11°♊52'00	
desc. node	-9483 Aug 03 j 07:40	12°♊28'59	
	-9483 Aug 14 j 19:18	0°♋	
evening max el	-9483 Aug 30 j 10:15	21°♋00'49	20°24'02

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

retrograde	-9483 Sep 07 j 07:21	25°♋37'23	
evening set	-9483 Sep 11 j 00:59	24°♋16'59	
asc. node	-9483 Sep 14 j 01:44	21°♋19'29	
inferior conj	-9483 Sep 16 j 11:38	18°♋12'56	0°47'04
minimum elong	-9483 Sep 16 j 10:34	18°♋16'33	0°47'11
min. Earth dist.	-9483 Sep 17 j 05:56	17°♋11'32	0.66651 AU
morning rise	-9483 Sep 21 j 19:54	11°♋54'05	
direct	-9483 Sep 27 j 08:18	9°♋32'23	
morning max el	-9483 Oct 08 j 19:31	16°♋22'35	24°43'45
	-9483 Oct 20 j 03:20	0°♌	
desc. node	-9483 Oct 30 j 07:20	14°♌36'40	
	-9483 Nov 08 j 22:55	0°♍	
morning set	-9483 Nov 13 j 16:49	8°♍07'44	
max. Earth dist.	-9483 Nov 17 j 13:16	15°♍01'21	1.37695 AU
superior conj	-9483 Nov 24 j 03:57	27°♍28'52	-1°43'21
minimum elong	-9483 Nov 24 j 04:16	27°♍30'23	1°43'15
	-9483 Nov 25 j 10:57	0°♎	
evening rise	-9483 Dec 02 j 13:51	14°♎09'22	
asc. node	-9483 Dec 10 j 23:54	29°♎58'45	
	-9483 Dec 11 j 00:12	0°♏	
evening max el	-9483 Dec 19 j 13:32	11°♏32'05	19°14'53
retrograde	-9483 Dec 28 j 11:01	15°♏45'30	
evening set	-9483 Dec 30 j 23:08	15°♏26'54	
inferior conj	-9482 Jan 08 j 02:06	11°♏14'47	3°53'51
minimum elong	-9482 Jan 08 j 05:56	11°♏08'17	3°53'00
min. Earth dist.	-9482 Jan 10 j 23:51	9°♏17'03	0.57134 AU
morning rise	-9482 Jan 16 j 10:26	6°♏21'09	
direct	-9482 Jan 21 j 12:37	5°♏21'05	
desc. node	-9482 Jan 26 j 08:40	6°♏15'34	
morning max el	-9482 Feb 04 j 13:27	12°♏30'16	25°02'32
	-9482 Feb 18 j 01:39	0°♐	
morning set	-9482 Mar 02 j 22:53	24°♐07'33	
	-9482 Mar 05 j 17:08	0°♑	
asc. node	-9482 Mar 08 j 22:18	6°♑57'56	
superior conj	-9482 Mar 09 j 22:47	9°♑10'55	0°10'05
minimum elong	-9482 Mar 09 j 22:23	9°♑08'41	0°09'26
behind sun begin	-9482 Mar 09 j 18:18	8°♑46'32	
behind sun end	-9482 Mar 10 j 02:28	9°♑30'50	
max. Earth dist.	-9482 Mar 11 j 02:53	11°♑43'02	1.33120 AU
evening rise	-9482 Mar 17 j 06:04	24°♑38'51	
	-9482 Mar 19 j 22:13	0°♒	
	-9482 Apr 06 j 16:05	0°♓	
evening max el	-9482 Apr 18 j 05:10	13°♓52'34	27°18'08
desc. node	-9482 Apr 24 j 07:47	18°♓46'34	
retrograde	-9482 May 02 j 04:16	21°♓22'17	
evening set	-9482 May 09 j 00:54	19°♓06'34	
min. Earth dist.	-9482 May 12 j 17:51	16°♓10'53	0.61861 AU
inferior conj	-9482 May 15 j 19:59	13°♓17'12	-3°42'38
minimum elong	-9482 May 15 j 19:47	13°♓17'41	3°42'52
morning rise	-9482 May 22 j 16:13	8°♓16'52	
direct	-9482 May 25 j 07:14	7°♓46'18	
morning max el	-9482 Jun 01 j 00:57	11°♓09'43	18°01'26
asc. node	-9482 Jun 04 j 22:32	15°♓48'26	
	-9482 Jun 13 j 15:02	0°♈	
morning set	-9482 Jun 17 j 10:28	6°♈50'57	
superior conj	-9482 Jun 28 j 11:59	26°♈27'43	1°46'10
minimum elong	-9482 Jun 28 j 14:35	26°♈38'56	1°46'16
	-9482 Jun 30 j 13:40	0°♉	
max. Earth dist.	-9482 Jul 05 j 13:33	8°♉20'49	1.42468 AU
evening rise	-9482 Jul 13 j 00:37	20°♉21'23	
	-9482 Jul 19 j 05:44	0°♊	
desc. node	-9482 Jul 21 j 04:56	2°♊59'32	
	-9482 Aug 09 j 09:19	0°♋	
evening max el	-9482 Aug 13 j 07:32	4°♋24'50	21°35'01

retrograde	-9482 Aug 22 j 03:17	9°♋37'41	
evening set	-9482 Aug 26 j 09:21	7°♋57'36	
inferior conj	-9482 Aug 31 j 16:36	1°♋46'55	-0°05'03
minimum elong	-9482 Aug 31 j 16:42	1°♋46'35	0°04'27
transit middle	-9482 Aug 31 j 16:42	1°♋46'35	0°04'27
transit begin	-9482 Aug 31 j 14:06	1°♋55'32	
transit end	-9482 Aug 31 j 19:18	1°♋37'37	
asc. node	-9482 Aug 31 j 22:48	1°♋25'35	
min. Earth dist.	-9482 Sep 01 j 00:21	1°♋20'17	0.67104 AU
	-9482 Sep 01 j 23:55	30°℞♊	
morning rise	-9482 Sep 05 j 23:54	25°♊28'02	
direct	-9482 Sep 10 j 21:45	23°♊25'11	
morning max el	-9482 Sep 21 j 05:37	29°♊37'07	23°19'50
	-9482 Sep 21 j 14:31	0°♋	
	-9482 Oct 14 j 00:09	0°♌	
desc. node	-9482 Oct 17 j 04:06	4°♌51'39	
morning set	-9482 Oct 25 j 20:22	18°♌49'33	
max. Earth dist.	-9482 Oct 30 j 11:00	26°♌39'29	1.39695 AU
	-9482 Nov 01 j 08:54	0°♍	
superior conj	-9482 Nov 07 j 00:25	10°♍11'36	-1°40'37
minimum elong	-9482 Nov 06 j 22:37	10°♍03'18	1°40'17
evening rise	-9482 Nov 16 j 08:08	27°♍53'40	
	-9482 Nov 17 j 10:28	0°♎	
asc. node	-9482 Nov 27 j 21:11	18°♎18'01	
evening max el	-9482 Dec 02 j 15:06	24°♎06'10	18°32'52
retrograde	-9482 Dec 10 j 08:47	27°♎53'22	
evening set	-9482 Dec 12 j 21:08	27°♎30'46	
inferior conj	-9482 Dec 20 j 10:10	22°♎58'25	4°14'53
minimum elong	-9482 Dec 20 j 10:29	22°♎57'48	4°14'42
min. Earth dist.	-9482 Dec 23 j 16:29	20°♎25'43	0.58870 AU
morning rise	-9482 Dec 27 j 22:00	17°♎42'12	
direct	-9481 Jan 03 j 03:51	16°♎04'06	
desc. node	-9481 Jan 13 j 05:28	19°♎59'11	
morning max el	-9481 Jan 17 j 06:19	23°♎25'27	26°23'49
	-9481 Jan 23 j 05:12	0°♏	
	-9481 Feb 10 j 21:41	0°♐	
morning set	-9481 Feb 15 j 10:19	9°♐09'43	
superior conj	-9481 Feb 22 j 10:14	24°♐13'53	-0°13'38
minimum elong	-9481 Feb 22 j 10:50	24°♐17'08	0°14'04
behind sun begin	-9481 Feb 22 j 08:34	24°♐04'48	
behind sun end	-9481 Feb 22 j 13:05	24°♐29'28	
max. Earth dist.	-9481 Feb 22 j 15:59	24°♐45'15	1.32794 AU
asc. node	-9481 Feb 23 j 19:21	27°♐14'38	
	-9481 Feb 25 j 01:48	0°♑	
evening rise	-9481 Mar 01 j 12:39	9°♑28'02	
	-9481 Mar 12 j 07:37	0°♒	
evening max el	-9481 Mar 31 j 08:03	25°♒51'19	26°38'22
	-9481 Apr 05 j 08:49	0°♓	
desc. node	-9481 Apr 11 j 05:03	2°♓48'26	
retrograde	-9481 Apr 14 j 10:27	3°♓14'35	
evening set	-9481 Apr 20 j 17:16	1°♓32'13	
	-9481 Apr 23 j 04:39	30°℞♒	
min. Earth dist.	-9481 Apr 24 j 21:14	28°♒44'37	0.59871 AU
inferior conj	-9481 Apr 28 j 05:53	26°♒00'12	-3°27'19
minimum elong	-9481 Apr 28 j 03:25	26°♒05'16	3°27'24
morning rise	-9481 May 05 j 16:01	21°♒20'24	
direct	-9481 May 08 j 03:43	20°♒57'05	
morning max el	-9481 May 15 j 12:18	24°♒31'07	18°16'57
	-9481 May 20 j 01:40	0°♓	
asc. node	-9481 May 22 j 19:22	4°♓11'27	
morning set	-9481 May 31 j 14:23	19°♓59'42	
	-9481 Jun 05 j 22:13	0°♈	
superior conj	-9481 Jun 10 j 08:12	8°♈06'46	1°49'41
minimum elong	-9481 Jun 10 j 07:39	8°♈04'18	1°49'41

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9481 Jun 17 j 18:22	21°♈09'52	1.40739 AU
evening rise	-9481 Jun 22 j 21:07	29°♈43'03	
	-9481 Jun 23 j 01:15	0°♉	
desc. node	-9481 Jul 08 j 02:16	23°♉18'33	
	-9481 Jul 12 j 18:03	0°♊	
evening max el	-9481 Jul 26 j 22:32	17°♊46'30	22°54'27
retrograde	-9481 Aug 05 j 21:02	23°♊40'08	
evening set	-9481 Aug 10 j 17:10	21°♊38'54	
inferior conj	-9481 Aug 15 j 22:54	15°♊24'12	-0°55'24
minimum elong	-9481 Aug 16 j 00:04	15°♊20'10	0°54'24
min. Earth dist.	-9481 Aug 15 j 20:12	15°♊33'29	0.67262 AU
asc. node	-9481 Aug 18 j 19:51	11°♊37'33	
morning rise	-9481 Aug 21 j 06:53	9°♊08'51	
direct	-9481 Aug 25 j 15:14	7°♊25'27	
morning max el	-9481 Sep 03 j 19:27	12°♊54'57	21°56'32
	-9481 Sep 17 j 04:54	0°♋	
desc. node	-9481 Oct 04 j 00:56	25°♋19'31	
morning set	-9481 Oct 05 j 20:55	28°♋13'52	
	-9481 Oct 06 j 23:28	0°♌	
max. Earth dist.	-9481 Oct 12 j 13:01	9°♌05'10	1.41627 AU
superior conj	-9481 Oct 20 j 00:51	21°♌52'30	-1°26'35
minimum elong	-9481 Oct 19 j 20:44	21°♌34'29	1°25'51
	-9481 Oct 24 j 14:28	0°♍	
evening rise	-9481 Oct 30 j 15:35	11°♍03'27	
	-9481 Nov 10 j 11:20	0°♎	
asc. node	-9481 Nov 14 j 18:29	5°♎47'18	
evening max el	-9481 Nov 15 j 23:28	7°♎04'20	18°11'04
retrograde	-9481 Nov 22 j 23:43	10°♎38'35	
evening set	-9481 Nov 25 j 12:56	10°♎10'54	
inferior conj	-9481 Dec 02 j 13:17	5°♎16'38	4°05'59
minimum elong	-9481 Dec 02 j 10:55	5°♎22'00	4°05'45
min. Earth dist.	-9481 Dec 05 j 15:23	2°♎29'54	0.60759 AU
	-9481 Dec 08 j 20:24	30°℞♍	
morning rise	-9481 Dec 09 j 07:36	29°♍41'44	
direct	-9481 Dec 16 j 05:21	27°♍28'26	
	-9481 Dec 24 j 00:29	0°♎	
morning max el	-9481 Dec 30 j 05:30	4°♎57'17	27°17'23
desc. node	-9481 Dec 31 j 02:13	5°♎48'20	
	-9480 Jan 17 j 22:28	0°♏	
morning set	-9480 Jan 30 j 18:51	24°♏02'07	
	-9480 Feb 02 j 15:00	0°♐	
max. Earth dist.	-9480 Feb 06 j 05:23	7°♐46'14	1.32796 AU
superior conj	-9480 Feb 06 j 21:58	9°♐16'37	-0°36'27
minimum elong	-9480 Feb 06 j 23:26	9°♐24'38	0°36'41
asc. node	-9480 Feb 10 j 16:29	17°♐29'21	
evening rise	-9480 Feb 13 j 22:32	24°♐25'23	
	-9480 Feb 16 j 15:36	0°♑	
	-9480 Mar 05 j 18:28	0°♒	
evening max el	-9480 Mar 12 j 05:01	7°♒11'33	25°29'37
retrograde	-9480 Mar 26 j 06:44	14°♒23'10	
desc. node	-9480 Mar 28 j 02:16	14°♒15'16	
evening set	-9480 Mar 31 j 13:58	13°♒16'35	
min. Earth dist.	-9480 Apr 05 j 17:58	10°♒22'09	0.57934 AU
inferior conj	-9480 Apr 08 j 21:28	8°♒09'06	-2°43'52
minimum elong	-9480 Apr 08 j 17:19	8°♒16'27	2°43'27
morning rise	-9480 Apr 16 j 23:53	3°♒49'10	
direct	-9480 Apr 19 j 08:06	3°♒31'57	
morning max el	-9480 Apr 27 j 18:17	7°♒30'55	18°52'06
asc. node	-9480 May 08 j 16:12	23°♒10'49	
	-9480 May 12 j 07:32	0°♓	
morning set	-9480 May 14 j 06:32	3°♓47'47	
superior conj	-9480 May 23 j 01:04	20°♓49'48	1°42'34
minimum elong	-9480 May 22 j 22:42	20°♓38'34	1°42'15
	-9480 May 27 j 23:23	0°♈	

max. Earth dist.	-9480 May 29 j 19:02	3°♈16'53	1.38845 AU
evening rise	-9480 Jun 02 j 20:44	10°♈25'17	
	-9480 Jun 14 j 21:45	0°♉	
desc. node	-9480 Jun 23 j 23:40	13°♉20'16	
	-9480 Jul 07 j 06:52	0°♊	
evening max el	-9480 Jul 08 j 09:20	1°♊07'52	24°16'14
retrograde	-9480 Jul 19 j 11:29	7°♊40'55	
evening set	-9480 Jul 24 j 22:31	5°♊19'19	
min. Earth dist.	-9480 Jul 29 j 15:11	29°♉49'15	0.67114 AU
	-9480 Jul 29 j 12:00	30°℞♉	
inferior conj	-9480 Jul 30 j 04:46	29°♉03'13	-1°42'27
minimum elong	-9480 Jul 30 j 06:48	28°♉56'19	1°41'15
morning rise	-9480 Aug 04 j 15:02	22°♉54'36	
asc. node	-9480 Aug 04 j 16:50	22°♉51'18	
direct	-9480 Aug 08 j 11:37	21°♉29'22	
morning max el	-9480 Aug 16 j 15:14	26°♉18'25	20°40'28
	-9480 Aug 19 j 21:26	0°♊	
	-9480 Sep 09 j 16:57	0°♋	
morning set	-9480 Sep 14 j 01:40	6°♋44'40	
desc. node	-9480 Sep 19 j 21:50	15°♋55'23	
max. Earth dist.	-9480 Sep 23 j 21:12	22°♋17'05	1.43222 AU
	-9480 Sep 28 j 14:35	0°♌	
superior conj	-9480 Sep 29 j 23:30	2°♌16'29	-0°58'58
minimum elong	-9480 Sep 29 j 18:32	1°♌55'49	0°57'53
evening rise	-9480 Oct 12 j 07:55	23°♌27'53	
	-9480 Oct 16 j 01:17	0°♍	
evening max el	-9480 Oct 29 j 11:44	20°♍18'06	18°08'49
asc. node	-9480 Oct 31 j 15:47	22°♍11'09	
retrograde	-9480 Nov 05 j 03:33	23°♍50'09	
evening set	-9480 Nov 07 j 19:07	23°♍15'46	
inferior conj	-9480 Nov 14 j 08:19	18°♍01'10	3°37'15
minimum elong	-9480 Nov 14 j 04:46	18°♍10'16	3°36'44
min. Earth dist.	-9480 Nov 16 j 23:27	15°♍19'55	0.62553 AU
morning rise	-9480 Nov 20 j 13:28	12°♍11'03	
direct	-9480 Nov 27 j 15:29	9°♍33'51	
morning max el	-9480 Dec 11 j 10:39	17°♍08'11	27°36'33
desc. node	-9480 Dec 16 j 22:55	23°♍08'20	
	-9480 Dec 22 j 06:42	0°♎	
	-9479 Jan 09 j 13:10	0°♏	
morning set	-9479 Jan 13 j 22:16	8°♏36'13	
max. Earth dist.	-9479 Jan 19 j 15:09	20°♏31'10	1.33140 AU
superior conj	-9479 Jan 21 j 08:17	24°♏12'32	-0°57'38
minimum elong	-9479 Jan 21 j 10:23	24°♏23'53	0°57'43
	-9479 Jan 24 j 00:28	0°♐	
asc. node	-9479 Jan 27 j 13:41	7°♐37'28	
evening rise	-9479 Jan 28 j 09:48	9°♐23'37	
	-9479 Feb 08 j 05:10	0°♑	
evening max el	-9479 Feb 21 j 22:14	18°♑06'10	24°01'48
retrograde	-9479 Mar 07 j 15:20	24°♑54'25	
evening set	-9479 Mar 11 j 18:23	24°♑16'31	
desc. node	-9479 Mar 14 j 23:24	22°♑59'37	
min. Earth dist.	-9479 Mar 18 j 11:05	21°♑02'51	0.56368 AU
inferior conj	-9479 Mar 20 j 17:10	19°♑38'58	-1°27'26
minimum elong	-9479 Mar 20 j 13:51	19°♑44'09	1°27'00
morning rise	-9479 Mar 29 j 12:16	15°♑33'40	
direct	-9479 Mar 31 j 18:01	15°♑20'26	
morning max el	-9479 Apr 10 j 16:04	19°♑59'52	19°47'06
	-9479 Apr 18 j 11:51	0°♒	
asc. node	-9479 Apr 25 j 13:05	12°♒37'57	
morning set	-9479 Apr 28 j 07:26	18°♒06'30	
	-9479 May 04 j 04:44	0°♓	
superior conj	-9479 May 06 j 09:12	4°♓21'49	1°28'10
minimum elong	-9479 May 06 j 06:14	4°♓07'10	1°27'32
max. Earth dist.	-9479 May 11 j 21:01	14°♓59'44	1.37038 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening rise	-9479 May 15 j 21:39	22°♓25'24	
	-9479 May 20 j 04:51	0°♈	
	-9479 Jun 08 j 15:57	0°♉	
desc. node	-9479 Jun 10 j 21:05	2°♉57'10	
evening max el	-9479 Jun 20 j 19:05	14°♉31'51	25°32'33
retrograde	-9479 Jul 02 j 21:54	21°♉35'38	
evening set	-9479 Jul 08 j 23:26	18°♉57'37	
min. Earth dist.	-9479 Jul 13 j 06:56	14°♉05'36	0.66632 AU
inferior conj	-9479 Jul 14 j 08:25	12°♉42'37	-2°24'38
minimum elong	-9479 Jul 14 j 11:00	12°♉34'12	2°23'31
morning rise	-9479 Jul 19 j 22:37	6°♉43'55	
asc. node	-9479 Jul 22 j 13:45	5°♉38'25	
direct	-9479 Jul 23 j 09:33	5°♉34'31	
morning max el	-9479 Jul 30 j 17:39	9°♉49'04	19°36'30
	-9479 Aug 14 j 09:29	0°♊	
morning set	-9479 Aug 24 j 05:36	15°♊16'41	
	-9479 Sep 02 j 14:46	0°♋	
max. Earth dist.	-9479 Sep 06 j 10:47	6°♋04'02	1.44269 AU
desc. node	-9479 Sep 06 j 18:52	6°♋36'08	
superior conj	-9479 Sep 09 j 18:44	11°♋22'41	-0°18'12
minimum elong	-9479 Sep 09 j 16:39	11°♋14'23	0°17'21
	-9479 Sep 21 j 05:01	0°♌	
evening rise	-9479 Sep 24 j 03:58	4°♌55'23	
	-9479 Oct 09 j 22:02	0°♍	
evening max el	-9479 Oct 13 j 01:06	3°♍41'50	18°25'07
asc. node	-9479 Oct 18 j 13:02	7°♍13'46	
retrograde	-9479 Oct 19 j 16:08	7°♍20'40	
evening set	-9479 Oct 22 j 12:08	6°♍37'15	
inferior conj	-9479 Oct 28 j 15:44	1°♍04'54	2°56'23
minimum elong	-9479 Oct 28 j 12:12	1°♍14'58	2°55'43
	-9479 Oct 29 j 14:29	30°℞♌	
min. Earth dist.	-9479 Oct 30 j 17:36	28°♌43'30	0.64104 AU
morning rise	-9479 Nov 03 j 11:37	25°♌02'43	
direct	-9479 Nov 10 j 08:58	22°♌16'01	
	-9479 Nov 23 j 23:12	0°♍	
morning max el	-9479 Nov 23 j 19:27	29°♌50'45	27°21'13
desc. node	-9479 Dec 03 j 19:37	11°♍33'05	
	-9479 Dec 16 j 04:08	0°♎	
morning set	-9479 Dec 28 j 17:49	22°♎42'38	
	-9478 Jan 01 j 08:54	0°♏	
max. Earth dist.	-9478 Jan 02 j 17:31	2°♏48'18	1.33874 AU
superior conj	-9478 Jan 05 j 15:22	8°♏55'10	-1°16'16
minimum elong	-9478 Jan 05 j 17:44	9°♏07'42	1°16'16
evening rise	-9478 Jan 12 j 20:47	24°♏16'43	
asc. node	-9478 Jan 14 j 10:54	27°♏34'09	
	-9478 Jan 15 j 15:38	0°♐	
evening max el	-9478 Feb 03 j 16:41	28°♐58'16	22°28'00
	-9478 Feb 04 j 20:03	0°♑	
retrograde	-9478 Feb 16 j 11:35	5°♑07'04	
evening set	-9478 Feb 19 j 15:40	4°♑45'05	
min. Earth dist.	-9478 Feb 28 j 02:27	1°♑00'13	0.55493 AU
inferior conj	-9478 Feb 28 j 20:21	0°♑34'33	0°15'52
minimum elong	-9478 Feb 28 j 21:02	0°♑33'35	0°15'04
transit middle	-9478 Feb 28 j 21:02	0°♑33'35	0°15'04
transit begin	-9478 Feb 28 j 19:49	0°♑35'20	
transit end	-9478 Feb 28 j 22:15	0°♑31'50	
desc. node	-9478 Mar 01 j 20:27	0°♑00'09	
	-9478 Mar 01 j 20:33	30°℞♐	
morning rise	-9478 Mar 10 j 03:32	26°♐32'14	
direct	-9478 Mar 12 j 13:08	26°♐18'49	
	-9478 Mar 22 j 00:24	0°♑	
morning max el	-9478 Mar 24 j 03:13	1°♑49'24	21°01'08
	-9478 Apr 11 j 05:24	0°♒	
asc. node	-9478 Apr 12 j 09:59	2°♒25'25	
morning set	-9478 Apr 12 j 14:16	2°♒47'20	
superior conj	-9478 Apr 20 j 04:10	18°♒29'32	1°09'04
minimum elong	-9478 Apr 20 j 01:28	18°♒15'37	1°08'14
max. Earth dist.	-9478 Apr 24 j 06:50	26°♒47'54	1.35502 AU
	-9478 Apr 25 j 21:56	0°♓	
evening rise	-9478 Apr 28 j 18:12	5°♓27'12	
	-9478 May 12 j 23:38	0°♈	
desc. node	-9478 May 28 j 18:31	21°♈58'00	
evening max el	-9478 Jun 03 j 05:40	27°♈55'19	26°34'50
	-9478 Jun 05 j 11:20	0°♉	
retrograde	-9478 Jun 16 j 03:24	5°♉17'31	
evening set	-9478 Jun 22 j 17:31	2°♉30'25	
	-9478 Jun 25 j 05:57	30°℞♈	
min. Earth dist.	-9478 Jun 26 j 17:06	28°♈17'31	0.65785 AU
inferior conj	-9478 Jun 28 j 07:51	26°♈19'04	-3°00'15
minimum elong	-9478 Jun 28 j 10:32	26°♈10'52	2°59'27
morning rise	-9478 Jul 04 j 03:44	20°♈33'21	
direct	-9478 Jul 07 j 07:06	19°♈37'20	
asc. node	-9478 Jul 09 j 10:37	20°♈02'35	
morning max el	-9478 Jul 14 j 01:52	23°♈25'10	18°47'34
	-9478 Jul 19 j 09:11	0°♉	
morning set	-9478 Aug 04 j 03:31	24°♉40'30	
	-9478 Aug 07 j 11:07	0°♊	
superior conj	-9478 Aug 19 j 19:46	19°♊38'54	0°29'04
minimum elong	-9478 Aug 19 j 23:24	19°♊53'16	0°29'10
max. Earth dist.	-9478 Aug 20 j 03:31	20°♊09'32	1.44638 AU
desc. node	-9478 Aug 24 j 15:59	27°♊18'11	
	-9478 Aug 26 j 08:54	0°♋	
evening rise	-9478 Sep 04 j 22:34	15°♋13'16	
	-9478 Sep 14 j 05:02	0°♌	
evening max el	-9478 Sep 26 j 12:44	17°♌10'09	18°58'54
retrograde	-9478 Oct 03 j 10:02	21°♌04'27	
asc. node	-9478 Oct 05 j 10:13	20°♌41'21	
evening set	-9478 Oct 06 j 12:43	20°♌09'02	
inferior conj	-9478 Oct 12 j 08:21	14°♌21'51	2°08'36
minimum elong	-9478 Oct 12 j 05:32	14°♌30'33	2°08'03
min. Earth dist.	-9478 Oct 13 j 21:02	12°♌28'54	0.65341 AU
morning rise	-9478 Oct 17 j 21:57	8°♌10'43	
direct	-9478 Oct 24 j 08:38	5°♌27'23	
morning max el	-9478 Nov 06 j 05:23	12°♌53'44	26°36'16
	-9478 Nov 20 j 03:59	0°♍	
desc. node	-9478 Nov 20 j 16:20	0°♍43'48	
	-9478 Dec 08 j 18:08	0°♎	
morning set	-9478 Dec 12 j 01:59	6°♎10'15	
max. Earth dist.	-9478 Dec 16 j 09:36	14°♎33'03	1.35039 AU
superior conj	-9478 Dec 20 j 17:01	23°♎17'23	-1°31'11
minimum elong	-9478 Dec 20 j 19:08	23°♎28'19	1°31'09
	-9478 Dec 23 j 22:25	0°♏	
evening rise	-9478 Dec 28 j 05:49	8°♏59'06	
asc. node	-9477 Jan 01 j 08:09	17°♏13'56	
	-9477 Jan 08 j 14:09	0°♐	
evening max el	-9477 Jan 16 j 17:34	10°♐10'12	21°00'37
retrograde	-9477 Jan 28 j 01:31	15°♐30'35	
evening set	-9477 Jan 30 j 17:51	15°♐13'48	
inferior conj	-9477 Feb 08 j 17:12	11°♐15'17	2°02'44
minimum elong	-9477 Feb 08 j 22:04	11°♐08'16	2°00'47
min. Earth dist.	-9477 Feb 09 j 16:35	10°♐41'39	0.55490 AU
desc. node	-9477 Feb 16 j 17:25	7°♐21'58	
morning rise	-9477 Feb 18 j 01:20	7°♐00'42	
direct	-9477 Feb 21 j 03:35	6°♐39'40	
morning max el	-9477 Mar 06 j 03:22	12°♐59'25	22°30'52
	-9477 Mar 18 j 19:12	0°♑	
morning set	-9477 Mar 28 j 00:50	17°♑43'41	
asc. node	-9477 Mar 30 j 06:57	22°♑27'46	
	-9477 Apr 02 j 20:07	0°♒	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9477 Apr 04 j 06:45	3°♒03'21	0°47'10
minimum elong	-9477 Apr 04 j 04:46	2°♒52'56	0°46'18
max. Earth dist.	-9477 Apr 07 j 03:06	9°♒00'47	1.34310 AU
evening rise	-9477 Apr 12 j 05:04	19°♒15'02	
	-9477 Apr 17 j 22:05	0°♓	
	-9477 May 07 j 01:29	0°♈	
desc. node	-9477 May 15 j 15:52	10°♈07'48	
evening max el	-9477 May 16 j 16:42	11°♈09'41	27°14'45
retrograde	-9477 May 30 j 03:28	18°♈39'40	
evening set	-9477 Jun 06 j 02:01	15°♈54'11	
min. Earth dist.	-9477 Jun 09 j 19:31	12°♈18'05	0.64551 AU
inferior conj	-9477 Jun 12 j 00:45	9°♈48'58	-3°27'01
minimum elong	-9477 Jun 12 j 02:55	9°♈42'51	3°26'41
morning rise	-9477 Jun 18 j 04:17	4°♈19'12	
direct	-9477 Jun 21 j 01:56	3°♈34'22	
asc. node	-9477 Jun 26 j 07:28	5°♈53'19	
morning max el	-9477 Jun 27 j 14:09	7°♈04'27	18°15'27
	-9477 Jul 12 j 23:46	0°♉	
morning set	-9477 Jul 16 j 02:59	5°♉16'05	
superior conj	-9477 Jul 30 j 00:03	28°♉06'35	1°10'45
minimum elong	-9477 Jul 30 j 06:36	28°♉32'55	1°10'32
	-9477 Jul 31 j 04:18	0°♊	
max. Earth dist.	-9477 Aug 02 j 20:19	4°♊15'31	1.44292 AU
desc. node	-9477 Aug 11 j 13:09	17°♊58'22	
evening rise	-9477 Aug 15 j 15:06	24°♊20'22	
	-9477 Aug 19 j 06:36	0°♋	
greatest brilliancy	-9477 Aug 27 j 19:53	13°♋06'49	-0.7m
	-9477 Sep 09 j 05:29	0°♌	
evening max el	-9477 Sep 09 j 20:02	0°♌38'22	19°48'47
retrograde	-9477 Sep 17 j 06:28	4°♌56'58	
evening set	-9477 Sep 20 j 18:04	3°♌46'23	
asc. node	-9477 Sep 22 j 07:22	2°♌30'27	
	-9477 Sep 24 j 14:01	30°℞♋	
inferior conj	-9477 Sep 26 j 07:28	27°♋47'26	1°17'15
minimum elong	-9477 Sep 26 j 05:43	27°♋53'12	1°17'05
min. Earth dist.	-9477 Sep 27 j 08:04	26°♋26'56	0.66258 AU
morning rise	-9477 Oct 01 j 17:07	21°♋30'33	
direct	-9477 Oct 07 j 13:55	18°♋59'35	
morning max el	-9477 Oct 19 j 15:02	26°♋06'12	25°29'07
	-9477 Oct 23 j 05:58	0°♌	
desc. node	-9477 Nov 07 j 13:02	20°♌26'30	
	-9477 Nov 13 j 17:30	0°♍	
morning set	-9477 Nov 24 j 18:01	18°♍44'40	
max. Earth dist.	-9477 Nov 28 j 15:05	25°♍54'04	1.36629 AU
	-9477 Nov 30 j 18:42	0°♎	
superior conj	-9477 Dec 04 j 10:22	7°♎09'23	-1°40'53
minimum elong	-9477 Dec 04 j 11:34	7°♎15'22	1°40'50
evening rise	-9477 Dec 12 j 10:57	23°♎23'53	
	-9477 Dec 15 j 18:34	0°♏	
asc. node	-9477 Dec 19 j 05:26	6°♏29'24	
evening max el	-9477 Dec 30 j 03:57	21°♏53'13	19°48'01
retrograde	-9476 Jan 08 j 21:31	26°♏28'24	
evening set	-9476 Jan 11 j 10:06	26°♏11'17	
inferior conj	-9476 Jan 19 j 21:07	22°♏07'14	3°24'29
minimum elong	-9476 Jan 20 j 02:26	21°♏58'52	3°23'00
min. Earth dist.	-9476 Jan 22 j 06:08	20°♏37'47	0.56338 AU
morning rise	-9476 Jan 28 j 16:41	17°♏28'36	
direct	-9476 Feb 01 j 23:57	16°♏47'18	
desc. node	-9476 Feb 03 j 14:17	16°♏53'09	
morning max el	-9476 Feb 15 j 19:50	23°♏42'52	24°08'16
	-9476 Feb 21 j 11:16	0°♐	
	-9476 Mar 10 j 04:52	0°♑	
morning set	-9476 Mar 11 j 13:08	2°♑47'39	
asc. node	-9476 Mar 16 j 03:57	12°♑39'12	
superior conj	-9476 Mar 18 j 14:20	17°♑54'11	0°23'47
minimum elong	-9476 Mar 18 j 13:20	17°♑48'46	0°23'02
max. Earth dist.	-9476 Mar 20 j 08:20	21°♑39'17	1.33460 AU
	-9476 Mar 24 j 07:46	0°♒	
evening rise	-9476 Mar 26 j 01:57	3°♒34'41	
	-9476 Apr 09 j 17:01	0°♓	
evening max el	-9476 Apr 28 j 02:13	24°♓02'24	27°26'02
desc. node	-9476 May 01 j 13:11	27°♓05'20	
	-9476 May 06 j 00:03	0°♈	
retrograde	-9476 May 11 j 21:34	1°♈33'43	
	-9476 May 17 j 10:10	30°℞♓	
evening set	-9476 May 18 j 21:42	29°♓02'57	
min. Earth dist.	-9476 May 22 j 12:49	25°♓56'20	0.62934 AU
inferior conj	-9476 May 25 j 08:17	23°♓06'46	-3°41'38
minimum elong	-9476 May 25 j 09:11	23°♓04'31	3°41'43
morning rise	-9476 May 31 j 21:45	17°♓55'27	
direct	-9476 Jun 03 j 14:57	17°♓20'06	
morning max el	-9476 Jun 10 j 04:14	20°♓42'35	18°01'17
asc. node	-9476 Jun 12 j 04:18	22°♓55'01	
	-9476 Jun 17 j 04:10	0°♈	
morning set	-9476 Jun 27 j 02:32	16°♈59'54	
	-9476 Jul 04 j 13:43	0°♉	
superior conj	-9476 Jul 09 j 02:32	7°♉40'42	1°37'52
minimum elong	-9476 Jul 09 j 07:11	8°♉00'06	1°37'53
max. Earth dist.	-9476 Jul 15 j 09:45	18°♉02'40	1.43283 AU
	-9476 Jul 22 j 21:58	0°♊	
evening rise	-9476 Jul 24 j 16:29	2°♊46'02	
desc. node	-9476 Jul 28 j 10:23	8°♊33'34	
	-9476 Aug 11 j 19:54	0°♋	
evening max el	-9476 Aug 22 j 21:08	14°♋03'53	20°52'53
retrograde	-9476 Aug 31 j 03:13	18°♋55'21	
evening set	-9476 Sep 04 j 01:56	17°♋26'42	
asc. node	-9476 Sep 08 j 04:28	13°♋01'26	
inferior conj	-9476 Sep 09 j 10:52	11°♋19'12	0°24'50
minimum elong	-9476 Sep 09 j 10:18	11°♋21'09	0°25'10
min. Earth dist.	-9476 Sep 10 j 00:32	10°♋32'45	0.66871 AU
morning rise	-9476 Sep 14 j 18:31	4°♋59'56	
direct	-9476 Sep 20 j 00:31	2°♋46'19	
morning max el	-9476 Oct 01 j 00:38	9°♋21'29	24°08'39
	-9476 Oct 17 j 07:47	0°♌	
desc. node	-9476 Oct 24 j 09:48	10°♌31'58	
	-9476 Nov 05 j 09:45	0°♍	
morning set	-9476 Nov 05 j 12:28	0°♍11'38	
max. Earth dist.	-9476 Nov 09 j 13:42	7°♍16'53	1.38533 AU
superior conj	-9476 Nov 16 j 15:46	20°♍21'00	-1°43'23
minimum elong	-9476 Nov 16 j 15:16	20°♍18'36	1°43'14
	-9476 Nov 21 j 15:27	0°♎	
evening rise	-9476 Nov 25 j 10:00	7°♎25'07	
asc. node	-9476 Dec 05 j 02:43	25°♎12'14	
	-9476 Dec 08 j 09:08	0°♏	
evening max el	-9476 Dec 12 j 00:22	4°♏10'04	18°54'28
retrograde	-9476 Dec 20 j 09:03	8°♏11'02	
evening set	-9476 Dec 22 j 21:00	7°♏51'01	
inferior conj	-9476 Dec 30 j 17:56	3°♏30'39	4°07'05
minimum elong	-9476 Dec 30 j 20:17	3°♏26'24	4°06'37
min. Earth dist.	-9475 Jan 02 j 21:06	1°♏15'39	0.57834 AU
	-9475 Jan 04 j 19:09	30°℞♎	
morning rise	-9475 Jan 07 j 17:24	28°♎26'30	
direct	-9475 Jan 13 j 08:15	27°♎10'54	
desc. node	-9475 Jan 20 j 11:08	29°♎09'05	
	-9475 Jan 21 j 21:53	0°♏	
morning max el	-9475 Jan 27 j 10:59	4°♏26'41	25°39'43
	-9475 Feb 14 j 21:08	0°♐	
morning set	-9475 Feb 24 j 01:24	17°♐52'37	
	-9475 Mar 01 j 16:49	0°♑	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9475 Mar 03 j 00:56	2°♉54'55	-0°00'02
minimum elong	-9475 Mar 03 j 00:57	2°♉55'02	0°00'37
behind sun begin	-9475 Mar 02 j 19:56	2°♉27'43	
behind sun end	-9475 Mar 03 j 05:58	3°♉22'20	
asc. node	-9475 Mar 03 j 01:01	2°♉55'23	
max. Earth dist.	-9475 Mar 03 j 19:27	4°♉35'42	1.32943 AU
evening rise	-9475 Mar 10 j 05:45	18°♉15'42	
	-9475 Mar 16 j 04:49	0°♒	
	-9475 Apr 04 j 11:59	0°♓	
evening max el	-9475 Apr 10 j 07:53	6°♓22'26	27°04'59
desc. node	-9475 Apr 18 j 10:29	12°♓21'26	
retrograde	-9475 Apr 24 j 08:51	13°♓50'42	
evening set	-9475 May 01 j 00:57	11°♓47'55	
min. Earth dist.	-9475 May 04 j 21:01	8°♓57'44	0.61023 AU
inferior conj	-9475 May 08 j 03:07	6°♓04'57	-3°39'08
minimum elong	-9475 May 08 j 01:59	6°♓07'30	3°39'21
morning rise	-9475 May 15 j 05:00	1°♓13'40	
direct	-9475 May 17 j 18:31	0°♓46'26	
morning max el	-9475 May 24 j 17:26	4°♓12'45	18°05'44
asc. node	-9475 May 30 j 01:09	10°♓52'14	
morning set	-9475 Jun 09 j 21:30	29°♓40'44	
	-9475 Jun 10 j 01:41	0°♈	
superior conj	-9475 Jun 20 j 08:24	18°♈36'22	1°49'13
minimum elong	-9475 Jun 20 j 09:32	18°♈41'21	1°49'18
	-9475 Jun 26 j 23:40	0°♉	
max. Earth dist.	-9475 Jun 27 j 17:13	1°♉13'20	1.41759 AU
evening rise	-9475 Jul 04 j 00:28	11°♉30'51	
desc. node	-9475 Jul 15 j 07:41	28°♉59'39	
	-9475 Jul 15 j 23:51	0°♊	
evening max el	-9475 Aug 05 j 15:25	27°♊25'48	22°08'09
	-9475 Aug 08 j 10:29	0°♋	
retrograde	-9475 Aug 14 j 22:29	2°♋56'31	
evening set	-9475 Aug 19 j 10:16	1°♋07'35	
	-9475 Aug 20 j 15:31	30°℞♊	
inferior conj	-9475 Aug 24 j 16:37	24°♊54'39	-0°26'45
minimum elong	-9475 Aug 24 j 17:11	24°♊52'40	0°25'57
min. Earth dist.	-9475 Aug 24 j 19:56	24°♊43'09	0.67198 AU
asc. node	-9475 Aug 26 j 01:32	23°♊01'58	
morning rise	-9475 Aug 29 j 23:59	18°♊36'37	
direct	-9475 Sep 03 j 15:49	16°♊42'08	
morning max el	-9475 Sep 13 j 11:59	22°♊36'56	22°43'53
	-9475 Sep 19 j 20:41	0°♋	
	-9475 Oct 10 j 17:07	0°♌	
desc. node	-9475 Oct 11 j 06:37	0°♌52'48	
morning set	-9475 Oct 17 j 04:24	10°♌19'24	
max. Earth dist.	-9475 Oct 22 j 12:03	19°♌10'54	1.40535 AU
	-9475 Oct 28 j 17:02	0°♍	
superior conj	-9475 Oct 30 j 04:21	2°♍38'38	-1°36'12
minimum elong	-9475 Oct 30 j 01:32	2°♍25'54	1°35'44
evening rise	-9475 Nov 09 j 00:04	20°♍55'14	
	-9475 Nov 13 j 20:47	0°♎	
asc. node	-9475 Nov 22 j 00:00	13°♎11'51	
evening max el	-9475 Nov 25 j 05:10	16°♎55'19	18°21'13
retrograde	-9475 Dec 02 j 14:21	20°♎35'30	
evening set	-9475 Dec 05 j 02:51	20°♎11'00	
inferior conj	-9475 Dec 12 j 10:22	15°♎29'39	4°14'06
minimum elong	-9475 Dec 12 j 09:21	15°♎31'46	4°13'59
min. Earth dist.	-9475 Dec 15 j 16:16	12°♎48'01	0.59669 AU
morning rise	-9475 Dec 19 j 14:12	10°♎04'53	
direct	-9475 Dec 26 j 04:22	8°♎10'28	
desc. node	-9474 Jan 07 j 07:56	13°♎50'16	
morning max el	-9474 Jan 09 j 06:18	15°♎36'09	26°50'28
	-9474 Jan 21 j 00:58	0°♏	
	-9474 Feb 07 j 02:32	0°♐	
morning set	-9474 Feb 08 j 11:52	2°♐51'57	
superior conj	-9474 Feb 15 j 12:45	17°♐59'14	-0°23'26
minimum elong	-9474 Feb 15 j 13:44	18°♐04'38	0°23'48
max. Earth dist.	-9474 Feb 15 j 08:59	17°♐38'41	1.32752 AU
asc. node	-9474 Feb 17 j 22:06	23°♐12'05	
	-9474 Feb 21 j 01:56	0°♑	
evening rise	-9474 Feb 22 j 14:00	3°♑09'47	
	-9474 Mar 09 j 04:23	0°♒	
evening max el	-9474 Mar 23 j 08:18	18°♒05'10	26°12'14
desc. node	-9474 Apr 05 j 07:43	25°♒21'35	
retrograde	-9474 Apr 06 j 11:31	25°♒24'55	
evening set	-9474 Apr 12 j 09:02	23°♒58'14	
min. Earth dist.	-9474 Apr 16 j 21:35	21°♒09'07	0.59019 AU
inferior conj	-9474 Apr 20 j 05:42	18°♒35'23	-3°12'46
minimum elong	-9474 Apr 20 j 02:21	18°♒41'52	3°12'40
morning rise	-9474 Apr 27 j 22:32	14°♒04'12	
direct	-9474 Apr 30 j 08:34	13°♒43'47	
morning max el	-9474 May 08 j 02:58	17°♒27'00	18°29'26
asc. node	-9474 May 16 j 22:00	29°♒32'30	
	-9474 May 17 j 04:24	0°♓	
morning set	-9474 May 24 j 07:11	13°♓08'02	
	-9474 Jun 02 j 04:27	0°♈	
superior conj	-9474 Jun 02 j 14:11	0°♈45'01	1°47'44
minimum elong	-9474 Jun 02 j 12:41	0°♈38'08	1°47'38
max. Earth dist.	-9474 Jun 09 j 19:27	13°♈42'24	1.39939 AU
evening rise	-9474 Jun 14 j 08:21	21°♈26'35	
	-9474 Jun 19 j 13:55	0°♉	
desc. node	-9474 Jul 02 j 05:02	19°♉12'07	
	-9474 Jul 10 j 00:53	0°♊	
evening max el	-9474 Jul 19 j 04:21	10°♊47'18	23°29'27
retrograde	-9474 Jul 29 j 14:56	16°♊58'21	
evening set	-9474 Aug 03 j 17:15	14°♊48'30	
inferior conj	-9474 Aug 08 j 22:57	8°♊32'57	-1°15'52
minimum elong	-9474 Aug 09 j 00:31	8°♊27'34	1°14'45
min. Earth dist.	-9474 Aug 08 j 15:49	8°♊57'29	0.67237 AU
asc. node	-9474 Aug 12 j 22:34	3°♊34'28	
morning rise	-9474 Aug 14 j 07:42	2°♊19'48	
direct	-9474 Aug 18 j 10:51	0°♊44'10	
morning max el	-9474 Aug 27 j 03:59	5°♊56'02	21°22'50
	-9474 Sep 14 j 04:33	0°♋	
morning set	-9474 Sep 26 j 18:42	19°♋14'51	
desc. node	-9474 Sep 28 j 03:30	21°♋24'15	
	-9474 Oct 03 j 12:00	0°♌	
max. Earth dist.	-9474 Oct 04 j 16:09	1°♌55'00	1.42360 AU
superior conj	-9474 Oct 11 j 18:25	13°♌48'01	-1°16'37
minimum elong	-9474 Oct 11 j 13:37	13°♌27'29	1°15'41
	-9474 Oct 20 j 23:24	0°♍	
evening rise	-9474 Oct 23 j 01:35	3°♍46'15	
evening max el	-9474 Nov 08 j 15:37	0°♎01'06	18°07'53
asc. node	-9474 Nov 08 j 21:19	0°♎15'09	
	-9474 Nov 08 j 15:10	0°♎	
retrograde	-9474 Nov 15 j 11:04	3°♎32'48	
evening set	-9474 Nov 18 j 01:12	3°♎02'24	
	-9474 Nov 22 j 16:18	30°℞♍	
inferior conj	-9474 Nov 24 j 20:37	27°♍59'25	3°55'42
minimum elong	-9474 Nov 24 j 17:34	28°♍06'42	3°55'20
min. Earth dist.	-9474 Nov 27 j 18:41	25°♍12'51	0.61545 AU
morning rise	-9474 Dec 01 j 08:50	22°♍17'59	
direct	-9474 Dec 08 j 09:57	19°♍52'37	
morning max el	-9474 Dec 22 j 07:56	27°♍23'49	27°29'55
	-9474 Dec 24 j 20:48	0°♎	
desc. node	-9474 Dec 25 j 04:41	0°♎21'29	
	-9473 Jan 14 j 13:54	0°♏	
morning set	-9473 Jan 23 j 18:30	17°♏37'33	
	-9473 Jan 29 j 14:54	0°♐	
max. Earth dist.	-9473 Jan 29 j 21:17	0°♐34'33	1.32897 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9473 Jan 31 j 00:06	3°♐00'06	-0°45'41
minimum elong	-9473 Jan 31 j 01:52	3°♐09'45	0°45'51
asc. node	-9473 Feb 04 j 19:15	13°♐24'47	
evening rise	-9473 Feb 07 j 00:41	18°♐08'41	
	-9473 Feb 12 j 22:31	0°♑	
evening max el	-9473 Mar 05 j 03:32	29°♑13'34	24°53'58
	-9473 Mar 05 j 23:32	0°♒	
retrograde	-9473 Mar 19 j 02:51	6°♒16'14	
desc. node	-9473 Mar 23 j 04:55	5°♒37'48	
evening set	-9473 Mar 23 j 22:03	5°♒23'29	
min. Earth dist.	-9473 Mar 29 j 16:37	2°♒22'13	0.57207 AU
inferior conj	-9473 Apr 01 j 12:55	0°♒28'41	-2°15'31
minimum elong	-9473 Apr 01 j 08:42	0°♒35'43	2°14'59
	-9473 Apr 02 j 06:09	30°℞♑	
morning rise	-9473 Apr 09 j 22:31	26°♑15'31	
direct	-9473 Apr 12 j 05:29	26°♑00'14	
	-9473 Apr 20 j 23:22	0°♒	
morning max el	-9473 Apr 21 j 05:45	0°♒14'48	19°12'58
asc. node	-9473 May 03 j 18:51	18°♒44'48	
morning set	-9473 May 08 j 03:28	27°♒10'36	
	-9473 May 09 j 13:40	0°♓	
superior conj	-9473 May 16 j 14:09	13°♓50'34	1°37'10
minimum elong	-9473 May 16 j 11:24	13°♓37'17	1°36'43
max. Earth dist.	-9473 May 22 j 20:17	25°♓37'38	1.38062 AU
	-9473 May 25 j 06:22	0°♈	
evening rise	-9473 May 26 j 19:24	2°♈43'52	
	-9473 Jun 12 j 17:15	0°♉	
desc. node	-9473 Jun 19 j 02:27	9°♉04'18	
evening max el	-9473 Jul 01 j 14:36	24°♉10'34	24°49'54
	-9473 Jul 09 j 05:56	0°♊	
retrograde	-9473 Jul 13 j 03:36	0°♊57'11	
	-9473 Jul 16 j 17:39	30°℞♉	
evening set	-9473 Jul 18 j 20:58	28°♉28'04	
min. Earth dist.	-9473 Jul 23 j 09:42	23°♉13'57	0.66958 AU
inferior conj	-9473 Jul 24 j 04:07	22°♉12'26	-2°01'01
minimum elong	-9473 Jul 24 j 06:26	22°♉04'42	1°59'50
morning rise	-9473 Jul 29 j 15:51	16°♉07'39	
asc. node	-9473 Jul 30 j 19:31	15°♉26'03	
direct	-9473 Aug 02 j 08:11	14°♉49'16	
morning max el	-9473 Aug 10 j 02:33	19°♉22'18	20°11'32
	-9473 Aug 18 j 12:36	0°♊	
morning set	-9473 Sep 05 j 20:27	27°♊38'53	
	-9473 Sep 07 j 08:44	0°♋	
desc. node	-9473 Sep 15 j 00:28	12°♋02'38	
max. Earth dist.	-9473 Sep 17 j 03:22	15°♋25'42	1.43747 AU
superior conj	-9473 Sep 22 j 05:12	23°♋38'12	-0°43'04
minimum elong	-9473 Sep 22 j 00:55	23°♋20'43	0°41'59
	-9473 Sep 26 j 01:55	0°♌	
evening rise	-9473 Oct 05 j 09:58	15°♌48'16	
	-9473 Oct 13 j 17:54	0°♍	
evening max el	-9473 Oct 23 j 04:44	13°♍20'06	18°13'35
asc. node	-9473 Oct 26 j 18:36	16°♍06'46	
retrograde	-9473 Oct 29 j 19:10	16°♍53'49	
evening set	-9473 Nov 01 j 12:28	16°♍15'45	
inferior conj	-9473 Nov 07 j 21:20	10°♍53'00	3°21'05
minimum elong	-9473 Nov 07 j 17:40	11°♍02'50	3°20'27
min. Earth dist.	-9473 Nov 10 j 06:48	8°♍19'10	0.63246 AU
morning rise	-9473 Nov 13 j 22:09	4°♍57'37	
direct	-9473 Nov 20 j 23:07	2°♍14'57	
morning max el	-9473 Dec 04 j 14:56	9°♍49'25	27°34'13
desc. node	-9473 Dec 12 j 01:23	18°♍11'49	
	-9473 Dec 20 j 13:18	0°♎	
	-9472 Jan 06 j 18:35	0°♏	
morning set	-9472 Jan 07 j 18:57	2°♏01'09	
max. Earth dist.	-9472 Jan 13 j 04:32	13°♏09'57	1.33405 AU
superior conj	-9472 Jan 15 j 09:16	17°♏51'14	-1°05'55
minimum elong	-9472 Jan 15 j 11:32	18°♏03'24	1°05'56
	-9472 Jan 21 j 00:53	0°♐	
evening rise	-9472 Jan 22 j 12:03	3°♐05'51	
asc. node	-9472 Jan 22 j 16:27	3°♐28'53	
	-9472 Feb 06 j 10:18	0°♑	
evening max el	-9472 Feb 14 j 20:33	10°♑03'59	23°21'49
retrograde	-9472 Feb 28 j 05:33	16°♑36'57	
evening set	-9472 Mar 02 j 22:02	16°♑07'09	
desc. node	-9472 Mar 09 j 02:00	13°♑26'09	
min. Earth dist.	-9472 Mar 10 j 08:30	12°♑42'10	0.55907 AU
inferior conj	-9472 Mar 12 j 00:46	11°♑42'24	-0°45'58
minimum elong	-9472 Mar 11 j 22:50	11°♑45'18	0°45'55
morning rise	-9472 Mar 21 j 01:59	7°♑40'22	
direct	-9472 Mar 23 j 08:26	7°♑27'37	
morning max el	-9472 Apr 02 j 23:08	12°♑27'20	20°16'18
	-9472 Apr 15 j 07:18	0°♒	
asc. node	-9472 Apr 19 j 15:43	8°♒21'17	
morning set	-9472 Apr 21 j 07:12	11°♒39'47	
superior conj	-9472 Apr 29 j 03:21	27°♒39'07	1°20'31
minimum elong	-9472 Apr 29 j 00:26	27°♒24'22	1°19'47
	-9472 Apr 30 j 07:28	0°♓	
max. Earth dist.	-9472 May 04 j 01:17	7°♓20'42	1.36352 AU
evening rise	-9472 May 08 j 05:21	15°♓11'54	
	-9472 May 16 j 16:08	0°♈	
desc. node	-9472 Jun 04 j 23:52	28°♈27'09	
	-9472 Jun 06 j 05:42	0°♉	
evening max el	-9472 Jun 13 j 00:33	7°♉34'37	26°01'10
retrograde	-9472 Jun 25 j 11:51	14°♉47'16	
evening set	-9472 Jul 01 j 19:16	12°♉04'03	
min. Earth dist.	-9472 Jul 05 j 23:11	7°♉29'01	0.66325 AU
inferior conj	-9472 Jul 07 j 06:13	5°♉50'29	-2°40'39
minimum elong	-9472 Jul 07 j 08:54	5°♉41'57	2°39'40
morning rise	-9472 Jul 12 j 22:38	29°♈57'14	
	-9472 Jul 12 j 20:54	30°℞♈	
direct	-9472 Jul 16 j 06:08	28°♈53'51	
asc. node	-9472 Jul 16 j 16:23	28°♈54'53	
	-9472 Jul 19 j 18:49	0°♉	
morning max el	-9472 Jul 23 j 07:40	2°♉55'35	19°13'44
	-9472 Aug 11 j 03:50	0°♊	
morning set	-9472 Aug 15 j 06:18	6°♊28'26	
max. Earth dist.	-9472 Aug 29 j 19:05	29°♊24'12	1.44512 AU
	-9472 Aug 30 j 04:08	0°♋	
superior conj	-9472 Aug 31 j 14:34	2°♋16'27	0°01'47
minimum elong	-9472 Aug 31 j 14:51	2°♋17'34	0°02'19
behind sun begin	-9472 Aug 31 j 03:36	1°♋32'58	
behind sun end	-9472 Sep 01 j 02:05	3°♋02'12	
desc. node	-9472 Aug 31 j 21:33	2°♋44'10	
evening rise	-9472 Sep 15 j 19:44	26°♋47'28	
	-9472 Sep 17 j 18:43	0°♌	
evening max el	-9472 Oct 05 j 17:35	26°♌45'35	18°37'23
	-9472 Oct 10 j 01:53	0°♍	
retrograde	-9472 Oct 12 j 10:31	0°♍30'17	
asc. node	-9472 Oct 12 j 15:49	0°♍30'01	
	-9472 Oct 14 j 18:21	30°℞♌	
evening set	-9472 Oct 15 j 09:02	29°♌42'07	
inferior conj	-9472 Oct 21 j 09:01	24°♌02'46	2°36'44
minimum elong	-9472 Oct 21 j 05:43	24°♌12'31	2°36'05
min. Earth dist.	-9472 Oct 23 j 05:04	21°♌52'54	0.64664 AU
morning rise	-9472 Oct 27 j 01:52	17°♌56'14	
direct	-9472 Nov 02 j 19:02	15°♌09'52	
morning max el	-9472 Nov 16 j 00:40	22°♌42'30	27°05'27
	-9472 Nov 22 j 13:55	0°♍	
desc. node	-9472 Nov 27 j 22:04	6°♍57'35	
	-9472 Dec 12 j 18:07	0°♎	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9472 Dec 21 j 10:07	15°♎52'04	
max. Earth dist.	-9472 Dec 26 j 02:58	25°♎13'40	1.34315 AU
	-9472 Dec 28 j 10:29	0°♏	
superior conj	-9472 Dec 29 j 14:16	2°♏25'17	-1°23'08
minimum elong	-9472 Dec 29 j 16:36	2°♏37'32	1°23'07
evening rise	-9471 Jan 05 j 22:23	17°♏54'29	
asc. node	-9471 Jan 08 j 13:42	23°♏18'48	
	-9471 Jan 12 j 00:16	0°♐	
evening max el	-9471 Jan 26 j 16:54	21°♐00'48	21°49'24
retrograde	-9471 Feb 07 j 22:18	26°♐50'14	
evening set	-9471 Feb 10 j 19:58	26°♐31'24	
inferior conj	-9471 Feb 19 j 23:32	22°♐27'47	1°02'35
minimum elong	-9471 Feb 20 j 02:15	22°♐23'55	1°01'09
min. Earth dist.	-9471 Feb 19 j 23:07	22°♐28'23	0.55378 AU
desc. node	-9471 Feb 23 j 22:59	20°♐18'20	
morning rise	-9471 Mar 01 j 08:52	18°♐22'26	
direct	-9471 Mar 03 j 23:29	18°♐07'10	
morning max el	-9471 Mar 16 j 05:33	23°♐59'30	21°37'49
	-9471 Mar 21 j 12:45	0°♑	
morning set	-9471 Apr 05 j 15:52	26°♑28'04	
asc. node	-9471 Apr 06 j 12:38	28°♑15'42	
	-9471 Apr 07 j 08:39	0°♒	
superior conj	-9471 Apr 13 j 01:56	11°♒59'23	1°00'03
minimum elong	-9471 Apr 12 j 23:30	11°♒46'42	0°59'11
max. Earth dist.	-9471 Apr 16 j 15:18	19°♒17'19	1.34947 AU
evening rise	-9471 Apr 21 j 08:33	28°♒35'01	
	-9471 Apr 22 j 02:22	0°♓	
	-9471 May 09 j 20:32	0°♈	
desc. node	-9471 May 22 j 21:14	17°♈08'38	
evening max el	-9471 May 26 j 11:15	20°♈55'05	26°54'51
retrograde	-9471 Jun 08 j 15:18	28°♈22'23	
evening set	-9471 Jun 15 j 09:41	25°♈34'07	
min. Earth dist.	-9471 Jun 19 j 06:14	21°♈37'39	0.65309 AU
inferior conj	-9471 Jun 21 j 03:11	19°♈24'55	-3°12'53
minimum elong	-9471 Jun 21 j 05:44	19°♈17'22	3°12'16
morning rise	-9471 Jun 27 j 02:06	13°♈45'53	
direct	-9471 Jun 30 j 02:45	12°♈55'03	
asc. node	-9471 Jul 03 j 13:14	13°♈57'54	
morning max el	-9471 Jul 06 j 18:00	16°♈34'20	18°31'47
	-9471 Jul 16 j 13:09	0°♉	
morning set	-9471 Jul 26 j 14:52	16°♉22'13	
	-9471 Aug 04 j 00:22	0°♊	
superior conj	-9471 Aug 10 j 14:10	10°♊29'49	0°48'08
minimum elong	-9471 Aug 10 j 19:40	10°♊51'40	0°48'01
max. Earth dist.	-9471 Aug 12 j 12:00	13°♊31'24	1.44573 AU
desc. node	-9471 Aug 18 j 18:40	23°♊25'46	
	-9471 Aug 22 j 22:47	0°♋	
evening rise	-9471 Aug 27 j 02:52	6°♋34'15	
greatest brilliancy	-9471 Sep 05 j 01:30	20°♋37'13	-0.8m
	-9471 Sep 11 j 05:37	0°♌	
evening max el	-9471 Sep 19 j 03:36	10°♌13'54	19°18'12
retrograde	-9471 Sep 26 j 05:52	14°♌17'52	
evening set	-9471 Sep 29 j 11:56	13°♌16'34	
asc. node	-9471 Sep 29 j 12:59	13°♌14'55	
inferior conj	-9471 Oct 05 j 04:43	7°♌23'58	1°47'04
minimum elong	-9471 Oct 05 j 02:19	7°♌31'34	1°46'41
min. Earth dist.	-9471 Oct 06 j 12:09	5°♌44'16	0.65768 AU
morning rise	-9471 Oct 10 j 16:21	1°♌09'40	
	-9471 Oct 12 j 04:58	30°℞♋	
direct	-9471 Oct 16 j 21:19	28°♋30'35	
	-9471 Oct 22 j 01:24	0°♌	
morning max el	-9471 Oct 29 j 10:42	5°♌50'56	26°09'49
desc. node	-9471 Nov 14 j 18:48	26°♌22'59	
	-9471 Nov 17 j 05:26	0°♍	

morning set	-9471 Dec 04 j 12:02	28°♍58'31	
	-9471 Dec 05 j 01:14	0°♎	
max. Earth dist.	-9471 Dec 08 j 14:07	6°♎44'35	1.35664 AU
superior conj	-9471 Dec 13 j 12:44	16°♎35'08	-1°36'03
minimum elong	-9471 Dec 13 j 14:33	16°♎44'24	1°36'01
	-9471 Dec 20 j 00:55	0°♏	
evening rise	-9471 Dec 21 j 05:58	2°♏29'17	
asc. node	-9471 Dec 26 j 10:58	12°♏48'40	
	-9470 Jan 06 j 13:50	0°♐	
evening max el	-9470 Jan 08 j 21:35	2°♐24'35	20°27'37
retrograde	-9470 Jan 19 j 13:20	7°♐24'48	
evening set	-9470 Jan 22 j 03:08	7°♐08'32	
inferior conj	-9470 Jan 30 j 21:46	3°♐09'42	2°41'52
minimum elong	-9470 Jan 31 j 03:23	3°♐01'22	2°39'55
min. Earth dist.	-9470 Feb 01 j 13:12	2°♐11'17	0.55747 AU
	-9470 Feb 05 j 15:27	30°℞♏	
morning rise	-9470 Feb 09 j 01:56	28°♏45'16	
desc. node	-9470 Feb 10 j 19:55	28°♏24'43	
direct	-9470 Feb 12 j 15:18	28°♏17'25	
	-9470 Feb 19 j 08:49	0°♐	
morning max el	-9470 Feb 26 j 01:50	4°♐55'26	23°12'09
	-9470 Mar 15 j 09:51	0°♑	
morning set	-9470 Mar 21 j 03:21	11°♑27'56	
asc. node	-9470 Mar 24 j 09:36	18°♑22'09	
superior conj	-9470 Mar 28 j 06:55	26°♑41'12	0°37'23
minimum elong	-9470 Mar 28 j 05:20	26°♑32'46	0°36'32
	-9470 Mar 29 j 20:23	0°♒	
max. Earth dist.	-9470 Mar 30 j 15:24	1°♒40'04	1.33899 AU
evening rise	-9470 Apr 05 j 00:06	12°♒37'44	
	-9470 Apr 14 j 08:35	0°♓	
	-9470 May 05 j 02:01	0°♈	
evening max el	-9470 May 08 j 21:53	4°♈01'42	27°23'26
desc. node	-9470 May 09 j 18:34	4°♈50'53	
retrograde	-9470 May 22 j 13:09	11°♈33'37	
evening set	-9470 May 29 j 13:12	8°♈52'46	
min. Earth dist.	-9470 Jun 02 j 05:04	5°♈30'15	0.63902 AU
inferior conj	-9470 Jun 04 j 16:29	2°♈50'39	-3°35'00
minimum elong	-9470 Jun 04 j 18:13	2°♈45'59	3°34'52
	-9470 Jun 07 j 11:28	30°℞♓	
morning rise	-9470 Jun 10 j 23:58	27°♓28'22	
direct	-9470 Jun 13 j 19:28	26°♓47'53	
asc. node	-9470 Jun 20 j 10:04	0°♈20'40	
	-9470 Jun 20 j 01:44	0°♈	
morning max el	-9470 Jun 20 j 07:21	0°♈13'49	18°07'07
morning set	-9470 Jul 08 j 01:05	27°♈27'53	
	-9470 Jul 09 j 12:39	0°♉	
superior conj	-9470 Jul 21 j 02:24	19°♉21'29	1°24'15
minimum elong	-9470 Jul 21 j 08:35	19°♉46'43	1°24'06
max. Earth dist.	-9470 Jul 26 j 03:10	27°♉29'22	1.43940 AU
	-9470 Jul 27 j 16:55	0°♊	
desc. node	-9470 Aug 05 j 15:51	14°♊04'07	
evening rise	-9470 Aug 06 j 10:42	15°♊17'16	
	-9470 Aug 16 j 00:56	0°♋	
evening max el	-9470 Sep 02 j 08:29	23°♋41'13	20°14'32
retrograde	-9470 Sep 10 j 02:36	28°♋12'46	
evening set	-9470 Sep 13 j 18:37	26°♋55'01	
asc. node	-9470 Sep 16 j 10:07	24°♋26'25	
inferior conj	-9470 Sep 19 j 05:56	20°♋52'18	0°55'01
minimum elong	-9470 Sep 19 j 04:41	20°♋56'30	0°55'04
min. Earth dist.	-9470 Sep 20 j 01:52	19°♋45'50	0.66558 AU
morning rise	-9470 Sep 24 j 14:29	14°♋33'55	
direct	-9470 Sep 30 j 05:08	12°♋09'36	
morning max el	-9470 Oct 11 j 20:00	19°♋04'18	24°55'50
	-9470 Oct 21 j 03:26	0°♌	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9470 Nov 01 j 15:35	16°♌16'22	
	-9470 Nov 10 j 07:49	0°♍	
morning set	-9470 Nov 16 j 19:36	11°♍06'02	
max. Earth dist.	-9470 Nov 20 j 15:30	18°♍00'31	1.37407 AU
	-9470 Nov 26 j 23:09	0°♎	
superior conj	-9470 Nov 27 j 01:33	0°♎11'41	-1°42'58
minimum elong	-9470 Nov 27 j 02:07	0°♎14'29	1°42'54
evening rise	-9470 Dec 05 j 08:49	16°♎44'44	
	-9470 Dec 12 j 06:50	0°♏	
asc. node	-9470 Dec 13 j 08:15	1°♏51'23	
evening max el	-9470 Dec 22 j 12:31	14°♏23'10	19°22'53
retrograde	-9470 Dec 31 j 14:50	18°♏41'38	
evening set	-9469 Jan 03 j 03:06	18°♏23'27	
inferior conj	-9469 Jan 11 j 08:10	14°♏13'43	3°47'25
minimum elong	-9469 Jan 11 j 12:28	14°♏06'34	3°46'24
min. Earth dist.	-9469 Jan 14 j 03:12	12°♏22'55	0.56910 AU
morning rise	-9469 Jan 19 j 19:35	9°♏24'00	
direct	-9469 Jan 24 j 17:01	8°♏29'09	
desc. node	-9469 Jan 28 j 16:48	9°♏06'10	
morning max el	-9469 Feb 07 j 16:45	15°♏35'04	24°48'47
	-9469 Feb 19 j 04:52	0°♐	
morning set	-9469 Mar 05 j 15:52	26°♐33'08	
	-9469 Mar 07 j 06:58	0°♑	
asc. node	-9469 Mar 11 j 06:39	8°♑36'11	
superior conj	-9469 Mar 12 j 16:02	11°♑37'09	0°13'43
minimum elong	-9469 Mar 12 j 15:27	11°♑34'04	0°13'01
behind sun begin	-9469 Mar 12 j 12:35	11°♑18'29	
behind sun end	-9469 Mar 12 j 18:20	11°♑49'38	
max. Earth dist.	-9469 Mar 13 j 23:38	14°♑27'52	1.33200 AU
evening rise	-9469 Mar 20 j 00:19	27°♑08'04	
	-9469 Mar 21 j 10:28	0°♒	
	-9469 Apr 07 j 17:37	0°♓	
evening max el	-9469 Apr 21 j 06:19	16°♓42'42	27°21'13
desc. node	-9469 Apr 26 j 15:51	21°♓09'32	
retrograde	-9469 May 05 j 04:28	24°♓12'36	
evening set	-9469 May 12 j 02:20	21°♓52'40	
min. Earth dist.	-9469 May 15 j 18:35	18°♓54'34	0.62150 AU
inferior conj	-9469 May 18 j 19:06	16°♓01'28	-3°43'04
minimum elong	-9469 May 18 j 19:13	16°♓01'13	3°43'16
morning rise	-9469 May 25 j 13:29	10°♓58'09	
direct	-9469 May 28 j 05:06	10°♓26'19	
morning max el	-9469 Jun 03 j 21:20	13°♓49'04	18°00'46
asc. node	-9469 Jun 07 j 06:55	17°♓47'31	
	-9469 Jun 14 j 23:39	0°♈	
morning set	-9469 Jun 20 j 09:34	9°♈37'45	
superior conj	-9469 Jul 01 j 16:34	29°♈29'59	1°44'29
minimum elong	-9469 Jul 01 j 19:43	29°♈43'26	1°44'34
	-9469 Jul 01 j 23:36	0°♉	
max. Earth dist.	-9469 Jul 08 j 14:28	11°♉03'28	1.42697 AU
evening rise	-9469 Jul 16 j 12:11	23°♉43'35	
	-9469 Jul 20 j 13:00	0°♊	
desc. node	-9469 Jul 23 j 13:06	4°♊35'50	
	-9469 Aug 10 j 05:46	0°♋	
evening max el	-9469 Aug 16 j 06:48	7°♋05'39	21°23'49
retrograde	-9469 Aug 24 j 22:47	12°♋12'36	
evening set	-9469 Aug 29 j 02:56	10°♋35'29	
inferior conj	-9469 Sep 03 j 10:34	4°♋25'33	0°02'44
minimum elong	-9469 Sep 03 j 10:29	4°♋25'48	0°03'17
transit middle	-9469 Sep 03 j 10:29	4°♋25'48	0°03'17
transit begin	-9469 Sep 03 j 07:50	4°♋34'55	
transit end	-9469 Sep 03 j 13:09	4°♋16'41	
asc. node	-9469 Sep 03 j 07:13	4°♋37'01	
min. Earth dist.	-9469 Sep 03 j 19:48	3°♋53'50	0.67053 AU
	-9469 Sep 06 j 20:35	30°℞♊	
morning rise	-9469 Sep 08 j 17:54	28°♊06'35	
direct	-9469 Sep 13 j 17:52	26°♊00'56	
	-9469 Sep 21 j 19:13	0°♋	
morning max el	-9469 Sep 24 j 05:54	2°♋18'52	23°32'32
	-9469 Oct 15 j 06:16	0°♌	
desc. node	-9469 Oct 19 j 12:21	6°♌28'56	
morning set	-9469 Oct 29 j 03:08	21°♌59'30	
max. Earth dist.	-9469 Nov 02 j 13:24	29°♌34'16	1.39392 AU
	-9469 Nov 02 j 19:17	0°♍	
superior conj	-9469 Nov 10 j 00:30	13°♍02'12	-1°41'42
minimum elong	-9469 Nov 09 j 23:03	12°♍55'30	1°41'26
	-9469 Nov 18 j 21:29	0°♎	
evening rise	-9469 Nov 19 j 04:26	0°♎33'36	
asc. node	-9469 Nov 30 j 05:34	20°♎17'12	
evening max el	-9469 Dec 05 j 12:49	26°♎52'50	18°37'51
	-9469 Dec 09 j 23:52	0°♏	
retrograde	-9469 Dec 13 j 10:03	0°♏43'17	
evening set	-9469 Dec 15 j 22:18	0°♏21'20	
	-9469 Dec 16 j 23:27	30°℞♎	
inferior conj	-9469 Dec 23 j 13:19	25°♎52'03	4°13'50
minimum elong	-9469 Dec 23 j 14:09	25°♎50'28	4°13'37
min. Earth dist.	-9469 Dec 26 j 19:12	23°♎23'25	0.58594 AU
morning rise	-9469 Dec 31 j 04:07	20°♎38'51	
direct	-9468 Jan 06 j 06:22	19°♎06'44	
desc. node	-9468 Jan 15 j 13:39	22°♎27'45	
morning max el	-9468 Jan 20 j 09:05	26°♎26'37	26°13'11
	-9468 Jan 23 j 18:43	0°♏	
	-9468 Feb 12 j 08:42	0°♐	
morning set	-9468 Feb 18 j 03:36	11°♐36'15	
superior conj	-9468 Feb 25 j 03:19	26°♐39'35	-0°10'04
minimum elong	-9468 Feb 25 j 03:46	26°♐42'01	0°10'33
behind sun begin	-9468 Feb 25 j 00:02	26°♐21'35	
behind sun end	-9468 Feb 25 j 07:31	27°♐02'28	
max. Earth dist.	-9468 Feb 25 j 12:26	27°♐29'18	1.32827 AU
asc. node	-9468 Feb 26 j 03:44	28°♐52'45	
	-9468 Feb 26 j 16:05	0°♑	
evening rise	-9468 Mar 03 j 06:17	11°♑55'18	
	-9468 Mar 12 j 15:47	0°♒	
evening max el	-9468 Apr 02 j 09:58	28°♒46'50	26°46'11
	-9468 Apr 03 j 17:33	0°♓	
desc. node	-9468 Apr 12 j 13:08	5°♓32'01	
retrograde	-9468 Apr 16 j 11:56	6°♓11'25	
evening set	-9468 Apr 22 j 21:36	4°♓23'29	
min. Earth dist.	-9468 Apr 26 j 23:05	1°♓35'48	0.60172 AU
	-9468 Apr 28 j 21:34	30°℞♒	
inferior conj	-9468 Apr 30 j 07:27	28°♒48'31	-3°31'20
minimum elong	-9468 Apr 30 j 05:19	28°♒52'59	3°31'28
morning rise	-9468 May 07 j 15:21	24°♒05'48	
direct	-9468 May 10 j 03:35	23°♒41'29	
morning max el	-9468 May 17 j 09:16	27°♒12'55	18°13'28
	-9468 May 19 j 21:55	0°♓	
asc. node	-9468 May 24 j 03:46	6°♓03'59	
morning set	-9468 Jun 02 j 11:20	22°♓39'42	
	-9468 Jun 06 j 09:30	0°♈	
superior conj	-9468 Jun 12 j 09:18	10°♈58'29	1°49'56
minimum elong	-9468 Jun 12 j 09:09	10°♈57'51	1°49'58
max. Earth dist.	-9468 Jun 19 j 20:08	23°♈59'01	1.41009 AU
	-9468 Jun 23 j 10:28	0°♉	
evening rise	-9468 Jun 25 j 05:06	2°♉54'41	
desc. node	-9468 Jul 09 j 10:24	24°♉56'56	
	-9468 Jul 12 j 21:47	0°♊	
evening max el	-9468 Jul 28 j 22:34	20°♊27'21	22°42'16
retrograde	-9468 Aug 07 j 17:00	26°♊15'07	
evening set	-9468 Aug 12 j 10:57	24°♊16'59	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

inferior conj	-9468 Aug 17 j 16:47	18°♊02'35	-0°47'58
minimum elong	-9468 Aug 17 j 17:48	17°♊59'04	0°47'01
min. Earth dist.	-9468 Aug 17 j 15:37	18°♊06'34	0.67255 AU
asc. node	-9468 Aug 20 j 04:15	14°♊44'18	
morning rise	-9468 Aug 23 j 00:34	11°♊46'28	
direct	-9468 Aug 27 j 10:46	10°♊00'20	
morning max el	-9468 Sep 05 j 19:06	15°♊36'22	22°08'37
	-9468 Sep 17 j 07:47	0°♋	
desc. node	-9468 Oct 05 j 09:12	26°♋55'06	
	-9468 Oct 07 j 07:54	0°♌	
morning set	-9468 Oct 08 j 07:34	1°♌34'32	
max. Earth dist.	-9468 Oct 14 j 14:25	11°♌51'34	1.41354 AU
superior conj	-9468 Oct 22 j 04:16	24°♌52'45	-1°29'34
minimum elong	-9468 Oct 22 j 00:27	24°♌35'58	1°28'53
	-9468 Oct 25 j 01:09	0°♍	
evening rise	-9468 Nov 01 j 13:44	13°♍48'44	
	-9468 Nov 10 j 14:51	0°♎	
asc. node	-9468 Nov 16 j 02:53	7°♎54'29	
evening max el	-9468 Nov 17 j 20:18	9°♎47'16	18°13'03
retrograde	-9468 Nov 24 j 22:38	13°♎22'49	
evening set	-9468 Nov 27 j 11:34	12°♎56'03	
inferior conj	-9468 Dec 04 j 13:44	8°♎05'05	4°08'49
minimum elong	-9468 Dec 04 j 11:40	8°♎09'39	4°08'37
min. Earth dist.	-9468 Dec 07 j 17:03	5°♎18'57	0.60478 AU
morning rise	-9468 Dec 11 j 10:21	2°♎32'34	
direct	-9468 Dec 18 j 06:28	0°♎23'50	
desc. node	-9467 Jan 01 j 10:27	7°♎59'49	
morning max el	-9467 Jan 01 j 07:17	7°♎52'09	27°11'30
	-9467 Jan 18 j 04:37	0°♏	
morning set	-9467 Feb 01 j 12:42	26°♏30'22	
	-9467 Feb 03 j 04:47	0°♐	
max. Earth dist.	-9467 Feb 08 j 01:57	10°♐30'41	1.32773 AU
superior conj	-9467 Feb 08 j 15:07	11°♐42'32	-0°33'05
minimum elong	-9467 Feb 08 j 16:28	11°♐49'54	0°33'21
asc. node	-9467 Feb 12 j 00:52	19°♐07'52	
evening rise	-9467 Feb 15 j 15:46	26°♐51'30	
	-9467 Feb 17 j 04:08	0°♑	
	-9467 Mar 06 j 14:09	0°♒	
evening max el	-9467 Mar 15 j 07:40	10°♒11'59	25°41'20
retrograde	-9467 Mar 29 j 10:04	17°♒26'20	
desc. node	-9467 Mar 30 j 10:22	17°♒23'50	
evening set	-9467 Apr 03 j 21:12	16°♒14'39	
min. Earth dist.	-9467 Apr 08 j 20:41	13°♒21'59	0.58203 AU
inferior conj	-9467 Apr 12 j 01:56	11°♒02'49	-2°52'32
minimum elong	-9467 Apr 11 j 21:56	11°♒10'05	2°52'13
morning rise	-9467 Apr 20 j 01:50	6°♒40'15	
direct	-9467 Apr 22 j 10:30	6°♒22'16	
morning max el	-9467 Apr 30 j 16:17	10°♒16'40	18°45'38
asc. node	-9467 May 11 j 00:36	24°♒58'18	
	-9467 May 13 j 18:12	0°♓	
morning set	-9467 May 17 j 01:54	6°♓22'17	
superior conj	-9467 May 25 j 23:27	23°♓32'51	1°44'10
minimum elong	-9467 May 25 j 21:16	23°♓22'34	1°43'56
	-9467 May 29 j 10:43	0°♈	
max. Earth dist.	-9467 Jun 01 j 20:50	6°♈10'15	1.39122 AU
evening rise	-9467 Jun 06 j 00:36	13°♈24'23	
	-9467 Jun 16 j 04:55	0°♉	
desc. node	-9467 Jun 26 j 07:47	15°♉01'31	
	-9467 Jul 07 j 21:06	0°♊	
evening max el	-9467 Jul 11 j 09:45	3°♊48'15	24°04'13
retrograde	-9467 Jul 22 j 08:03	10°♊16'07	
evening set	-9467 Jul 27 j 16:47	7°♊57'29	
inferior conj	-9467 Aug 01 j 22:48	1°♊41'21	-1°35'35
minimum elong	-9467 Aug 02 j 00:44	1°♊34'48	1°34'25
min. Earth dist.	-9467 Aug 01 j 10:55	2°♊21'49	0.67153 AU
	-9467 Aug 03 j 04:55	30°℞♉	
morning rise	-9467 Aug 07 j 08:38	25°♉31'23	
asc. node	-9467 Aug 07 j 01:13	25°♉45'50	
direct	-9467 Aug 11 j 06:49	24°♉03'34	
morning max el	-9467 Aug 19 j 13:51	28°♉58'34	20°51'06
	-9467 Aug 20 j 12:59	0°♊	
	-9467 Sep 10 j 23:57	0°♋	
morning set	-9467 Sep 17 j 14:14	10°♋10'03	
desc. node	-9467 Sep 22 j 06:06	17°♋29'50	
max. Earth dist.	-9467 Sep 26 j 21:23	24°♋55'54	1.43015 AU
	-9467 Sep 29 j 23:52	0°♌	
superior conj	-9467 Oct 03 j 07:01	5°♌28'39	-1°04'04
minimum elong	-9467 Oct 03 j 01:59	5°♌07'33	1°03'00
evening rise	-9467 Oct 15 j 08:36	26°♌20'14	
	-9467 Oct 17 j 10:17	0°♍	
evening max el	-9467 Nov 01 j 08:10	22°♍58'59	18°07'58
asc. node	-9467 Nov 03 j 00:09	24°♍28'57	
retrograde	-9467 Nov 08 j 00:41	26°♍30'38	
evening set	-9467 Nov 10 j 15:48	25°♍57'23	
inferior conj	-9467 Nov 17 j 06:34	20°♍45'50	3°42'33
minimum elong	-9467 Nov 17 j 03:07	20°♍54'33	3°42'03
min. Earth dist.	-9467 Nov 19 j 23:41	18°♍02'31	0.62299 AU
morning rise	-9467 Nov 23 j 13:25	14°♍57'50	
direct	-9467 Nov 30 j 15:32	12°♍23'05	
morning max el	-9467 Dec 14 j 11:34	19°♍57'01	27°35'58
desc. node	-9467 Dec 19 j 07:11	25°♍07'51	
	-9467 Dec 23 j 05:11	0°♎	
	-9466 Jan 11 j 00:16	0°♏	
morning set	-9466 Jan 16 j 17:02	11°♏07'50	
max. Earth dist.	-9466 Jan 22 j 12:26	23°♏18'39	1.33059 AU
superior conj	-9466 Jan 24 j 01:46	26°♏40'04	-0°54'35
minimum elong	-9466 Jan 24 j 03:47	26°♏51'02	0°54'40
	-9466 Jan 25 j 14:38	0°♐	
asc. node	-9466 Jan 29 j 22:02	9°♐17'25	
evening rise	-9466 Jan 31 j 02:55	11°♐50'10	
	-9466 Feb 09 j 11:46	0°♑	
evening max el	-9466 Feb 25 j 01:20	21°♑10'00	24°15'42
retrograde	-9466 Mar 10 j 20:37	28°♑02'35	
evening set	-9466 Mar 15 j 03:39	27°♑21'19	
desc. node	-9466 Mar 17 j 07:31	26°♑31'35	
min. Earth dist.	-9466 Mar 21 j 14:22	24°♑11'10	0.56564 AU
inferior conj	-9466 Mar 24 j 00:39	22°♑39'13	-1°41'09
minimum elong	-9466 Mar 23 j 20:58	22°♑45'03	1°40'38
morning rise	-9466 Apr 01 j 17:21	18°♑32'05	
direct	-9466 Apr 03 j 23:12	18°♑18'27	
morning max el	-9466 Apr 13 j 15:29	22°♑51'10	19°37'35
	-9466 Apr 19 j 13:39	0°♒	
asc. node	-9466 Apr 27 j 21:27	14°♒21'52	
morning set	-9466 May 01 j 01:41	20°♒37'06	
	-9466 May 05 j 17:35	0°♓	
superior conj	-9466 May 09 j 05:36	6°♓58'26	1°30'42
minimum elong	-9466 May 09 j 02:40	6°♓44'00	1°30'07
max. Earth dist.	-9466 May 14 j 22:15	17°♓55'10	1.37297 AU
evening rise	-9466 May 18 j 22:07	25°♓14'02	
	-9466 May 21 j 14:53	0°♈	
	-9466 Jun 09 j 18:08	0°♉	
desc. node	-9466 Jun 13 j 05:10	4°♉42'31	
evening max el	-9466 Jun 23 j 19:36	17°♉12'00	25°21'53
retrograde	-9466 Jul 05 j 19:04	24°♉11'41	
evening set	-9466 Jul 11 j 18:28	21°♉35'52	
min. Earth dist.	-9466 Jul 16 j 03:20	16°♉37'57	0.66729 AU
inferior conj	-9466 Jul 17 j 02:54	15°♉20'36	-2°18'37
minimum elong	-9466 Jul 17 j 05:26	15°♉12'19	2°17'29

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning rise	-9466 Jul 22 j 16:24	9°♉20'07	
asc. node	-9466 Jul 24 j 22:07	8°♉17'44	
direct	-9466 Jul 26 j 04:40	8°♉08'26	
morning max el	-9466 Aug 02 j 15:13	12°♉27'34	19°45'04
	-9466 Aug 15 j 15:01	0°♊	
morning set	-9466 Aug 27 j 16:50	18°♊37'32	
	-9466 Sep 03 j 23:10	0°♋	
desc. node	-9466 Sep 09 j 03:04	8°♋09'45	
max. Earth dist.	-9466 Sep 09 j 10:15	8°♋38'20	1.44156 AU
superior conj	-9466 Sep 13 j 06:04	14°♋45'26	-0°25'00
minimum elong	-9466 Sep 13 j 03:17	14°♋34'14	0°24'05
	-9466 Sep 22 j 13:59	0°♌	
evening rise	-9466 Sep 27 j 07:58	7°♌56'40	
	-9466 Oct 10 j 20:34	0°♍	
evening max el	-9466 Oct 15 j 21:33	6°♍21'41	18°21'35
asc. node	-9466 Oct 20 j 21:23	9°♍44'49	
retrograde	-9466 Oct 22 j 12:09	9°♍58'46	
evening set	-9466 Oct 25 j 07:25	9°♍16'47	
inferior conj	-9466 Oct 31 j 12:20	3°♍46'55	3°03'08
minimum elong	-9466 Oct 31 j 08:44	3°♍57'00	3°02'28
min. Earth dist.	-9466 Nov 02 j 16:11	1°♍21'59	0.63893 AU
	-9466 Nov 03 j 23:09	30°℞♌	
morning rise	-9466 Nov 06 j 09:24	27°♌46'29	
direct	-9466 Nov 13 j 07:59	25°♌00'20	
	-9466 Nov 23 j 23:49	0°♍	
morning max el	-9466 Nov 26 j 19:52	2°♍35'07	27°25'36
desc. node	-9466 Dec 06 j 03:53	13°♍24'11	
	-9466 Dec 17 j 11:20	0°♎	
morning set	-9466 Dec 31 j 13:56	25°♎18'48	
	-9465 Jan 02 j 22:03	0°♏	
max. Earth dist.	-9465 Jan 05 j 16:05	5°♏40'21	1.33737 AU
superior conj	-9465 Jan 08 j 09:26	11°♏25'04	-1°13'40
minimum elong	-9465 Jan 08 j 11:47	11°♏37'36	1°13'40
evening rise	-9465 Jan 15 j 14:03	26°♏44'25	
asc. node	-9465 Jan 16 j 19:15	29°♏16'12	
	-9465 Jan 17 j 03:46	0°♐	
	-9465 Feb 04 j 19:15	0°♑	
evening max el	-9465 Feb 06 j 19:17	2°♑01'00	22°41'54
retrograde	-9465 Feb 19 j 18:14	8°♑16'16	
evening set	-9465 Feb 23 j 01:12	7°♑52'38	
min. Earth dist.	-9465 Mar 03 j 05:51	4°♑13'33	0.55573 AU
inferior conj	-9465 Mar 04 j 05:48	3°♑39'00	-0°00'48
minimum elong	-9465 Mar 04 j 05:45	3°♑39'06	0°01'21
transit middle	-9465 Mar 04 j 05:45	3°♑39'06	0°01'21
transit begin	-9465 Mar 04 j 01:41	3°♑44'58	
transit end	-9465 Mar 04 j 09:49	3°♑33'14	
desc. node	-9465 Mar 04 j 04:35	3°♑40'46	
	-9465 Mar 11 j 21:35	30°℞♐	
morning rise	-9465 Mar 13 j 11:44	29°♐37'12	
direct	-9465 Mar 15 j 20:12	29°♐24'08	
	-9465 Mar 19 j 15:23	0°♑	
morning max el	-9465 Mar 27 j 04:14	4°♑46'35	20°48'54
	-9465 Apr 12 j 17:14	0°♒	
asc. node	-9465 Apr 14 j 18:21	4°♒06'40	
morning set	-9465 Apr 15 j 07:48	5°♒15'12	
superior conj	-9465 Apr 22 j 23:11	21°♒01'24	1°12'12
minimum elong	-9465 Apr 22 j 20:24	20°♒47'10	1°11'23
	-9465 Apr 27 j 10:31	0°♓	
max. Earth dist.	-9465 Apr 27 j 06:48	29°♒41'42	1.35716 AU
evening rise	-9465 May 01 j 16:06	8°♓07'37	
	-9465 May 14 j 06:45	0°♈	
desc. node	-9465 May 31 j 02:33	23°♈49'21	
	-9465 Jun 05 j 15:37	0°♉	
evening max el	-9465 Jun 06 j 06:04	0°♉36'01	26°26'44
retrograde	-9465 Jun 19 j 01:13	7°♉55'44	
evening set	-9465 Jun 25 j 13:43	5°♉09'25	
min. Earth dist.	-9465 Jun 29 j 14:25	0°♉50'46	0.65940 AU
	-9465 Jun 30 j 06:56	30°℞♈	
inferior conj	-9465 Jul 01 j 03:06	28°♈57'30	-2°55'24
minimum elong	-9465 Jul 01 j 05:48	28°♈49'08	2°54'33
morning rise	-9465 Jul 06 j 22:01	23°♈09'41	
direct	-9465 Jul 10 j 02:26	22°♈11'46	
asc. node	-9465 Jul 11 j 18:59	22°♈27'33	
morning max el	-9465 Jul 16 j 22:40	26°♈02'48	18°53'48
	-9465 Jul 20 j 07:40	0°♉	
morning set	-9465 Aug 07 j 11:19	27°♉51'45	
	-9465 Aug 08 j 19:24	0°♊	
superior conj	-9465 Aug 23 j 08:37	23°♊05'31	0°22'00
minimum elong	-9465 Aug 23 j 11:26	23°♊16'37	0°22'12
max. Earth dist.	-9465 Aug 23 j 02:58	22°♊43'10	1.44628 AU
desc. node	-9465 Aug 27 j 00:08	28°♊51'38	
	-9465 Aug 27 j 17:24	0°♋	
evening rise	-9465 Sep 08 j 06:36	18°♋25'42	
	-9465 Sep 15 j 11:24	0°♌	
evening max el	-9465 Sep 29 j 09:36	19°♌49'41	18°52'48
retrograde	-9465 Oct 06 j 05:30	23°♌41'09	
asc. node	-9465 Oct 07 j 18:34	23°♌27'33	
evening set	-9465 Oct 09 j 07:04	22°♌47'38	
inferior conj	-9465 Oct 15 j 03:46	17°♌02'19	2°16'07
minimum elong	-9465 Oct 15 j 00:48	17°♌11'22	2°15'33
min. Earth dist.	-9465 Oct 16 j 18:17	15°♌04'58	0.65176 AU
morning rise	-9465 Oct 20 j 18:08	10°♌52'23	
direct	-9465 Oct 27 j 06:38	8°♌08'01	
morning max el	-9465 Nov 09 j 05:48	15°♌36'02	26°44'38
	-9465 Nov 21 j 05:47	0°♍	
desc. node	-9465 Nov 23 j 00:34	2°♍28'55	
	-9465 Dec 10 j 04:44	0°♎	
morning set	-9465 Dec 15 j 00:02	8°♎52'48	
max. Earth dist.	-9465 Dec 19 j 09:59	17°♎30'26	1.34842 AU
superior conj	-9465 Dec 23 j 12:01	25°♎50'33	-1°29'13
minimum elong	-9465 Dec 23 j 14:13	26°♎01'57	1°29'12
	-9465 Dec 25 j 11:53	0°♏	
evening rise	-9465 Dec 30 j 23:29	11°♏28'40	
asc. node	-9464 Jan 03 j 16:31	18°♏58'49	
	-9464 Jan 09 j 17:49	0°♐	
evening max el	-9464 Jan 19 j 18:49	13°♐07'57	21°12'46
retrograde	-9464 Jan 31 j 08:24	18°♐35'52	
evening set	-9464 Feb 03 j 01:53	18°♐18'42	
inferior conj	-9464 Feb 12 j 02:36	14°♐19'22	1°47'38
minimum elong	-9464 Feb 12 j 07:01	14°♐13'04	1°45'44
min. Earth dist.	-9464 Feb 12 j 19:56	13°♐54'38	0.55436 AU
desc. node	-9464 Feb 19 j 01:34	10°♐49'55	
morning rise	-9464 Feb 21 j 11:32	10°♐07'47	
direct	-9464 Feb 24 j 10:22	9°♐48'37	
morning max el	-9464 Mar 08 j 05:52	16°♐01'23	22°16'48
	-9464 Mar 19 j 00:47	0°♑	
morning set	-9464 Mar 29 j 17:55	20°♑09'20	
asc. node	-9464 Mar 31 j 15:19	24°♑06'50	
	-9464 Apr 03 j 10:03	0°♒	
superior conj	-9464 Apr 06 j 00:48	5°♒31'36	0°50'37
minimum elong	-9464 Apr 05 j 22:42	5°♒20'32	0°49'44
max. Earth dist.	-9464 Apr 09 j 01:30	11°♒49'57	1.34465 AU
evening rise	-9464 Apr 14 j 01:06	21°♒49'01	
	-9464 Apr 18 j 08:55	0°♓	
	-9464 May 07 j 01:26	0°♈	
desc. node	-9464 May 16 j 23:56	12°♈07'54	
evening max el	-9464 May 18 j 17:03	13°♈52'00	27°10'26
retrograde	-9464 Jun 01 j 02:06	21°♈21'23	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9464 Jun 07 j 23:51	18°♈34'41	
min. Earth dist.	-9464 Jun 11 j 18:02	14°♈53'37	0.64762 AU
inferior conj	-9464 Jun 13 j 21:07	12°♈28'26	-3°23'45
minimum elong	-9464 Jun 13 j 23:25	12°♈21'53	3°23'19
morning rise	-9464 Jun 19 j 23:25	6°♈56'17	
direct	-9464 Jun 22 j 21:48	6°♈09'56	
asc. node	-9464 Jun 27 j 15:50	8°♈06'06	
morning max el	-9464 Jun 29 j 10:32	9°♈41'58	18°19'08
	-9464 Jul 13 j 07:57	0°♉	
morning set	-9464 Jul 18 j 06:57	8°♉16'23	
	-9464 Jul 31 j 13:14	0°♊	
superior conj	-9464 Aug 01 j 10:57	1°♊27'05	1°05'16
minimum elong	-9464 Aug 01 j 17:24	1°♊52'55	1°05'04
max. Earth dist.	-9464 Aug 04 j 20:06	6°♊50'35	1.44385 AU
desc. node	-9464 Aug 12 j 21:17	19°♊32'00	
evening rise	-9464 Aug 18 j 02:42	27°♊42'15	
	-9464 Aug 19 j 14:02	0°♋	
greatest brilliancy	-9464 Aug 29 j 15:08	15°♋30'47	-0.7m
	-9464 Sep 08 j 20:23	0°♌	
evening max el	-9464 Sep 11 j 17:40	3°♌17'39	19°40'24
retrograde	-9464 Sep 19 j 01:47	7°♌32'16	
evening set	-9464 Sep 22 j 11:53	6°♌24'11	
asc. node	-9464 Sep 23 j 15:44	5°♌30'42	
inferior conj	-9464 Sep 28 j 02:05	0°♌26'40	1°25'07
minimum elong	-9464 Sep 28 j 00:09	0°♌32'57	1°24'55
	-9464 Sep 28 j 10:17	30°℞♋	
min. Earth dist.	-9464 Sep 29 j 04:23	29°♋01'13	0.66137 AU
morning rise	-9464 Oct 03 j 12:10	24°♋10'18	
direct	-9464 Oct 09 j 11:05	21°♋37'10	
morning max el	-9464 Oct 21 j 15:40	28°♋47'50	25°40'12
	-9464 Oct 22 j 19:49	0°♌	
desc. node	-9464 Nov 08 j 21:17	22°♌07'13	
	-9464 Nov 14 j 00:58	0°♍	
morning set	-9464 Nov 26 j 18:49	21°♍35'54	
max. Earth dist.	-9464 Nov 30 j 16:57	28°♍53'39	1.36369 AU
	-9464 Dec 01 j 06:53	0°♎	
superior conj	-9464 Dec 06 j 06:48	9°♎47'18	-1°39'50
minimum elong	-9464 Dec 06 j 08:11	9°♎54'15	1°39'48
evening rise	-9464 Dec 14 j 05:20	25°♎56'09	
	-9464 Dec 16 j 05:49	0°♏	
asc. node	-9464 Dec 20 j 13:48	8°♏18'14	
evening max el	-9463 Jan 01 j 03:38	24°♏45'36	19°57'38
retrograde	-9463 Jan 11 j 02:55	29°♏27'06	
evening set	-9463 Jan 13 j 15:38	29°♏10'20	
inferior conj	-9463 Jan 22 j 04:42	25°♏07'56	3°14'33
minimum elong	-9463 Jan 22 j 10:13	24°♏59'22	3°12'55
min. Earth dist.	-9463 Jan 24 j 09:34	23°♏46'16	0.56162 AU
morning rise	-9463 Jan 31 j 02:48	20°♏33'01	
direct	-9463 Feb 04 j 05:09	19°♏55'44	
desc. node	-9463 Feb 04 j 22:29	19°♏56'56	
morning max el	-9463 Feb 17 j 23:13	26°♏47'22	23°53'51
	-9463 Feb 21 j 01:00	0°♐	
	-9463 Mar 11 j 17:25	0°♑	
morning set	-9463 Mar 14 j 06:06	5°♑12'32	
asc. node	-9463 Mar 18 j 12:21	14°♑17'13	
superior conj	-9463 Mar 21 j 07:49	20°♑20'28	0°27'24
minimum elong	-9463 Mar 21 j 06:40	20°♑14'14	0°26'36
max. Earth dist.	-9463 Mar 23 j 05:29	24°♑24'28	1.33560 AU
	-9463 Mar 25 j 21:19	0°♒	
evening rise	-9463 Mar 28 j 20:44	6°♒04'39	
	-9463 Apr 10 j 23:40	0°♓	
evening max el	-9463 May 01 j 02:52	26°♓48'40	27°26'22
desc. node	-9463 May 03 j 21:16	29°♓18'16	
	-9463 May 04 j 17:58	0°♈	
retrograde	-9463 May 14 j 21:19	4°♈20'36	
evening set	-9463 May 21 j 21:44	1°♈46'37	
	-9463 May 24 j 01:37	30°℞♓	
min. Earth dist.	-9463 May 25 j 12:47	28°♓36'21	0.63194 AU
inferior conj	-9463 May 28 j 06:17	25°♓48'45	-3°40'28
minimum elong	-9463 May 28 j 07:26	25°♓45'50	3°40'30
morning rise	-9463 Jun 03 j 18:08	20°♓34'38	
direct	-9463 Jun 06 j 11:53	19°♓58'03	
morning max el	-9463 Jun 13 j 00:35	23°♓21'08	18°02'14
asc. node	-9463 Jun 14 j 12:42	24°♓58'22	
	-9463 Jun 18 j 07:11	0°♈	
morning set	-9463 Jun 30 j 03:15	19°♈50'53	
	-9463 Jul 05 j 23:40	0°♉	
superior conj	-9463 Jul 12 j 09:35	10°♉49'53	1°34'50
minimum elong	-9463 Jul 12 j 14:42	11°♉11'09	1°34'47
max. Earth dist.	-9463 Jul 18 j 09:59	20°♉40'46	1.43471 AU
	-9463 Jul 24 j 06:21	0°♊	
evening rise	-9463 Jul 28 j 05:07	6°♊10'37	
desc. node	-9463 Jul 30 j 18:30	10°♊08'03	
	-9463 Aug 12 j 23:29	0°♋	
evening max el	-9463 Aug 25 j 19:45	16°♋43'21	20°42'34
retrograde	-9463 Sep 02 j 22:38	21°♋29'38	
evening set	-9463 Sep 06 j 19:31	20°♋03'56	
asc. node	-9463 Sep 10 j 12:51	16°♋10'49	
inferior conj	-9463 Sep 12 j 05:01	13°♋57'31	0°32'45
minimum elong	-9463 Sep 12 j 04:16	14°♋00'04	0°33'01
min. Earth dist.	-9463 Sep 12 j 20:17	13°♋05'48	0.66799 AU
morning rise	-9463 Sep 17 j 12:49	7°♋38'16	
direct	-9463 Sep 22 j 21:02	5°♋21'45	
morning max el	-9463 Oct 04 j 01:10	12°♋02'33	24°21'01
	-9463 Oct 18 j 11:34	0°♌	
desc. node	-9463 Oct 26 j 18:03	12°♌09'21	
	-9463 Nov 06 j 19:40	0°♍	
morning set	-9463 Nov 08 j 16:50	3°♍13'30	
max. Earth dist.	-9463 Nov 12 j 15:52	10°♍12'26	1.38234 AU
superior conj	-9463 Nov 19 j 14:15	23°♍05'19	-1°43'36
minimum elong	-9463 Nov 19 j 14:03	23°♍04'22	1°43'28
	-9463 Nov 23 j 03:43	0°♎	
evening rise	-9463 Nov 28 j 05:26	10°♎00'52	
asc. node	-9463 Dec 07 j 11:06	27°♎06'30	
	-9463 Dec 09 j 07:28	0°♏	
evening max el	-9463 Dec 14 j 22:42	6°♏57'48	19°01'14
retrograde	-9463 Dec 23 j 11:43	11°♏02'52	
evening set	-9463 Dec 25 j 23:40	10°♏43'24	
inferior conj	-9462 Jan 02 j 22:43	6°♏26'07	4°03'06
minimum elong	-9462 Jan 03 j 01:36	6°♏21'00	4°02'32
min. Earth dist.	-9462 Jan 06 j 00:21	4°♏16'42	0.57579 AU
morning rise	-9462 Jan 11 j 01:17	1°♏25'26	
direct	-9462 Jan 16 j 11:49	0°♏15'24	
desc. node	-9462 Jan 22 j 19:23	1°♏48'28	
morning max el	-9462 Jan 30 j 14:07	7°♏29'19	25°27'05
	-9462 Feb 16 j 04:59	0°♐	
morning set	-9462 Feb 26 j 18:29	20°♐17'42	
	-9462 Mar 03 j 07:13	0°♑	
asc. node	-9462 Mar 05 j 09:23	4°♑32'56	
superior conj	-9462 Mar 05 j 18:05	5°♑20'12	0°03'36
minimum elong	-9462 Mar 05 j 17:57	5°♑19'30	0°03'00
behind sun begin	-9462 Mar 05 j 12:59	4°♑52'31	
behind sun end	-9462 Mar 05 j 22:54	5°♑46'28	
max. Earth dist.	-9462 Mar 06 j 15:53	7°♑18'37	1.32997 AU
evening rise	-9462 Mar 12 j 23:41	20°♑43'12	
	-9462 Mar 17 j 15:58	0°♒	
	-9462 Apr 05 j 06:39	0°♓	
evening max el	-9462 Apr 13 j 09:20	9°♓14'26	27°10'16

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9462 Apr 20 j 18:36	14°♓52'01	
retrograde	-9462 Apr 27 j 09:49	16°♓43'29	
evening set	-9462 May 04 j 03:41	14°♓35'59	
min. Earth dist.	-9462 May 07 j 22:25	11°♓44'10	0.61318 AU
inferior conj	-9462 May 11 j 03:17	8°♓50'35	-3°40'55
minimum elong	-9462 May 11 j 02:29	8°♓52'24	3°41'10
morning rise	-9462 May 18 j 03:08	3°♓56'08	
direct	-9462 May 20 j 17:08	3°♓27'48	
morning max el	-9462 May 27 j 14:06	6°♓52'56	18°03'50
asc. node	-9462 Jun 01 j 09:33	12°♓48'03	
	-9462 Jun 11 j 12:06	0°♈	
morning set	-9462 Jun 12 j 19:40	2°♈24'11	
superior conj	-9462 Jun 23 j 11:29	21°♈33'39	1°48'24
minimum elong	-9462 Jun 23 j 13:08	21°♈40'50	1°48'30
	-9462 Jun 28 j 09:33	0°♉	
max. Earth dist.	-9462 Jun 30 j 18:19	3°♉57'21	1.42016 AU
evening rise	-9462 Jul 07 j 10:47	14°♉48'58	
	-9462 Jul 17 j 06:16	0°♊	
desc. node	-9462 Jul 17 j 15:47	0°♊35'49	
evening max el	-9462 Aug 08 j 15:06	0°♋06'06	21°56'24
	-9462 Aug 08 j 12:42	0°♋	
retrograde	-9462 Aug 17 j 18:11	5°♋30'29	
evening set	-9462 Aug 22 j 03:54	3°♋44'47	
	-9462 Aug 25 j 14:58	30°℞♊	
inferior conj	-9462 Aug 27 j 10:32	27°♊32'34	-0°19'02
minimum elong	-9462 Aug 27 j 10:57	27°♊31'11	0°18'19
min. Earth dist.	-9462 Aug 27 j 15:26	27°♊15'42	0.67172 AU
asc. node	-9462 Aug 28 j 09:55	26°♊12'11	
morning rise	-9462 Sep 01 j 17:50	21°♊14'08	
direct	-9462 Sep 06 j 11:46	19°♊16'39	
morning max el	-9462 Sep 16 j 12:00	25°♊17'34	22°56'22
	-9462 Sep 20 j 17:04	0°♋	
	-9462 Oct 12 j 00:42	0°♌	
desc. node	-9462 Oct 13 j 14:52	2°♌28'13	
morning set	-9462 Oct 20 j 12:53	13°♌33'17	
max. Earth dist.	-9462 Oct 25 j 13:47	22°♌00'08	1.40239 AU
	-9462 Oct 30 j 03:52	0°♍	
superior conj	-9462 Nov 02 j 05:45	5°♍32'15	-1°38'04
minimum elong	-9462 Nov 02 j 03:17	5°♍21'04	1°37'38
evening rise	-9462 Nov 11 j 21:03	23°♍36'12	
	-9462 Nov 15 j 06:21	0°♎	
asc. node	-9462 Nov 24 j 08:24	15°♎13'32	
evening max el	-9462 Nov 28 j 02:29	19°♎39'45	18°24'57
retrograde	-9462 Dec 05 j 14:24	23°♎22'03	
evening set	-9462 Dec 08 j 02:52	22°♎58'13	
inferior conj	-9462 Dec 15 j 12:17	18°♎20'08	4°14'56
minimum elong	-9462 Dec 15 j 11:43	18°♎21'17	4°14'48
min. Earth dist.	-9462 Dec 18 j 18:37	15°♎41'09	0.59385 AU
morning rise	-9462 Dec 22 j 18:51	12°♎58'19	
direct	-9462 Dec 29 j 06:25	11°♎09'27	
desc. node	-9461 Jan 09 j 16:11	16°♎10'13	
morning max el	-9461 Jan 12 j 08:31	18°♎33'43	26°41'44
	-9461 Jan 22 j 00:43	0°♏	
	-9461 Feb 08 j 15:11	0°♐	
morning set	-9461 Feb 11 j 05:20	5°♐18'28	
superior conj	-9461 Feb 18 j 05:49	20°♐24'32	-0°19'57
minimum elong	-9461 Feb 18 j 06:40	20°♐29'11	0°20'20
max. Earth dist.	-9461 Feb 18 j 05:23	20°♐22'06	1.32763 AU
asc. node	-9461 Feb 20 j 06:30	24°♐50'06	
	-9461 Feb 22 j 15:51	0°♑	
evening rise	-9461 Feb 25 j 07:26	5°♑36'07	
	-9461 Mar 10 j 09:20	0°♒	
evening max el	-9461 Mar 26 j 10:41	21°♒03'00	26°21'55
desc. node	-9461 Apr 07 j 15:51	28°♒14'48	

retrograde	-9461 Apr 09 j 13:43	28°♒23'55	
evening set	-9461 Apr 15 j 14:39	26°♒51'48	
min. Earth dist.	-9461 Apr 19 j 23:58	24°♒03'25	0.59319 AU
inferior conj	-9461 Apr 23 j 08:29	21°♒25'35	-3°18'38
minimum elong	-9461 Apr 23 j 05:26	21°♒31'37	3°18'37
morning rise	-9461 Apr 30 j 22:55	16°♒51'17	
direct	-9461 May 03 j 09:32	16°♒29'52	
morning max el	-9461 May 11 j 00:16	20°♒09'37	18°24'37
	-9461 May 18 j 10:32	0°♓	
asc. node	-9461 May 19 j 06:23	1°♓22'14	
morning set	-9461 May 27 j 03:23	15°♓44'57	
	-9461 Jun 03 j 16:07	0°♈	
superior conj	-9461 Jun 05 j 14:00	3°♈31'56	1°48'38
minimum elong	-9461 Jun 05 j 12:49	3°♈26'31	1°48'34
max. Earth dist.	-9461 Jun 12 j 21:24	16°♈33'15	1.40223 AU
evening rise	-9461 Jun 17 j 14:34	24°♈32'17	
	-9461 Jun 20 j 22:37	0°♉	
desc. node	-9461 Jul 04 j 13:08	20°♉50'41	
	-9461 Jul 11 j 01:43	0°♊	
evening max el	-9461 Jul 22 j 04:44	13°♊27'41	23°17'12
retrograde	-9461 Aug 01 j 11:03	19°♊32'34	
evening set	-9461 Aug 06 j 11:12	17°♊25'44	
inferior conj	-9461 Aug 11 j 16:53	11°♊10'30	-1°08'37
minimum elong	-9461 Aug 11 j 18:18	11°♊05'35	1°07'34
min. Earth dist.	-9461 Aug 11 j 11:19	11°♊29'38	0.67254 AU
asc. node	-9461 Aug 15 j 06:55	6°♊36'19	
morning rise	-9461 Aug 17 j 01:19	4°♊56'32	
direct	-9461 Aug 21 j 06:17	3°♊18'10	
morning max el	-9461 Aug 30 j 03:09	8°♊36'01	21°34'25
	-9461 Sep 15 j 09:52	0°♋	
morning set	-9461 Sep 30 j 06:31	22°♋37'54	
desc. node	-9461 Sep 30 j 11:42	22°♋58'23	
	-9461 Oct 04 j 21:06	0°♌	
max. Earth dist.	-9461 Oct 07 j 17:09	4°♌37'54	1.42113 AU
superior conj	-9461 Oct 14 j 23:33	16°♌52'52	-1°20'29
minimum elong	-9461 Oct 14 j 18:57	16°♌33'01	1°19'37
	-9461 Oct 22 j 09:49	0°♍	
evening rise	-9461 Oct 26 j 00:43	6°♍33'46	
	-9461 Nov 09 j 02:56	0°♎	
asc. node	-9461 Nov 11 j 05:41	2°♎26'04	
evening max el	-9461 Nov 11 j 12:13	2°♎42'39	18°08'36
retrograde	-9461 Nov 18 j 09:07	6°♎14'59	
evening set	-9461 Nov 20 j 22:56	5°♎45'31	
inferior conj	-9461 Nov 27 j 20:02	0°♎45'30	3°59'44
minimum elong	-9461 Nov 27 j 17:12	0°♎52'09	3°59'24
	-9461 Nov 28 j 15:20	30°℞♍	
min. Earth dist.	-9461 Nov 30 j 19:36	27°♍58'33	0.61273 AU
morning rise	-9461 Dec 04 j 10:18	25°♍06'22	
direct	-9461 Dec 11 j 10:29	22°♍45'00	
	-9461 Dec 25 j 02:52	0°♎	
morning max el	-9461 Dec 25 j 09:13	0°♎15'15	27°26'19
desc. node	-9461 Dec 27 j 12:56	2°♎26'45	
	-9460 Jan 15 j 22:45	0°♏	
morning set	-9460 Jan 26 j 12:40	20°♏06'22	
	-9460 Jan 31 j 05:11	0°♐	
max. Earth dist.	-9460 Feb 01 j 18:08	3°♐19'53	1.32855 AU
superior conj	-9460 Feb 02 j 17:19	5°♐25'56	-0°42'26
minimum elong	-9460 Feb 02 j 18:59	5°♐35'02	0°42'36
asc. node	-9460 Feb 07 j 03:38	15°♐03'34	
evening rise	-9460 Feb 09 j 17:50	20°♐34'27	
	-9460 Feb 14 j 09:24	0°♑	
	-9460 Mar 05 j 01:02	0°♒	
evening max el	-9460 Mar 07 j 06:27	2°♒15'13	25°06'46
retrograde	-9460 Mar 21 j 06:40	9°♒21'07	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9460 Mar 24 j 13:02	8°♒56'10	
evening set	-9460 Mar 26 j 06:14	8°♒23'41	
min. Earth dist.	-9460 Mar 31 j 19:27	5°♒25'06	0.57456 AU
inferior conj	-9460 Apr 03 j 18:38	3°♒24'26	-2°26'25
minimum elong	-9460 Apr 03 j 14:23	3°♒31'42	2°25'53
	-9460 Apr 09 j 12:55	30°℞♉	
morning rise	-9460 Apr 12 j 01:43	29°♉09'01	
direct	-9460 Apr 14 j 09:09	28°♉53'04	
	-9460 Apr 18 j 23:06	0°♒	
morning max el	-9460 Apr 23 j 04:12	3°♒01'43	19°05'14
asc. node	-9460 May 05 j 03:14	20°♒30'12	
morning set	-9460 May 09 j 22:16	29°♒42'44	
	-9460 May 10 j 01:47	0°♓	
superior conj	-9460 May 18 j 11:34	16°♓29'55	1°39'13
minimum elong	-9460 May 18 j 08:56	16°♓17'15	1°38'50
max. Earth dist.	-9460 May 24 j 22:07	28°♓32'34	1.38334 AU
	-9460 May 25 j 17:28	0°♈	
evening rise	-9460 May 28 j 21:39	5°♈37'26	
	-9460 Jun 12 j 22:59	0°♉	
desc. node	-9460 Jun 20 j 10:30	10°♉46'27	
evening max el	-9460 Jul 03 j 15:06	26°♉50'21	24°38'16
	-9460 Jul 07 j 03:00	0°♊	
retrograde	-9460 Jul 15 j 00:19	3°♊32'20	
evening set	-9460 Jul 20 j 15:31	1°♊05'44	
	-9460 Jul 21 j 18:43	30°℞♉	
min. Earth dist.	-9460 Jul 25 j 05:35	25°♉46'03	0.67020 AU
inferior conj	-9460 Jul 25 j 22:18	24°♉49'55	-1°54'30
minimum elong	-9460 Jul 26 j 00:31	24°♉42'27	1°53'19
morning rise	-9460 Jul 31 j 09:30	18°♉43'49	
asc. node	-9460 Aug 01 j 03:51	18°♉14'02	
direct	-9460 Aug 04 j 03:16	17°♉23'06	
morning max el	-9460 Aug 12 j 00:44	22°♉01'28	20°21'25
	-9460 Aug 18 j 13:37	0°♊	
	-9460 Sep 07 j 16:34	0°♋	
morning set	-9460 Sep 08 j 08:53	1°♋03'19	
desc. node	-9460 Sep 16 j 08:39	13°♋36'05	
max. Earth dist.	-9460 Sep 19 j 03:30	18°♋03'07	1.43578 AU
superior conj	-9460 Sep 24 j 14:29	26°♋54'57	-0°48'59
minimum elong	-9460 Sep 24 j 09:52	26°♋35'57	0°47'54
	-9460 Sep 26 j 11:20	0°♌	
evening rise	-9460 Oct 07 j 12:00	18°♌44'04	
	-9460 Oct 14 j 00:50	0°♍	
evening max el	-9460 Oct 25 j 01:04	15°♍59'43	18°11'28
asc. node	-9460 Oct 28 j 02:55	18°♍29'17	
retrograde	-9460 Oct 31 j 15:49	19°♍32'42	
evening set	-9460 Nov 03 j 08:28	18°♍55'59	
inferior conj	-9460 Nov 09 j 18:48	13°♍35'56	3°27'03
minimum elong	-9460 Nov 09 j 15:10	13°♍45'34	3°26'27
min. Earth dist.	-9460 Nov 12 j 06:16	10°♍59'15	0.63011 AU
morning rise	-9460 Nov 15 j 21:03	7°♍42'16	
direct	-9460 Nov 22 j 22:31	5°♍01'17	
morning max el	-9460 Dec 06 j 15:39	12°♍35'47	27°35'46
desc. node	-9460 Dec 13 j 09:39	20°♍06'39	
	-9460 Dec 20 j 16:52	0°♎	
	-9459 Jan 07 j 06:55	0°♏	
morning set	-9459 Jan 09 j 14:10	4°♏33'29	
max. Earth dist.	-9459 Jan 15 j 02:20	15°♏58'37	1.33302 AU
superior conj	-9459 Jan 17 j 02:53	20°♏18'25	-1°03'02
minimum elong	-9459 Jan 17 j 05:06	20°♏30'21	1°03'05
	-9459 Jan 21 j 14:44	0°♐	
evening rise	-9459 Jan 24 j 05:09	5°♐31'44	
asc. node	-9459 Jan 24 j 00:49	5°♐08'55	
	-9459 Feb 06 j 11:13	0°♑	
evening max el	-9459 Feb 16 j 23:20	13°♑06'07	23°35'51
retrograde	-9459 Mar 02 j 11:29	19°♑44'56	
evening set	-9459 Mar 06 j 07:31	19°♑12'33	
desc. node	-9459 Mar 11 j 10:09	17°♑02'37	
min. Earth dist.	-9459 Mar 13 j 11:37	15°♑51'50	0.56050 AU
inferior conj	-9459 Mar 15 j 09:05	14°♑43'24	-1°01'16
minimum elong	-9459 Mar 15 j 06:35	14°♑47'11	1°01'03
morning rise	-9459 Mar 24 j 08:18	10°♑40'39	
direct	-9459 Mar 26 j 14:21	10°♑27'48	
morning max el	-9459 Apr 05 j 23:10	15°♑20'09	20°05'43
	-9459 Apr 16 j 15:33	0°♒	
asc. node	-9459 Apr 22 j 00:06	10°♒03'37	
morning set	-9459 Apr 24 j 01:02	14°♒08'23	
superior conj	-9459 May 01 j 23:03	0°♓13'01	1°23'20
minimum elong	-9459 May 01 j 20:06	29°♒58'13	1°22'38
	-9459 May 01 j 20:27	0°♓	
max. Earth dist.	-9459 May 07 j 01:56	10°♓15'00	1.36584 AU
evening rise	-9459 May 11 j 04:31	17°♓55'55	
	-9459 May 18 j 01:19	0°♈	
desc. node	-9459 Jun 07 j 07:54	0°♉14'31	
	-9459 Jun 07 j 03:22	0°♉	
evening max el	-9459 Jun 16 j 00:52	10°♉14'10	25°51'29
retrograde	-9459 Jun 28 j 09:20	17°♉24'06	
evening set	-9459 Jul 04 j 14:45	14°♉42'26	
min. Earth dist.	-9459 Jul 08 j 19:52	10°♉01'31	0.66440 AU
inferior conj	-9459 Jul 10 j 00:57	8°♉28'19	-2°35'09
minimum elong	-9459 Jul 10 j 03:37	8°♉19'46	2°34'06
morning rise	-9459 Jul 15 j 16:34	2°♉33'08	
direct	-9459 Jul 19 j 01:12	1°♉27'46	
asc. node	-9459 Jul 19 j 00:44	1°♉27'46	
morning max el	-9459 Jul 26 j 04:56	5°♉33'51	19°21'21
	-9459 Aug 12 j 11:02	0°♊	
morning set	-9459 Aug 18 j 16:14	9°♊45'30	
	-9459 Aug 31 j 12:43	0°♋	
max. Earth dist.	-9459 Sep 01 j 18:30	1°♋57'49	1.44441 AU
desc. node	-9459 Sep 03 j 05:39	4°♋17'13	
superior conj	-9459 Sep 04 j 02:58	5°♋41'56	-0°05'26
minimum elong	-9459 Sep 04 j 02:22	5°♋39'32	0°04'47
behind sun begin	-9459 Sep 03 j 15:32	4°♋56'28	
behind sun end	-9459 Sep 04 j 13:12	6°♋22'38	
evening rise	-9459 Sep 19 j 01:25	29°♋53'20	
	-9459 Sep 19 j 03:02	0°♌	
evening max el	-9459 Oct 08 j 14:08	29°♌24'44	18°32'44
	-9459 Oct 09 j 04:20	0°♍	
retrograde	-9459 Oct 15 j 06:18	3°♍07'18	
asc. node	-9459 Oct 15 j 00:08	3°♍06'56	
evening set	-9459 Oct 18 j 03:52	2°♍20'53	
	-9459 Oct 21 j 05:22	30°℞♌	
inferior conj	-9459 Oct 24 j 05:05	26°♌43'56	2°43'52
minimum elong	-9459 Oct 24 j 01:41	26°♌53'50	2°43'12
min. Earth dist.	-9459 Oct 26 j 03:09	24°♌29'50	0.64475 AU
morning rise	-9459 Oct 29 j 22:55	20°♌38'46	
direct	-9459 Nov 05 j 17:38	17°♌52'00	
morning max el	-9459 Nov 19 j 01:10	25°♌25'49	27°11'33
	-9459 Nov 23 j 07:36	0°♍	
desc. node	-9459 Nov 30 j 06:21	8°♍45'32	
	-9459 Dec 14 j 03:10	0°♎	
morning set	-9459 Dec 24 j 06:58	18°♎30'21	
max. Earth dist.	-9459 Dec 29 j 02:11	28°♎07'11	1.34149 AU
	-9459 Dec 30 j 00:03	0°♏	
superior conj	-9458 Jan 01 j 08:40	4°♏55'52	-1°20'46
minimum elong	-9458 Jan 01 j 11:01	5°♏08'17	1°20'46
evening rise	-9458 Jan 08 j 15:46	20°♏22'14	
asc. node	-9458 Jan 10 j 22:03	25°♏01'26	
	-9458 Jan 13 j 10:21	0°♐	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9458 Jan 29 j 18:57	24°♐01'11	22°02'46
retrograde	-9458 Feb 11 j 05:28	29°♐57'44	
evening set	-9458 Feb 14 j 05:01	29°♐38'02	
inferior conj	-9458 Feb 23 j 09:12	25°♐32'19	0°46'03
minimum elong	-9458 Feb 23 j 11:13	25°♐29'27	0°44'49
min. Earth dist.	-9458 Feb 23 j 02:36	25°♐41'42	0.55395 AU
desc. node	-9458 Feb 26 j 07:11	23°♐55'19	
morning rise	-9458 Mar 04 j 18:02	21°♐28'21	
direct	-9458 Mar 07 j 06:30	21°♐13'56	
morning max el	-9458 Mar 19 j 07:17	26°♐58'53	21°24'42
	-9458 Mar 22 j 04:14	0°♑	
morning set	-9458 Apr 08 j 09:09	28°♑54'39	
asc. node	-9458 Apr 08 j 21:03	29°♑56'03	
	-9458 Apr 08 j 21:49	0°♒	
superior conj	-9458 Apr 15 j 20:30	14°♒29'37	1°03'20
minimum elong	-9458 Apr 15 j 17:57	14°♒16'27	1°02'29
max. Earth dist.	-9458 Apr 19 j 14:25	22°♒08'32	1.35133 AU
	-9458 Apr 23 j 14:24	0°♓	
evening rise	-9458 Apr 24 j 05:34	1°♓12'29	
	-9458 May 11 j 01:31	0°♈	
desc. node	-9458 May 25 j 05:17	19°♈03'34	
evening max el	-9458 May 29 j 11:33	23°♈36'10	26°48'19
	-9458 Jun 07 j 02:56	0°♉	
retrograde	-9458 Jun 11 j 13:35	1°♉02'03	
	-9458 Jun 15 j 16:18	30°℞♈	
evening set	-9458 Jun 18 j 06:33	28°♈13'57	
min. Earth dist.	-9458 Jun 22 j 04:07	24°♈11'44	0.65486 AU
inferior conj	-9458 Jun 23 j 22:52	22°♈03'51	-3°08'40
minimum elong	-9458 Jun 24 j 01:29	21°♈56'01	3°07'58
morning rise	-9458 Jun 29 j 20:41	16°♈22'23	
direct	-9458 Jul 02 j 22:13	15°♈29'49	
asc. node	-9458 Jul 05 j 21:37	16°♈17'27	
morning max el	-9458 Jul 09 j 14:35	19°♈11'58	18°36'53
	-9458 Jul 17 j 17:54	0°♉	
morning set	-9458 Jul 29 j 20:58	19°♉28'30	
	-9458 Aug 05 j 09:06	0°♊	
superior conj	-9458 Aug 14 j 02:33	13°♊54'50	0°41'33
minimum elong	-9458 Aug 14 j 07:29	14°♊14'23	0°41'30
max. Earth dist.	-9458 Aug 15 j 11:10	16°♊03'53	1.44612 AU
desc. node	-9458 Aug 21 j 02:44	24°♊58'57	
	-9458 Aug 24 j 07:03	0°♋	
evening rise	-9458 Aug 30 j 12:31	9°♋50'41	
	-9458 Sep 12 j 09:03	0°♌	
evening max el	-9458 Sep 22 j 00:46	12°♌53'09	19°11'11
retrograde	-9458 Sep 29 j 01:12	16°♌53'35	
asc. node	-9458 Oct 01 j 21:20	16°♌07'02	
evening set	-9458 Oct 02 j 06:02	15°♌54'26	
inferior conj	-9458 Oct 07 j 23:46	10°♌03'44	1°54'47
minimum elong	-9458 Oct 07 j 21:13	10°♌11'46	1°54'21
min. Earth dist.	-9458 Oct 09 j 09:02	8°♌19'16	0.65625 AU
morning rise	-9458 Oct 13 j 12:02	3°♌50'30	
direct	-9458 Oct 19 j 19:05	1°♌09'39	
morning max el	-9458 Nov 01 j 11:08	8°♌32'27	26°19'27
desc. node	-9458 Nov 17 j 03:03	28°♌06'01	
	-9458 Nov 18 j 10:18	0°♍	
	-9458 Dec 06 j 12:40	0°♎	
morning set	-9458 Dec 07 j 11:11	1°♎44'37	
max. Earth dist.	-9458 Dec 11 j 15:00	9°♎42'29	1.35436 AU
superior conj	-9458 Dec 16 j 08:19	19°♎10'23	-1°34'27
minimum elong	-9458 Dec 16 j 10:16	19°♎20'19	1°34'26
	-9458 Dec 21 j 13:55	0°♏	
evening rise	-9458 Dec 23 j 23:55	4°♏59'55	
asc. node	-9458 Dec 28 j 19:19	14°♏35'01	
	-9457 Jan 07 j 04:52	0°♐	

evening max el	-9457 Jan 11 j 22:17	5°♐20'44	20°38'50
retrograde	-9457 Jan 22 j 19:42	10°♐27'47	
evening set	-9457 Jan 25 j 10:14	10°♐11'27	
inferior conj	-9457 Feb 03 j 06:39	6°♐13'11	2°28'36
minimum elong	-9457 Feb 03 j 12:06	6°♐05'12	2°26'37
min. Earth dist.	-9457 Feb 04 j 16:46	5°♐23'17	0.55639 AU
morning rise	-9457 Feb 12 j 12:28	1°♐52'20	
desc. node	-9457 Feb 13 j 04:11	1°♐43'39	
direct	-9457 Feb 15 j 21:45	1°♐27'08	
morning max el	-9457 Mar 01 j 04:49	7°♐59'14	22°57'38
	-9457 Mar 16 j 19:26	0°♑	
morning set	-9457 Mar 23 j 20:23	13°♑53'19	
asc. node	-9457 Mar 26 j 18:03	20°♑01'04	
superior conj	-9457 Mar 31 j 00:43	29°♑08'46	0°40'55
minimum elong	-9457 Mar 30 j 22:59	28°♑59'36	0°40'03
	-9457 Mar 31 j 10:22	0°♒	
max. Earth dist.	-9457 Apr 02 j 13:12	4°♒27'36	1.34035 AU
evening rise	-9457 Apr 07 j 19:35	15°♒10'19	
	-9457 Apr 15 j 18:02	0°♓	
	-9457 May 05 j 18:29	0°♈	
evening max el	-9457 May 11 j 22:27	6°♈46'08	27°21'01
desc. node	-9457 May 12 j 02:40	6°♈56'20	
retrograde	-9457 May 25 j 12:15	14°♈17'21	
evening set	-9457 Jun 01 j 11:54	11°♈34'41	
min. Earth dist.	-9457 Jun 05 j 04:17	8°♈07'32	0.64137 AU
inferior conj	-9457 Jun 07 j 13:31	5°♈31'25	-3°32'32
minimum elong	-9457 Jun 07 j 15:25	5°♈26'12	3°32'19
morning rise	-9457 Jun 13 j 19:34	0°♈06'22	
	-9457 Jun 14 j 01:01	30°℞♓	
direct	-9457 Jun 16 j 15:47	29°♓24'23	
	-9457 Jun 19 j 06:40	0°♈	
asc. node	-9457 Jun 22 j 18:30	2°♈29'19	
morning max el	-9457 Jun 23 j 03:38	2°♈51'37	18°09'39
	-9457 Jul 10 j 21:52	0°♉	
morning set	-9457 Jul 11 j 03:36	0°♉24'23	
superior conj	-9457 Jul 24 j 11:45	22°♉37'39	1°19'47
minimum elong	-9457 Jul 24 j 18:10	23°♉03'39	1°19'36
max. Earth dist.	-9457 Jul 29 j 03:05	0°♊05'40	1.44077 AU
	-9457 Jul 29 j 01:40	0°♊	
desc. node	-9457 Aug 07 j 23:55	15°♊38'14	
evening rise	-9457 Aug 09 j 23:11	18°♊41'54	
	-9457 Aug 17 j 07:13	0°♋	
greatest brilliancy	-9457 Aug 22 j 22:15	8°♋30'51	-0.6m
evening max el	-9457 Sep 05 j 06:36	26°♋21'22	20°05'16
	-9457 Sep 09 j 21:03	0°♌	
retrograde	-9457 Sep 12 j 21:51	0°♌48'06	
	-9457 Sep 15 j 19:04	30°℞♋	
evening set	-9457 Sep 16 j 12:19	29°♋32'54	
asc. node	-9457 Sep 18 j 18:29	27°♋31'47	
inferior conj	-9457 Sep 22 j 00:19	23°♋31'31	1°02'58
minimum elong	-9457 Sep 21 j 22:53	23°♋36'17	1°02'56
min. Earth dist.	-9457 Sep 22 j 21:52	22°♋20'07	0.66460 AU
morning rise	-9457 Sep 27 j 09:13	17°♋13'39	
direct	-9457 Oct 03 j 02:04	14°♋46'53	
morning max el	-9457 Oct 14 j 20:33	21°♋45'50	25°07'42
	-9457 Oct 22 j 01:48	0°♌	
desc. node	-9457 Nov 03 j 23:47	17°♌55'55	
	-9457 Nov 11 j 16:26	0°♍	
morning set	-9457 Nov 19 j 21:52	14°♍02'08	
max. Earth dist.	-9457 Nov 23 j 17:47	21°♍00'05	1.37131 AU
	-9457 Nov 28 j 11:27	0°♎	
superior conj	-9457 Nov 29 j 22:51	2°♎52'57	-1°42'25
minimum elong	-9457 Nov 29 j 23:39	2°♎56'57	1°42'22
evening rise	-9457 Dec 08 j 03:39	19°♎19'03	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9457 Dec 13 j 15:18	0°♏	
asc. node	-9457 Dec 15 j 16:37	3°♏42'36	
evening max el	-9457 Dec 25 j 11:40	17°♏14'07	19°31'14
retrograde	-9456 Jan 03 j 19:04	21°♏38'03	
evening set	-9456 Jan 06 j 07:28	21°♏20'15	
inferior conj	-9456 Jan 14 j 14:38	17°♏12'41	3°40'04
minimum elong	-9456 Jan 14 j 19:21	17°♏04'59	3°38'53
min. Earth dist.	-9456 Jan 17 j 06:29	15°♏29'07	0.56702 AU
morning rise	-9456 Jan 23 j 05:02	12°♏26'52	
direct	-9456 Jan 27 j 21:36	11°♏37'02	
desc. node	-9456 Jan 31 j 01:05	11°♏59'55	
morning max el	-9456 Feb 10 j 20:07	18°♏39'27	24°34'48
	-9456 Feb 20 j 05:51	0°♐	
morning set	-9456 Mar 07 j 08:51	28°♐58'04	
	-9456 Mar 07 j 20:38	0°♑	
asc. node	-9456 Mar 12 j 15:04	10°♑14'04	
superior conj	-9456 Mar 14 j 09:19	14°♑02'47	0°17'19
minimum elong	-9456 Mar 14 j 08:36	13°♑58'52	0°16'36
max. Earth dist.	-9456 Mar 15 j 20:30	17°♑12'23	1.33286 AU
evening rise	-9456 Mar 21 j 18:42	29°♑36'55	
	-9456 Mar 21 j 23:16	0°♒	
	-9456 Apr 07 j 21:02	0°♓	
evening max el	-9456 Apr 23 j 07:21	19°♓31'21	27°23'36
desc. node	-9456 Apr 28 j 00:02	23°♓29'31	
retrograde	-9456 May 07 j 04:28	27°♓01'37	
evening set	-9456 May 14 j 03:23	24°♓37'40	
min. Earth dist.	-9456 May 17 j 19:06	21°♓36'52	0.62428 AU
inferior conj	-9456 May 20 j 17:55	18°♓44'44	-3°43'01
minimum elong	-9456 May 20 j 18:19	18°♓43'45	3°43'12
morning rise	-9456 May 27 j 10:31	13°♓38'34	
direct	-9456 May 30 j 02:43	13°♓05'30	
morning max el	-9456 Jun 05 j 17:41	16°♓27'52	18°00'36
asc. node	-9456 Jun 08 j 15:21	19°♓47'25	
	-9456 Jun 15 j 07:23	0°♈	
morning set	-9456 Jun 22 j 09:05	12°♈25'33	
	-9456 Jul 02 j 09:37	0°♉	
superior conj	-9456 Jul 03 j 21:49	2°♉34'04	1°42'27
minimum elong	-9456 Jul 04 j 01:31	2°♉49'43	1°42'31
max. Earth dist.	-9456 Jul 10 j 15:23	13°♉45'30	1.42911 AU
evening rise	-9456 Jul 19 j 00:10	27°♉06'51	
	-9456 Jul 20 j 20:37	0°♊	
desc. node	-9456 Jul 24 j 21:10	6°♊11'29	
	-9456 Aug 10 j 05:00	0°♋	
evening max el	-9456 Aug 18 j 05:54	9°♋46'18	21°12'47
retrograde	-9456 Aug 26 j 18:17	14°♋47'39	
evening set	-9456 Aug 30 j 20:30	13°♋13'29	
asc. node	-9456 Sep 04 j 15:35	7°♋48'36	
inferior conj	-9456 Sep 05 j 04:34	7°♋04'18	0°10'37
minimum elong	-9456 Sep 05 j 04:19	7°♋05'10	0°11'05
transit middle	-9456 Sep 05 j 04:19	7°♋05'10	0°11'05
transit begin	-9456 Sep 05 j 02:19	7°♋12'00	
transit end	-9456 Sep 05 j 06:19	6°♋58'19	
min. Earth dist.	-9456 Sep 05 j 15:18	6°♋27'31	0.66996 AU
morning rise	-9456 Sep 10 j 11:59	0°♋45'15	
	-9456 Sep 11 j 11:22	30°℞♊	
direct	-9456 Sep 15 j 14:02	28°♊36'50	
	-9456 Sep 20 j 03:04	0°♋	
morning max el	-9456 Sep 26 j 06:19	5°♋00'47	23°45'13
	-9456 Oct 15 j 11:51	0°♌	
desc. node	-9456 Oct 20 j 20:31	8°♌05'58	
morning set	-9456 Oct 31 j 09:17	25°♌07'23	
	-9456 Nov 03 j 05:35	0°♍	
max. Earth dist.	-9456 Nov 04 j 15:50	2°♍29'37	1.39093 AU
superior conj	-9456 Nov 12 j 00:07	15°♍50'59	-1°42'34
minimum elong	-9456 Nov 11 j 23:02	15°♍45'50	1°42'19
	-9456 Nov 19 j 08:58	0°♎	
evening rise	-9456 Nov 21 j 00:30	3°♎12'20	
asc. node	-9456 Dec 01 j 13:55	22°♎14'39	
evening max el	-9456 Dec 07 j 10:37	29°♎39'17	18°43'13
	-9456 Dec 07 j 19:25	0°♏	
retrograde	-9456 Dec 15 j 11:41	3°♏33'13	
evening set	-9456 Dec 17 j 23:47	3°♏11'59	
	-9456 Dec 24 j 00:35	30°℞♎	
inferior conj	-9456 Dec 25 j 16:51	28°♎45'47	4°12'07
minimum elong	-9456 Dec 25 j 18:12	28°♎43'13	4°11'50
min. Earth dist.	-9456 Dec 28 j 22:02	26°♎21'33	0.58323 AU
morning rise	-9455 Jan 02 j 10:39	23°♎35'38	
direct	-9455 Jan 08 j 09:03	22°♎09'24	
desc. node	-9455 Jan 16 j 21:55	24°♎58'51	
morning max el	-9455 Jan 22 j 11:57	29°♎27'56	26°02'00
	-9455 Jan 23 j 01:07	0°♏	
	-9455 Feb 12 j 19:04	0°♐	
morning set	-9455 Feb 19 j 20:48	14°♐02'10	
superior conj	-9455 Feb 26 j 20:23	29°♐04'52	-0°06'30
minimum elong	-9455 Feb 26 j 20:41	29°♐06'31	0°07'00
behind sun begin	-9455 Feb 26 j 16:10	28°♐41'52	
behind sun end	-9455 Feb 27 j 01:12	29°♐31'09	
	-9455 Feb 27 j 06:30	0°♑	
max. Earth dist.	-9455 Feb 27 j 08:49	0°♑12'36	1.32860 AU
asc. node	-9455 Feb 27 j 12:08	0°♑30'44	
evening rise	-9455 Mar 05 j 23:56	14°♑22'14	
	-9455 Mar 14 j 00:56	0°♒	
	-9455 Apr 03 j 19:17	0°♓	
evening max el	-9455 Apr 05 j 11:42	1°♓41'13	26°53'24
desc. node	-9455 Apr 14 j 21:21	8°♓12'09	
retrograde	-9455 Apr 19 j 13:19	9°♓07'16	
evening set	-9455 Apr 26 j 01:32	7°♓13'55	
min. Earth dist.	-9455 Apr 30 j 00:48	4°♓25'47	0.60470 AU
inferior conj	-9455 May 03 j 08:37	1°♓36'04	-3°34'43
minimum elong	-9455 May 03 j 06:51	1°♓39'52	3°34'54
	-9455 May 05 j 06:47	30°℞♒	
morning rise	-9455 May 10 j 14:22	26°♒50'26	
direct	-9455 May 13 j 03:03	26°♒25'07	
	-9455 May 20 j 08:28	0°♓	
morning max el	-9455 May 20 j 06:09	29°♒54'24	18°10'23
asc. node	-9455 May 26 j 12:11	7°♓57'26	
morning set	-9455 Jun 05 j 08:33	25°♓20'28	
	-9455 Jun 07 j 20:37	0°♈	
superior conj	-9455 Jun 15 j 10:51	13°♈51'37	1°49'55
minimum elong	-9455 Jun 15 j 11:08	13°♈52'53	1°50'00
max. Earth dist.	-9455 Jun 22 j 21:39	26°♈46'38	1.41275 AU
	-9455 Jun 24 j 19:52	0°♉	
evening rise	-9455 Jun 28 j 13:39	6°♉08'00	
desc. node	-9455 Jul 11 j 18:31	26°♉34'47	
	-9455 Jul 14 j 02:22	0°♊	
evening max el	-9455 Jul 31 j 22:29	23°♊08'02	22°30'11
retrograde	-9455 Aug 10 j 12:54	28°♊49'56	
evening set	-9455 Aug 15 j 04:40	26°♊55'00	
inferior conj	-9455 Aug 20 j 10:38	20°♊40'59	-0°40'26
minimum elong	-9455 Aug 20 j 11:30	20°♊38'00	0°39'32
min. Earth dist.	-9455 Aug 20 j 11:02	20°♊39'37	0.67242 AU
asc. node	-9455 Aug 22 j 12:36	17°♊52'26	
morning rise	-9455 Aug 25 j 18:15	14°♊24'06	
direct	-9455 Aug 30 j 06:20	12°♊35'08	
morning max el	-9455 Sep 08 j 18:50	18°♊17'45	22°20'49
	-9455 Sep 18 j 09:23	0°♋	
desc. node	-9455 Oct 07 j 17:19	28°♋30'21	
	-9455 Oct 08 j 16:05	0°♌	
morning set	-9455 Oct 11 j 17:40	4°♌53'41	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9455 Oct 17 j 15:48	14°♌38'29	1.41073 AU	
	-9454 Oct 01 j 09:00	0°♌		
superior conj	-9455 Oct 25 j 07:04	27°♌51'11	-1°32'14	
minimum elong	-9455 Oct 25 j 03:36	27°♌35'45	1°31'37	
	-9455 Oct 26 j 11:53	0°♍		
evening rise	-9455 Nov 04 j 11:31	16°♍32'50		
	-9455 Nov 11 j 20:44	0°♎		
asc. node	-9455 Nov 18 j 11:11	10°♎00'04		
evening max el	-9455 Nov 20 j 17:10	12°♎30'30	18°15'29	
retrograde	-9455 Nov 27 j 21:45	16°♎07'30		
evening set	-9455 Nov 30 j 10:29	15°♎41'34		
inferior conj	-9455 Dec 07 j 14:29	10°♎54'00	4°11'09	
minimum elong	-9455 Dec 07 j 12:46	10°♎57'45	4°11'00	
min. Earth dist.	-9455 Dec 10 j 18:55	8°♎08'54	0.60194 AU	
morning rise	-9455 Dec 14 j 13:31	5°♎24'01		
direct	-9455 Dec 21 j 07:46	3°♎20'05		
desc. node	-9454 Jan 03 j 18:39	10°♎13'26		
morning max el	-9454 Jan 04 j 09:08	10°♎47'47	27°04'51	
	-9454 Jan 19 j 09:22	0°♏		
morning set	-9454 Feb 04 j 06:24	28°♏58'20		
	-9454 Feb 04 j 18:15	0°♐		
superior conj	-9454 Feb 11 j 08:12	14°♐08'30	-0°29'41	
minimum elong	-9454 Feb 11 j 09:25	14°♐15'11	0°29'58	
max. Earth dist.	-9454 Feb 10 j 22:23	13°♐14'52	1.32756 AU	
asc. node	-9454 Feb 14 j 09:14	20°♐46'37		
evening rise	-9454 Feb 18 j 09:00	29°♐17'50		
	-9454 Feb 18 j 17:05	0°♑		
	-9454 Mar 07 j 13:08	0°♒		
evening max el	-9454 Mar 18 j 10:16	13°♒12'16	25°52'39	
retrograde	-9454 Apr 01 j 13:10	20°♒28'54		
desc. node	-9454 Apr 01 j 18:35	20°♒28'47		
evening set	-9454 Apr 07 j 04:04	19°♒12'02		
min. Earth dist.	-9454 Apr 11 j 23:22	16°♒20'54	0.58483 AU	
inferior conj	-9454 Apr 15 j 05:58	13°♒56'06	-3°00'31	
minimum elong	-9454 Apr 15 j 02:10	14°♒03'11	3°00'16	
morning rise	-9454 Apr 23 j 03:22	9°♒30'38		
direct	-9454 Apr 25 j 12:28	9°♒11'53		
morning max el	-9454 May 03 j 14:06	13°♒02'06	18°39'32	
asc. node	-9454 May 13 j 09:00	26°♒46'54		
	-9454 May 15 j 03:55	0°♓		
morning set	-9454 May 19 j 21:26	8°♓57'40		
superior conj	-9454 May 28 j 22:09	26°♓17'08	1°45'38	
minimum elong	-9454 May 28 j 20:11	26°♓07'57	1°45'25	
	-9454 May 30 j 22:07	0°♈		
max. Earth dist.	-9454 Jun 04 j 22:37	9°♈03'07	1.39407 AU	
evening rise	-9454 Jun 09 j 05:02	16°♈25'31		
	-9454 Jun 17 j 12:29	0°♉		
desc. node	-9454 Jun 28 j 15:54	16°♉42'22		
	-9454 Jul 08 j 15:31	0°♊		
evening max el	-9454 Jul 14 j 10:11	6°♊28'54	23°52'06	
retrograde	-9454 Jul 25 j 04:30	12°♊51'11		
evening set	-9454 Jul 30 j 10:56	10°♊35'37		
inferior conj	-9454 Aug 04 j 16:48	4°♊19'34	-1°28'39	
minimum elong	-9454 Aug 04 j 18:36	4°♊13'25	1°27'30	
min. Earth dist.	-9454 Aug 04 j 06:36	4°♊54'26	0.67188 AU	
	-9454 Aug 08 j 02:27	30°℞♉		
asc. node	-9454 Aug 09 j 09:33	28°♉42'40		
morning rise	-9454 Aug 10 j 02:11	28°♉08'23		
direct	-9454 Aug 14 j 02:04	26°♉37'51		
	-9454 Aug 20 j 19:37	0°♊		
morning max el	-9454 Aug 22 j 12:35	1°♊38'49	21°01'58	
	-9454 Sep 12 j 06:29	0°♋		
morning set	-9454 Sep 21 j 02:42	13°♋35'30		
desc. node	-9454 Sep 24 j 14:14	19°♋04'15		
max. Earth dist.	-9454 Sep 29 j 21:39	27°♋35'42	1.42793 AU	
superior conj	-9454 Oct 06 j 13:55	8°♌39'29	-1°08'50	
minimum elong	-9454 Oct 06 j 08:54	8°♌18'18	1°07'50	
evening rise	-9454 Oct 18 j 08:50	29°♌11'48		
	-9454 Oct 18 j 19:39	0°♍		
evening max el	-9454 Nov 04 j 04:38	25°♍40'51	18°07'33	
asc. node	-9454 Nov 05 j 08:25	26°♍45'31		
retrograde	-9454 Nov 10 j 22:00	29°♍12'15		
evening set	-9454 Nov 13 j 12:44	28°♍40'03		
inferior conj	-9454 Nov 20 j 05:06	23°♍31'33	3°47'31	
minimum elong	-9454 Nov 20 j 01:46	23°♍39'49	3°47'04	
min. Earth dist.	-9454 Nov 23 j 00:03	20°♍46'41	0.62039 AU	
morning rise	-9454 Nov 26 j 13:44	17°♍45'49		
direct	-9454 Dec 03 j 15:46	15°♍13'56		
morning max el	-9454 Dec 17 j 12:31	22°♍47'08	27°34'35	
desc. node	-9454 Dec 21 j 15:22	27°♍09'20		
	-9454 Dec 24 j 00:39	0°♎		
	-9453 Jan 12 j 10:42	0°♏		
morning set	-9453 Jan 19 j 11:36	13°♏39'12		
max. Earth dist.	-9453 Jan 25 j 09:32	26°♏05'59	1.32995 AU	
superior conj	-9453 Jan 26 j 19:08	29°♏07'47	-0°51'27	
minimum elong	-9453 Jan 26 j 21:05	29°♏18'19	0°51'34	
	-9453 Jan 27 j 04:46	0°♐		
asc. node	-9453 Feb 01 j 06:23	10°♐57'39		
evening rise	-9453 Feb 02 j 20:02	14°♐17'06		
	-9453 Feb 10 j 19:46	0°♑		
evening max el	-9453 Feb 28 j 04:24	24°♑13'51	24°29'19	
	-9453 Mar 08 j 12:09	0°♒		
retrograde	-9453 Mar 14 j 01:25	1°♒10'12		
evening set	-9453 Mar 18 j 12:37	0°♒25'14		
desc. node	-9453 Mar 19 j 15:41	0°♒00'26		
	-9453 Mar 19 j 16:08	30°℞♑		
min. Earth dist.	-9453 Mar 24 j 17:34	27°♑18'22	0.56780 AU	
inferior conj	-9453 Mar 27 j 07:38	25°♑38'39	-1°54'09	
minimum elong	-9453 Mar 27 j 03:42	25°♑45'02	1°53'35	
morning rise	-9453 Apr 04 j 21:53	21°♑29'29		
direct	-9453 Apr 07 j 04:03	21°♑15'20		
morning max el	-9453 Apr 16 j 14:35	25°♑41'29	19°28'30	
	-9453 Apr 20 j 10:53	0°♒		
asc. node	-9453 Apr 30 j 05:53	16°♒06'50		
morning set	-9453 May 03 j 20:03	23°♒08'19		
	-9453 May 07 j 06:17	0°♓		
superior conj	-9453 May 12 j 02:13	9°♓35'51	1°33'07	
minimum elong	-9453 May 11 j 23:20	9°♓21'44	1°32'35	
max. Earth dist.	-9453 May 17 j 23:37	20°♓50'42	1.37564 AU	
evening rise	-9453 May 21 j 23:00	28°♓04'06		
	-9453 May 23 j 01:12	0°♈		
	-9453 Jun 10 j 21:28	0°♉		
desc. node	-9453 Jun 15 j 13:17	6°♉27'19		
evening max el	-9453 Jun 26 j 20:07	19°♉52'20	25°10'58	
retrograde	-9453 Jul 08 j 16:02	26°♉47'37		
evening set	-9453 Jul 14 j 13:21	24°♉14'07		
min. Earth dist.	-9453 Jul 18 j 23:34	19°♉10'25	0.66815 AU	
inferior conj	-9453 Jul 19 j 21:17	17°♉58'42	-2°12'31	
minimum elong	-9453 Jul 19 j 23:45	17°♉50'35	2°11'21	
morning rise	-9453 Jul 25 j 10:07	11°♉56'35		
asc. node	-9453 Jul 27 j 06:30	10°♉59'36		
direct	-9453 Jul 28 j 23:47	10°♉42'35		
morning max el	-9453 Aug 05 j 12:55	15°♉06'24	19°54'01	
	-9453 Aug 16 j 19:36	0°♊		
morning set	-9453 Aug 31 j 04:29	22°♊00'05		
	-9453 Sep 05 j 07:21	0°♋		
desc. node	-9453 Sep 11 j 11:12	9°♋43'36		
max. Earth dist.	-9453 Sep 12 j 09:56	11°♋14'03	1.44023 AU	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9453 Sep 16 j 16:58	18°♋07'28	-0°31'38
minimum elong	-9453 Sep 16 j 13:33	17°♋53'41	0°30'39
	-9453 Sep 23 j 22:57	0°♌	
evening rise	-9453 Sep 30 j 11:26	10°♌57'11	
	-9453 Oct 11 j 22:30	0°♍	
evening max el	-9453 Oct 18 j 18:00	9°♍02'25	18°18'26
asc. node	-9453 Oct 23 j 05:40	12°♍14'31	
retrograde	-9453 Oct 25 j 08:21	12°♍38'03	
evening set	-9453 Oct 28 j 02:55	11°♍57'27	
inferior conj	-9453 Nov 03 j 09:10	6°♍30'02	3°09'42
minimum elong	-9453 Nov 03 j 05:32	6°♍40'04	3°09'02
min. Earth dist.	-9453 Nov 05 j 14:59	4°♍01'49	0.63672 AU
morning rise	-9453 Nov 09 j 07:29	0°♍31'24	
	-9453 Nov 10 j 00:10	30°℞♌	
direct	-9453 Nov 16 j 07:04	27°♌46'10	
	-9453 Nov 23 j 04:47	0°♍	
morning max el	-9453 Nov 29 j 20:20	5°♍20'47	27°29'18
desc. node	-9453 Dec 08 j 12:04	15°♍16'47	
	-9453 Dec 18 j 17:29	0°♎	
morning set	-9452 Jan 03 j 09:48	27°♎54'42	
	-9452 Jan 04 j 10:53	0°♏	
max. Earth dist.	-9452 Jan 08 j 14:31	8°♏32'37	1.33613 AU
superior conj	-9452 Jan 11 j 03:23	13°♏55'02	-1°10'58
minimum elong	-9452 Jan 11 j 05:43	14°♏07'29	1°10'59
evening rise	-9452 Jan 18 j 07:17	29°♏12'28	
	-9452 Jan 18 j 16:23	0°♐	
asc. node	-9452 Jan 19 j 03:35	0°♐58'18	
	-9452 Feb 05 j 06:18	0°♑	
evening max el	-9452 Feb 09 j 21:57	5°♑04'06	22°55'47
retrograde	-9452 Feb 23 j 00:36	11°♑25'40	
evening set	-9452 Feb 26 j 10:44	11°♑00'07	
min. Earth dist.	-9452 Mar 05 j 09:06	7°♑26'20	0.55675 AU
desc. node	-9452 Mar 05 j 12:45	7°♑21'04	
inferior conj	-9452 Mar 06 j 14:58	6°♑42'57	-0°17'11
minimum elong	-9452 Mar 06 j 14:11	6°♑44'04	0°17'31
morning rise	-9452 Mar 15 j 19:25	2°♑41'22	
direct	-9452 Mar 18 j 03:02	2°♑28'29	
morning max el	-9452 Mar 29 j 04:58	7°♑42'49	20°37'08
	-9452 Apr 13 j 04:17	0°♒	
asc. node	-9452 Apr 16 j 02:49	5°♒49'01	
morning set	-9452 Apr 17 j 01:25	7°♒43'39	
superior conj	-9452 Apr 24 j 18:22	23°♒34'09	1°15'14
minimum elong	-9452 Apr 24 j 15:31	23°♒19'40	1°14'27
	-9452 Apr 27 j 23:14	0°♓	
max. Earth dist.	-9452 Apr 29 j 06:59	2°♓36'11	1.35933 AU
evening rise	-9452 May 03 j 14:19	10°♓49'16	
	-9452 May 14 j 14:25	0°♈	
desc. node	-9452 Jun 01 j 10:40	25°♈40'14	
	-9452 Jun 05 j 03:24	0°♉	
evening max el	-9452 Jun 08 j 06:29	3°♉16'57	26°18'12
retrograde	-9452 Jun 20 j 22:56	10°♉34'12	
evening set	-9452 Jun 27 j 09:44	7°♉48'46	
min. Earth dist.	-9452 Jul 01 j 11:33	3°♉24'27	0.66084 AU
inferior conj	-9452 Jul 02 j 22:13	1°♉36'19	-2°50'23
minimum elong	-9452 Jul 03 j 00:56	1°♉27'51	2°49'27
	-9452 Jul 04 j 05:34	30°℞♈	
morning rise	-9452 Jul 08 j 16:14	25°♈46'34	
direct	-9452 Jul 11 j 21:44	24°♈46'45	
asc. node	-9452 Jul 13 j 03:26	24°♈55'17	
morning max el	-9452 Jul 18 j 19:37	28°♈41'14	19°00'26
	-9452 Jul 20 j 00:44	0°♉	
	-9452 Aug 09 j 03:21	0°♊	
morning set	-9452 Aug 09 j 19:44	1°♊05'11	
max. Earth dist.	-9452 Aug 25 j 02:34	25°♊17'47	1.44603 AU

superior conj	-9452 Aug 25 j 21:28	26°♊32'34	0°14'51
minimum elong	-9452 Aug 25 j 23:24	26°♊40'13	0°15'10
behind sun begin	-9452 Aug 25 j 19:06	26°♊23'10	
behind sun end	-9452 Aug 26 j 03:43	26°♊57'16	
desc. node	-9452 Aug 28 j 08:16	0°♋25'20	
	-9452 Aug 28 j 01:52	0°♋	
evening rise	-9452 Sep 10 j 14:03	21°♋36'55	
	-9452 Sep 15 j 18:21	0°♌	
evening max el	-9452 Oct 01 j 06:25	22°♌29'33	18°47'05
retrograde	-9452 Oct 08 j 01:06	26°♌18'28	
asc. node	-9452 Oct 09 j 02:54	26°♌11'55	
evening set	-9452 Oct 11 j 01:35	25°♌26'50	
inferior conj	-9452 Oct 16 j 23:23	19°♌43'29	2°23'35
minimum elong	-9452 Oct 16 j 20:17	19°♌52'48	2°22'59
min. Earth dist.	-9452 Oct 18 j 15:47	17°♌41'44	0.65003 AU
morning rise	-9452 Oct 22 j 14:34	13°♌34'41	
direct	-9452 Oct 29 j 04:46	10°♌49'30	
morning max el	-9452 Nov 11 j 06:19	18°♌19'13	26°52'27
	-9452 Nov 21 j 05:54	0°♍	
desc. node	-9452 Nov 24 j 08:47	4°♍14'59	
	-9452 Dec 10 j 14:52	0°♎	
morning set	-9452 Dec 16 j 21:46	11°♎34'43	
max. Earth dist.	-9452 Dec 21 j 10:08	20°♎27'40	1.34651 AU
superior conj	-9452 Dec 25 j 06:53	28°♎23'30	-1°27'09
minimum elong	-9452 Dec 25 j 09:08	28°♎35'17	1°27'09
	-9452 Dec 26 j 01:22	0°♏	
evening rise	-9451 Jan 01 j 17:06	13°♏58'19	
asc. node	-9451 Jan 05 j 00:50	20°♏43'25	
	-9451 Jan 09 j 23:47	0°♐	
evening max el	-9451 Jan 21 j 20:16	16°♐06'55	21°25'16
retrograde	-9451 Feb 02 j 15:30	21°♐42'27	
evening set	-9451 Feb 05 j 10:15	21°♐24'50	
inferior conj	-9451 Feb 14 j 12:09	17°♐24'16	1°31'58
minimum elong	-9451 Feb 14 j 16:02	17°♐18'45	1°30'13
min. Earth dist.	-9451 Feb 14 j 23:17	17°♐08'26	0.55398 AU
desc. node	-9451 Feb 20 j 09:47	14°♐21'10	
morning rise	-9451 Feb 23 j 21:32	13°♐15'17	
direct	-9451 Feb 26 j 17:12	12°♐57'43	
morning max el	-9451 Mar 11 j 08:14	19°♐03'24	22°02'59
	-9451 Mar 20 j 03:52	0°♑	
morning set	-9451 Apr 01 j 11:05	22°♑35'54	
asc. node	-9451 Apr 02 j 23:45	25°♑47'08	
	-9451 Apr 04 j 23:45	0°♒	
superior conj	-9451 Apr 08 j 19:00	8°♒01'04	0°54'01
minimum elong	-9451 Apr 08 j 16:46	7°♒49'22	0°53'09
max. Earth dist.	-9451 Apr 12 j 00:06	14°♒40'23	1.34625 AU
evening rise	-9451 Apr 16 j 21:23	24°♒24'29	
	-9451 Apr 19 j 20:02	0°♓	
	-9451 May 08 j 02:56	0°♈	
desc. node	-9451 May 19 j 08:04	14°♈07'27	
evening max el	-9451 May 21 j 17:22	16°♈34'38	27°05'32
retrograde	-9451 Jun 04 j 00:42	24°♈03'29	
evening set	-9451 Jun 10 j 21:28	21°♈15'52	
min. Earth dist.	-9451 Jun 14 j 16:23	17°♈29'38	0.64963 AU
inferior conj	-9451 Jun 16 j 17:21	15°♈08'35	-3°20'10
minimum elong	-9451 Jun 16 j 19:45	15°♈01'38	3°19'40
morning rise	-9451 Jun 22 j 18:26	9°♈34'03	
direct	-9451 Jun 25 j 17:34	8°♈46'12	
asc. node	-9451 Jun 30 j 00:19	10°♈21'40	
morning max el	-9451 Jul 02 j 07:02	12°♈20'30	18°23'11
	-9451 Jul 14 j 15:20	0°♉	
morning set	-9451 Jul 21 j 11:29	11°♉18'59	
	-9451 Aug 01 j 21:59	0°♊	
superior conj	-9451 Aug 04 j 22:22	4°♊49'47	0°59'28

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9451 Aug 05 j 04:36	5°♊14'39	0°59'16
max. Earth dist.	-9451 Aug 07 j 19:43	9°♊25'32	1.44467 AU
desc. node	-9451 Aug 15 j 05:24	21°♊06'04	
	-9451 Aug 20 j 21:38	0°♋	
evening rise	-9451 Aug 21 j 13:53	1°♋03'35	
greatest brilliancy	-9451 Sep 01 j 07:50	17°♋45'44	-0.7m
	-9451 Sep 09 j 16:51	0°♌	
evening max el	-9451 Sep 14 j 15:10	5°♌57'17	19°32'20
retrograde	-9451 Sep 21 j 21:09	10°♌08'09	
evening set	-9451 Sep 25 j 05:47	9°♌02'30	
asc. node	-9451 Sep 26 j 00:06	8°♌29'31	
inferior conj	-9451 Sep 30 j 20:51	3°♌06'34	1°33'01
minimum elong	-9451 Sep 30 j 18:45	3°♌13'20	1°32'43
min. Earth dist.	-9451 Oct 02 j 00:53	1°♌36'07	0.66014 AU
	-9451 Oct 03 j 07:41	30°℞♋	
morning rise	-9451 Oct 06 j 07:24	26°♋50'49	
direct	-9451 Oct 12 j 08:26	24°♋15'29	
	-9451 Oct 23 j 02:52	0°♌	
morning max el	-9451 Oct 24 j 16:18	1°♌29'58	25°50'54
desc. node	-9451 Nov 11 j 05:30	23°♌48'39	
	-9451 Nov 15 j 07:45	0°♍	
morning set	-9451 Nov 29 j 19:11	24°♍26'17	
	-9451 Dec 02 j 18:48	0°♎	
max. Earth dist.	-9451 Dec 03 j 18:32	1°♎53'04	1.36110 AU
superior conj	-9451 Dec 09 j 03:01	12°♎24'57	-1°38'39
minimum elong	-9451 Dec 09 j 04:35	12°♎32'49	1°38'37
evening rise	-9451 Dec 16 j 23:37	28°♎28'31	
	-9451 Dec 17 j 17:38	0°♏	
asc. node	-9451 Dec 22 j 22:07	10°♏06'46	
evening max el	-9450 Jan 04 j 03:39	27°♏39'53	20°07'48
	-9450 Jan 07 j 00:50	0°♐	
retrograde	-9450 Jan 14 j 08:45	2°♐27'53	
evening set	-9450 Jan 16 j 21:39	2°♐11'24	
	-9450 Jan 22 j 09:56	30°℞♏	
inferior conj	-9450 Jan 25 j 12:44	28°♏10'30	3°03'42
minimum elong	-9450 Jan 25 j 18:23	28°♏01'53	3°01'55
min. Earth dist.	-9450 Jan 27 j 13:11	26°♏56'49	0.55997 AU
morning rise	-9450 Feb 03 j 13:10	23°♏39'17	
direct	-9450 Feb 07 j 10:44	23°♏05'39	
desc. node	-9450 Feb 07 j 06:44	23°♏05'43	
morning max el	-9450 Feb 21 j 02:35	29°♏53'00	23°39'17
	-9450 Feb 21 j 05:31	0°♐	
	-9450 Mar 13 j 05:11	0°♑	
morning set	-9450 Mar 16 j 23:05	7°♑38'25	
asc. node	-9450 Mar 20 j 20:44	15°♑56'17	
superior conj	-9450 Mar 24 j 01:23	22°♑48'02	0°30'59
minimum elong	-9450 Mar 24 j 00:05	22°♑41'00	0°30'11
max. Earth dist.	-9450 Mar 26 j 02:45	27°♑10'58	1.33670 AU
	-9450 Mar 27 j 10:52	0°♒	
evening rise	-9450 Mar 31 j 15:43	8°♒36'10	
	-9450 Apr 12 j 07:05	0°♓	
evening max el	-9450 May 04 j 03:29	29°♓35'04	27°25'57
	-9450 May 04 j 13:52	0°♈	
desc. node	-9450 May 06 j 05:27	1°♈29'57	
retrograde	-9450 May 17 j 20:57	7°♈07'18	
evening set	-9450 May 24 j 21:24	4°♈30'34	
min. Earth dist.	-9450 May 28 j 12:36	1°♈16'14	0.63450 AU
	-9450 May 29 j 18:10	30°℞♓	
inferior conj	-9450 May 31 j 04:02	28°♓31'03	-3°38'54
minimum elong	-9450 May 31 j 05:24	28°♓27'29	3°38'53
morning rise	-9450 Jun 06 j 14:19	23°♓14'05	
direct	-9450 Jun 09 j 08:37	22°♓36'12	
morning max el	-9450 Jun 15 j 20:55	26°♓00'07	18°03'33
asc. node	-9450 Jun 16 j 21:10	27°♓03'53	
	-9450 Jun 19 j 06:26	0°♈	
morning set	-9450 Jul 03 j 04:23	22°♈43'44	
	-9450 Jul 07 j 09:23	0°♉	
superior conj	-9450 Jul 15 j 17:14	14°♉01'27	1°31'24
minimum elong	-9450 Jul 15 j 22:47	14°♉24'23	1°31'20
max. Earth dist.	-9450 Jul 21 j 09:59	23°♉18'21	1.43650 AU
	-9450 Jul 25 j 14:43	0°♊	
evening rise	-9450 Jul 31 j 17:49	9°♊36'01	
desc. node	-9450 Aug 02 j 02:37	11°♊43'01	
	-9450 Aug 14 j 03:54	0°♋	
evening max el	-9450 Aug 28 j 18:14	19°♋23'25	20°32'29
retrograde	-9450 Sep 05 j 17:59	24°♋04'28	
evening set	-9450 Sep 09 j 13:06	22°♋41'39	
asc. node	-9450 Sep 12 j 21:15	19°♋19'45	
inferior conj	-9450 Sep 14 j 23:12	16°♋36'29	0°40'41
minimum elong	-9450 Sep 14 j 22:16	16°♋39'38	0°40'53
min. Earth dist.	-9450 Sep 15 j 16:06	15°♋39'30	0.66722 AU
morning rise	-9450 Sep 20 j 07:13	10°♋17'23	
direct	-9450 Sep 25 j 17:40	7°♋58'02	
morning max el	-9450 Oct 07 j 01:40	14°♋44'03	24°33'17
	-9450 Oct 19 j 14:05	0°♌	
desc. node	-9450 Oct 29 j 02:13	13°♌47'27	
	-9450 Nov 08 j 05:09	0°♍	
morning set	-9450 Nov 11 j 20:39	6°♍14'25	
max. Earth dist.	-9450 Nov 15 j 18:02	13°♍09'20	1.37937 AU
superior conj	-9450 Nov 22 j 12:25	25°♍49'24	-1°43'36
minimum elong	-9450 Nov 22 j 12:31	25°♍49'52	1°43'29
	-9450 Nov 24 j 15:57	0°♎	
evening rise	-9450 Dec 01 j 00:41	12°♎36'44	
asc. node	-9450 Dec 09 j 19:24	29°♎00'12	
	-9450 Dec 10 j 09:57	0°♏	
evening max el	-9450 Dec 17 j 21:17	9°♏47'10	19°08'27
retrograde	-9450 Dec 26 j 14:46	13°♏56'37	
evening set	-9450 Dec 29 j 02:48	13°♏37'38	
inferior conj	-9449 Jan 06 j 03:57	9°♏23'16	3°58'21
minimum elong	-9449 Jan 06 j 07:22	9°♏17'21	3°57'37
min. Earth dist.	-9449 Jan 09 j 03:41	7°♏19'57	0.57331 AU
morning rise	-9449 Jan 14 j 09:38	4°♏26'19	
direct	-9449 Jan 19 j 15:43	3°♏21'44	
desc. node	-9449 Jan 25 j 03:35	4°♏32'11	
morning max el	-9449 Feb 02 j 17:20	10°♏33'21	25°14'01
	-9449 Feb 17 j 11:12	0°♐	
morning set	-9449 Mar 01 j 11:31	22°♐43'32	
	-9449 Mar 04 j 21:21	0°♑	
asc. node	-9449 Mar 07 j 17:45	6°♑11'15	
superior conj	-9449 Mar 08 j 11:16	7°♑46'27	0°07'14
minimum elong	-9449 Mar 08 j 10:59	7°♑44'54	0°06'35
behind sun begin	-9449 Mar 08 j 06:22	7°♑19'49	
behind sun end	-9449 Mar 08 j 15:36	8°♑09'58	
max. Earth dist.	-9449 Mar 09 j 12:26	10°♑02'52	1.33061 AU
evening rise	-9449 Mar 15 j 17:44	23°♑11'56	
	-9449 Mar 19 j 03:28	0°♒	
	-9449 Apr 06 j 04:22	0°♓	
evening max el	-9449 Apr 16 j 10:42	12°♓06'19	27°14'47
desc. node	-9449 Apr 23 j 02:47	17°♓20'15	
retrograde	-9449 Apr 30 j 10:29	19°♓35'43	
evening set	-9449 May 07 j 05:55	17°♓23'40	
min. Earth dist.	-9449 May 10 j 23:36	14°♓29'53	0.61615 AU
inferior conj	-9449 May 14 j 03:03	11°♓36'04	-3°42'13
minimum elong	-9449 May 14 j 02:35	11°♓37'08	3°42'28
morning rise	-9449 May 21 j 00:55	6°♓38'24	
direct	-9449 May 23 j 15:27	6°♓08'53	
morning max el	-9449 May 30 j 10:37	9°♓33'02	18°02'21
asc. node	-9449 Jun 03 j 17:58	14°♓45'29	
	-9449 Jun 12 j 21:52	0°♈	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9449 Jun 15 j 18:07	5°♈09'00		
superior conj	-9449 Jun 26 j 15:03	24°♈32'53	1°47'18	
minimum elong	-9449 Jun 26 j 17:13	24°♈42'17	1°47'24	
	-9449 Jun 29 j 19:25	0°♉		
max. Earth dist.	-9449 Jul 03 j 19:19	6°♉41'08	1.42262 AU	
evening rise	-9449 Jul 10 j 21:35	18°♉09'02		
	-9449 Jul 18 j 12:56	0°♊		
desc. node	-9449 Jul 19 j 23:55	2°♊12'30		
	-9449 Aug 09 j 01:13	0°♋		
evening max el	-9449 Aug 11 j 14:39	2°♋47'09	21°44'50	
retrograde	-9449 Aug 20 j 13:46	8°♋05'17		
evening set	-9449 Aug 24 j 21:29	6°♋22'40		
inferior conj	-9449 Aug 30 j 04:27	0°♋11'15	-0°11'18	
minimum elong	-9449 Aug 30 j 04:41	0°♋10'27	0°10'38	
transit middle	-9449 Aug 30 j 04:41	0°♋10'27	0°10'38	
transit begin	-9449 Aug 30 j 02:37	0°♋17'32		
transit end	-9449 Aug 30 j 06:44	0°♋03'21		
	-9449 Aug 30 j 07:42	30℞♊		
min. Earth dist.	-9449 Aug 30 j 10:52	29°♊49'07	0.67137 AU	
asc. node	-9449 Aug 30 j 18:18	29°♊23'32		
morning rise	-9449 Sep 04 j 11:43	23°♊52'34		
direct	-9449 Sep 09 j 07:46	21°♊52'09		
morning max el	-9449 Sep 19 j 12:05	27°♊59'02	23°08'59	
	-9449 Sep 21 j 09:30	0°♋		
	-9449 Oct 13 j 07:40	0°♌		
desc. node	-9449 Oct 15 j 23:00	4°♌04'17		
morning set	-9449 Oct 23 j 20:46	16°♌46'10		
max. Earth dist.	-9449 Oct 28 j 15:46	24°♌51'42	1.39947 AU	
	-9449 Oct 31 j 14:28	0°♍		
superior conj	-9449 Nov 05 j 06:39	8°♍25'05	-1°39'38	
minimum elong	-9449 Nov 05 j 04:33	8°♍15'29	1°39'16	
evening rise	-9449 Nov 14 j 17:47	26°♍16'57		
	-9449 Nov 16 j 16:34	0°♎		
asc. node	-9449 Nov 26 j 16:42	17°♎14'03		
evening max el	-9449 Nov 30 j 23:53	22°♎24'52	18°29'02	
retrograde	-9449 Dec 08 j 14:47	26°♎09'36		
evening set	-9449 Dec 11 j 03:12	25°♎46'25		
inferior conj	-9449 Dec 18 j 14:32	21°♎11'27	4°15'07	
minimum elong	-9449 Dec 18 j 14:27	21°♎11'39	4°14'58	
min. Earth dist.	-9449 Dec 21 j 20:59	18°♎35'39	0.59107 AU	
morning rise	-9449 Dec 25 j 23:56	15°♎52'39		
direct	-9448 Jan 01 j 08:34	14°♎09'33		
desc. node	-9448 Jan 12 j 00:22	18°♎32'50		
morning max el	-9448 Jan 15 j 10:51	21°♎32'15	26°32'21	
	-9448 Jan 22 j 21:31	0°♏		
	-9448 Feb 10 j 03:16	0°♐		
morning set	-9448 Feb 13 j 22:41	7°♐44'46		
superior conj	-9448 Feb 20 j 22:50	22°♐49'45	-0°16'25	
minimum elong	-9448 Feb 20 j 23:33	22°♐53'39	0°16'51	
max. Earth dist.	-9448 Feb 21 j 01:43	23°♐05'28	1.32779 AU	
asc. node	-9448 Feb 22 j 14:49	26°♐27'53		
	-9448 Feb 24 j 05:55	0°♑		
evening rise	-9448 Feb 28 j 00:51	8°♑02'36		
	-9448 Mar 10 j 15:39	0°♒		
evening max el	-9448 Mar 28 j 12:52	24°♒00'07	26°31'01	
	-9448 Apr 05 j 20:06	0°♓		
desc. node	-9448 Apr 09 j 00:02	1°♓04'40		
retrograde	-9448 Apr 11 j 15:33	1°♓22'13		
	-9448 Apr 17 j 07:24	30℞♒		
evening set	-9448 Apr 17 j 19:47	29°♒44'34		
min. Earth dist.	-9448 Apr 22 j 02:07	26°♒56'44	0.59618 AU	
inferior conj	-9448 Apr 25 j 10:48	24°♒15'12	-3°23'51	
minimum elong	-9448 Apr 25 j 08:04	24°♒20'44	3°23'54	
morning rise	-9448 May 02 j 22:53	19°♒37'54		
direct	-9448 May 05 j 10:07	19°♒15'27		
morning max el	-9448 May 12 j 21:24	22°♒51'57	18°20'17	
	-9448 May 18 j 14:02	0°♓		
asc. node	-9448 May 20 j 14:46	3°♓13'15		
morning set	-9448 May 28 j 23:47	18°♓23'04		
	-9448 Jun 04 j 03:37	0°♈		
superior conj	-9448 Jun 07 j 14:10	6°♈20'32	1°49'19	
minimum elong	-9448 Jun 07 j 13:20	6°♈16'42	1°49'17	
max. Earth dist.	-9448 Jun 14 j 23:17	19°♈23'50	1.40501 AU	
evening rise	-9448 Jun 19 j 21:19	27°♈40'06		
	-9448 Jun 21 j 07:27	0°♉		
desc. node	-9448 Jul 05 j 21:17	22°♉29'39		
	-9448 Jul 11 j 03:47	0°♊		
evening max el	-9448 Jul 24 j 04:58	16°♊08'31	23°04'58	
retrograde	-9448 Aug 03 j 07:03	22°♊07'21		
evening set	-9448 Aug 08 j 05:03	20°♊03'30		
inferior conj	-9448 Aug 13 j 10:44	13°♊48'35	-1°01'21	
minimum elong	-9448 Aug 13 j 12:02	13°♊44'09	1°00'18	
min. Earth dist.	-9448 Aug 13 j 06:44	14°♊02'25	0.67261 AU	
asc. node	-9448 Aug 16 j 15:17	9°♊40'11		
morning rise	-9448 Aug 18 j 18:55	7°♊33'52		
direct	-9448 Aug 23 j 01:42	5°♊52'47		
morning max el	-9448 Sep 01 j 02:27	11°♊16'47	21°46'14	
	-9448 Sep 15 j 14:17	0°♋		
desc. node	-9448 Oct 01 j 19:51	24°♋33'05		
morning set	-9448 Oct 02 j 17:58	26°♋00'38		
	-9448 Oct 05 j 05:53	0°♌		
max. Earth dist.	-9448 Oct 09 j 18:23	7°♌22'44	1.41858 AU	
superior conj	-9448 Oct 17 j 04:02	19°♌56'19	-1°24'02	
minimum elong	-9448 Oct 16 j 23:40	19°♌37'23	1°23'14	
	-9448 Oct 22 j 20:17	0°♍		
evening rise	-9448 Oct 27 j 23:29	9°♍20'44		
	-9448 Nov 08 j 23:41	0°♎		
asc. node	-9448 Nov 12 j 13:59	4°♎35'32		
evening max el	-9448 Nov 13 j 08:51	5°♎24'40	18°09'42	
retrograde	-9448 Nov 20 j 07:27	8°♎57'54		
evening set	-9448 Nov 22 j 20:57	8°♎29'23		
inferior conj	-9448 Nov 29 j 19:46	3°♎32'24	4°03'17	
minimum elong	-9448 Nov 29 j 17:10	3°♎38'22	4°03'02	
min. Earth dist.	-9448 Dec 02 j 20:45	0°♎45'22	0.61000 AU	
	-9448 Dec 03 j 17:49	30℞♍		
morning rise	-9448 Dec 06 j 12:10	27°♍55'31		
direct	-9448 Dec 13 j 11:09	25°♍38'23		
	-9448 Dec 23 j 20:42	0°♎		
morning max el	-9448 Dec 27 j 10:39	3°♎07'49	27°21'53	
desc. node	-9448 Dec 28 j 21:05	4°♎33'52		
	-9447 Jan 16 j 06:40	0°♏		
morning set	-9447 Jan 28 j 06:40	22°♏34'46		
	-9447 Jan 31 j 19:20	0°♐		
max. Earth dist.	-9447 Feb 03 j 14:51	6°♐04'43	1.32818 AU	
superior conj	-9447 Feb 04 j 10:27	7°♐51'32	-0°39'08	
minimum elong	-9447 Feb 04 j 12:01	8°♐00'03	0°39'20	
asc. node	-9447 Feb 08 j 11:57	16°♐41'52		
evening rise	-9447 Feb 11 j 10:58	23°♐00'09		
	-9447 Feb 14 j 21:00	0°♑		
	-9447 Mar 05 j 12:03	0°♒		
evening max el	-9447 Mar 10 j 09:16	5°♒16'34	25°19'17	
retrograde	-9447 Mar 24 j 10:22	12°♒25'42		
desc. node	-9447 Mar 26 j 21:12	12°♒11'25		
evening set	-9447 Mar 29 j 14:08	11°♒23'24		
min. Earth dist.	-9447 Apr 03 j 22:13	8°♒27'15	0.57707 AU	
inferior conj	-9447 Apr 06 j 23:55	6°♒19'42	-2°36'30	
minimum elong	-9447 Apr 06 j 19:42	6°♒27'04	2°36'02	
morning rise	-9447 Apr 15 j 04:29	2°♒01'58		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

direct	-9447 Apr 17 j 12:21	1°♒45'20	
morning max el	-9447 Apr 26 j 02:30	5°♒48'33	18°57'58
asc. node	-9447 May 07 j 11:38	22°♒16'42	
	-9447 May 11 j 13:23	0°♓	
morning set	-9447 May 12 j 17:16	2°♓16'02	
superior conj	-9447 May 21 j 09:18	19°♓10'56	1°41'09
minimum elong	-9447 May 21 j 06:49	18°♓59'01	1°40'48
	-9447 May 27 j 04:38	0°♈	
max. Earth dist.	-9447 May 28 j 00:02	1°♈27'41	1.38608 AU
evening rise	-9447 Jun 01 j 00:28	8°♈33'12	
	-9447 Jun 14 j 05:15	0°♉	
desc. node	-9447 Jun 22 j 18:40	12°♉28'50	
evening max el	-9447 Jul 06 j 15:33	29°♉30'28	24°26'27
	-9447 Jul 07 j 03:32	0°♊	
retrograde	-9447 Jul 17 j 20:58	6°♊07'39	
evening set	-9447 Jul 23 j 09:57	3°♊43'40	
	-9447 Jul 26 j 18:40	30°℞♉	
min. Earth dist.	-9447 Jul 28 j 01:23	28°♉18'25	0.67075 AU
inferior conj	-9447 Jul 28 j 16:25	27°♉27'39	-1°47'53
minimum elong	-9447 Jul 28 j 18:32	27°♉20'30	1°46'42
morning rise	-9447 Aug 03 j 03:06	21°♉20'13	
asc. node	-9447 Aug 03 j 12:14	21°♉04'20	
direct	-9447 Aug 06 j 22:22	19°♉57'07	
morning max el	-9447 Aug 14 j 23:04	24°♉41'07	20°31'31
	-9447 Aug 19 j 12:06	0°♊	
	-9447 Sep 09 j 00:05	0°♋	
morning set	-9447 Sep 11 j 21:24	4°♋28'12	
desc. node	-9447 Sep 18 j 16:48	15°♋09'50	
max. Earth dist.	-9447 Sep 22 j 03:39	20°♋41'04	1.43394 AU
superior conj	-9447 Sep 27 j 23:07	0°♌10'02	-0°54'38
minimum elong	-9447 Sep 27 j 18:15	29°♋49'56	0°53'33
	-9447 Sep 27 j 20:42	0°♌	
evening rise	-9447 Oct 10 j 13:31	21°♌38'38	
	-9447 Oct 15 j 08:39	0°♍	
evening max el	-9447 Oct 27 j 21:25	18°♍39'54	18°09'50
asc. node	-9447 Oct 30 j 11:15	20°♍50'12	
retrograde	-9447 Nov 03 j 12:39	22°♍12'18	
evening set	-9447 Nov 06 j 04:43	21°♍36'50	
inferior conj	-9447 Nov 12 j 16:34	16°♍19'41	3°32'47
minimum elong	-9447 Nov 12 j 12:58	16°♍29'03	3°32'13
min. Earth dist.	-9447 Nov 15 j 06:01	13°♍40'22	0.62768 AU
morning rise	-9447 Nov 18 j 20:20	10°♍27'49	
direct	-9447 Nov 25 j 22:10	7°♍48'45	
morning max el	-9447 Dec 09 j 16:28	15°♍23'18	27°36'33
desc. node	-9447 Dec 15 j 17:48	22°♍02'54	
	-9447 Dec 21 j 18:47	0°♎	
	-9446 Jan 08 j 18:47	0°♏	
morning set	-9446 Jan 12 j 09:14	7°♏05'41	
max. Earth dist.	-9446 Jan 17 j 23:57	18°♏46'55	1.33209 AU
superior conj	-9446 Jan 19 j 20:28	22°♏45'51	-1°00'05
minimum elong	-9446 Jan 19 j 22:37	22°♏57'29	1°00'09
	-9446 Jan 23 j 04:47	0°♐	
asc. node	-9446 Jan 26 j 09:09	6°♐48'43	
evening rise	-9446 Jan 26 j 22:18	7°♐57'55	
	-9446 Feb 07 j 14:45	0°♑	
evening max el	-9446 Feb 20 j 02:16	16°♑09'02	23°49'52
retrograde	-9446 Mar 05 j 17:16	22°♑53'13	
evening set	-9446 Mar 09 j 16:59	22°♑18'00	
desc. node	-9446 Mar 13 j 18:18	20°♑38'06	
min. Earth dist.	-9446 Mar 16 j 14:52	19°♑01'14	0.56211 AU
inferior conj	-9446 Mar 18 j 17:10	17°♑44'21	-1°16'02
minimum elong	-9446 Mar 18 j 14:10	17°♑48'57	1°15'41
morning rise	-9446 Mar 27 j 14:11	13°♑40'24	
direct	-9446 Mar 29 j 20:00	13°♑27'24	

morning max el	-9446 Apr 08 j 23:01	18°♑12'40	19°55'33
	-9446 Apr 17 j 21:56	0°♒	
asc. node	-9446 Apr 24 j 08:32	11°♒46'38	
morning set	-9446 Apr 26 j 19:05	16°♒37'59	
	-9446 May 03 j 09:27	0°♓	
superior conj	-9446 May 04 j 19:04	2°♓48'14	1°26'04
minimum elong	-9446 May 04 j 16:06	2°♓33'29	1°25'24
max. Earth dist.	-9446 May 10 j 02:50	13°♓10'01	1.36826 AU
evening rise	-9446 May 14 j 04:12	20°♓41'56	
	-9446 May 19 j 10:52	0°♈	
	-9446 Jun 08 j 03:01	0°♉	
desc. node	-9446 Jun 09 j 16:04	2°♉01'42	
evening max el	-9446 Jun 19 j 01:16	12°♉54'08	25°41'25
retrograde	-9446 Jul 01 j 06:46	20°♉00'55	
evening set	-9446 Jul 07 j 10:07	17°♉21'06	
min. Earth dist.	-9446 Jul 11 j 16:31	12°♉34'11	0.66550 AU
inferior conj	-9446 Jul 12 j 19:39	11°♉06'27	-2°29'25
minimum elong	-9446 Jul 12 j 22:16	10°♉57'57	2°28'20
morning rise	-9446 Jul 18 j 10:29	5°♉09'20	
asc. node	-9446 Jul 21 j 09:11	4°♉03'05	
direct	-9446 Jul 21 j 20:19	4°♉01'51	
morning max el	-9446 Jul 29 j 02:21	8°♉12'26	19°29'18
	-9446 Aug 13 j 17:43	0°♊	
morning set	-9446 Aug 22 j 02:42	13°♊04'05	
	-9446 Sep 01 j 21:16	0°♋	
max. Earth dist.	-9446 Sep 04 j 17:46	4°♋31'01	1.44353 AU
desc. node	-9446 Sep 05 j 13:51	5°♋50'42	
superior conj	-9446 Sep 07 j 15:06	9°♋06'45	-0°12'30
minimum elong	-9446 Sep 07 j 13:40	9°♋01'01	0°11'45
behind sun begin	-9446 Sep 07 j 05:50	8°♋29'46	
behind sun end	-9446 Sep 07 j 21:30	9°♋32'17	
	-9446 Sep 20 j 11:40	0°♌	
evening rise	-9446 Sep 22 j 06:32	2°♌57'39	
	-9446 Oct 09 j 14:21	0°♍	
evening max el	-9446 Oct 11 j 10:41	2°♍04'23	18°28'31
asc. node	-9446 Oct 17 j 08:29	5°♍41'57	
retrograde	-9446 Oct 18 j 02:13	5°♍44'56	
evening set	-9446 Oct 20 j 22:54	5°♍00'10	
	-9446 Oct 26 j 13:23	30°℞♌	
inferior conj	-9446 Oct 27 j 01:22	29°♌25'41	2°50'55
minimum elong	-9446 Oct 26 j 21:53	29°♌35'42	2°50'13
min. Earth dist.	-9446 Oct 29 j 01:29	27°♌07'34	0.64274 AU
morning rise	-9446 Nov 01 j 20:16	23°♌22'07	
direct	-9446 Nov 08 j 16:28	20°♌35'11	
morning max el	-9446 Nov 22 j 01:40	28°♌09'46	27°17'06
	-9446 Nov 23 j 20:51	0°♍	
desc. node	-9446 Dec 02 j 14:32	10°♍34'32	
	-9446 Dec 15 j 11:33	0°♎	
morning set	-9446 Dec 27 j 03:37	21°♎08'18	
	-9446 Dec 31 j 13:29	0°♏	
max. Earth dist.	-9445 Jan 01 j 01:14	1°♏00'33	1.33995 AU
superior conj	-9445 Jan 04 j 03:00	7°♏26'34	-1°18'20
minimum elong	-9445 Jan 04 j 05:23	7°♏39'06	1°18'19
evening rise	-9445 Jan 11 j 09:10	22°♏50'17	
asc. node	-9445 Jan 13 j 06:24	26°♏43'46	
	-9445 Jan 14 j 21:24	0°♐	
evening max el	-9445 Feb 01 j 21:14	27°♐02'31	22°16'16
	-9445 Feb 05 j 12:32	0°♑	
retrograde	-9445 Feb 14 j 12:26	3°♑05'48	
evening set	-9445 Feb 17 j 14:15	2°♑44'58	
	-9445 Feb 24 j 07:45	30°℞♐	
inferior conj	-9445 Feb 26 j 18:52	28°♐36'49	0°29'18
minimum elong	-9445 Feb 26 j 20:08	28°♐35'00	0°28'19
min. Earth dist.	-9445 Feb 26 j 06:09	28°♐54'58	0.55440 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9445 Feb 28 j 15:21	27°♐34'03	
morning rise	-9445 Mar 08 j 02:54	24°♐33'52	
direct	-9445 Mar 10 j 13:41	24°♐20'04	
	-9445 Mar 22 j 09:56	0°♑	
morning max el	-9445 Mar 22 j 08:48	29°♐57'19	21°11'51
	-9445 Apr 10 j 10:40	0°♒	
morning set	-9445 Apr 11 j 02:33	1°♒21'20	
asc. node	-9445 Apr 11 j 05:29	1°♒36'20	
superior conj	-9445 Apr 18 j 15:15	17°♒00'05	1°06'33
minimum elong	-9445 Apr 18 j 12:36	16°♒46'29	1°05'43
max. Earth dist.	-9445 Apr 22 j 13:47	24°♒59'59	1.35330 AU
	-9445 Apr 25 j 02:47	0°♓	
evening rise	-9445 Apr 27 j 02:55	3°♓50'41	
	-9445 May 12 j 07:33	0°♈	
desc. node	-9445 May 27 j 13:26	20°♈57'13	
evening max el	-9445 Jun 01 j 11:55	26°♈16'58	26°41'15
	-9445 Jun 05 j 17:47	0°♉	
retrograde	-9445 Jun 14 j 11:44	3°♉40'56	
evening set	-9445 Jun 21 j 03:11	0°♉53'19	
	-9445 Jun 22 j 02:42	30°℞♈	
min. Earth dist.	-9445 Jun 25 j 01:50	26°♈45'20	0.65652 AU
inferior conj	-9445 Jun 26 j 18:25	24°♈42'29	-3°04'10
minimum elong	-9445 Jun 26 j 21:05	24°♈34'25	3°03'25
morning rise	-9445 Jul 02 j 15:11	18°♈58'40	
direct	-9445 Jul 05 j 17:41	18°♈04'18	
asc. node	-9445 Jul 08 j 06:05	18°♈38'45	
morning max el	-9445 Jul 12 j 11:16	21°♈49'25	18°42'25
	-9445 Jul 18 j 20:59	0°♉	
morning set	-9445 Aug 02 j 03:44	22°♉36'37	
	-9445 Aug 06 j 17:47	0°♊	
superior conj	-9445 Aug 17 j 15:15	17°♊20'43	0°34'46
minimum elong	-9445 Aug 17 j 19:30	17°♊37'34	0°34'47
max. Earth dist.	-9445 Aug 18 j 10:29	18°♊36'49	1.44633 AU
desc. node	-9445 Aug 23 j 10:56	26°♊32'29	
	-9445 Aug 25 j 15:28	0°♋	
evening rise	-9445 Sep 02 j 21:40	13°♋05'50	
	-9445 Sep 13 j 13:52	0°♌	
evening max el	-9445 Sep 24 j 21:53	15°♌32'37	19°04'28
retrograde	-9445 Oct 01 j 20:34	19°♌29'40	
asc. node	-9445 Oct 04 j 05:43	18°♌57'02	
evening set	-9445 Oct 05 j 00:14	18°♌32'32	
inferior conj	-9445 Oct 10 j 18:59	12°♌43'45	2°02'30
minimum elong	-9445 Oct 10 j 16:16	12°♌52'11	2°01'59
min. Earth dist.	-9445 Oct 12 j 06:04	10°♌54'40	0.65474 AU
morning rise	-9445 Oct 16 j 07:55	6°♌31'39	
direct	-9445 Oct 22 j 16:58	3°♌49'20	
morning max el	-9445 Nov 04 j 11:35	11°♌14'09	26°28'43
desc. node	-9445 Nov 19 j 11:15	29°♌49'31	
	-9445 Nov 19 j 14:10	0°♍	
	-9445 Dec 07 j 23:50	0°♎	
morning set	-9445 Dec 10 j 09:57	4°♎29'30	
max. Earth dist.	-9445 Dec 14 j 15:46	12°♎40'32	1.35218 AU
superior conj	-9445 Dec 19 j 03:44	21°♎44'58	-1°32'43
minimum elong	-9445 Dec 19 j 05:47	21°♎55'30	1°32'42
	-9445 Dec 23 j 03:09	0°♏	
evening rise	-9445 Dec 26 j 17:47	7°♏30'10	
asc. node	-9445 Dec 31 j 03:39	16°♏20'35	
	-9444 Jan 08 j 02:28	0°♐	
evening max el	-9444 Jan 14 j 23:13	8°♐17'30	20°50'23
retrograde	-9444 Jan 26 j 02:17	13°♐31'36	
evening set	-9444 Jan 28 j 17:42	13°♐15'04	
inferior conj	-9444 Feb 06 j 15:48	9°♐16'51	2°14'36
minimum elong	-9444 Feb 06 j 20:58	9°♐09'21	2°12'36
min. Earth dist.	-9444 Feb 07 j 20:14	8°♐35'40	0.55553 AU
morning rise	-9444 Feb 15 j 22:59	4°♐59'28	
desc. node	-9444 Feb 15 j 12:20	5°♐06'02	
direct	-9444 Feb 19 j 04:25	4°♐36'36	
morning max el	-9444 Mar 03 j 07:40	11°♐02'12	22°43'10
	-9444 Mar 17 j 03:49	0°♑	
morning set	-9444 Mar 25 j 13:25	16°♑18'21	
asc. node	-9444 Mar 28 j 02:26	21°♑39'29	
	-9444 Apr 01 j 00:28	0°♒	
superior conj	-9444 Apr 01 j 18:35	1°♒36'02	0°44'24
minimum elong	-9444 Apr 01 j 16:43	1°♒26'09	0°43'33
max. Earth dist.	-9444 Apr 04 j 11:13	7°♒15'20	1.34180 AU
evening rise	-9444 Apr 09 j 15:15	17°♒42'52	
	-9444 Apr 16 j 04:09	0°♓	
	-9444 May 05 j 14:36	0°♈	
desc. node	-9444 May 13 j 10:49	8°♈59'38	
evening max el	-9444 May 13 j 22:59	9°♈29'34	27°17'59
retrograde	-9444 May 27 j 11:10	17°♈00'06	
evening set	-9444 Jun 03 j 10:18	14°♈15'47	
min. Earth dist.	-9444 Jun 07 j 03:15	10°♈43'54	0.64362 AU
inferior conj	-9444 Jun 09 j 10:19	8°♈11'31	-3°29'44
minimum elong	-9444 Jun 09 j 12:23	8°♈05'47	3°29'27
morning rise	-9444 Jun 15 j 15:00	2°♈43'52	
direct	-9444 Jun 18 j 11:58	2°♈00'21	
asc. node	-9444 Jun 24 j 02:57	4°♈39'13	
morning max el	-9444 Jun 24 j 23:57	5°♈29'05	18°12'37
	-9444 Jul 11 j 06:48	0°♉	
morning set	-9444 Jul 13 j 06:38	3°♉22'09	
superior conj	-9444 Jul 26 j 21:43	25°♉55'21	1°14'56
minimum elong	-9444 Jul 27 j 04:15	26°♉21'43	1°14'45
	-9444 Jul 29 j 10:34	0°♊	
max. Earth dist.	-9444 Jul 31 j 03:06	2°♊41'52	1.44200 AU
desc. node	-9444 Aug 09 j 08:06	17°♊12'27	
evening rise	-9444 Aug 12 j 11:28	22°♊05'47	
	-9444 Aug 17 j 14:02	0°♋	
greatest brilliancy	-9444 Aug 25 j 03:58	11°♋33'16	-0.7m
evening max el	-9444 Sep 07 j 04:33	29°♋01'00	19°56'15
	-9444 Sep 08 j 04:34	0°♌	
retrograde	-9444 Sep 14 j 17:07	3°♌23'12	
evening set	-9444 Sep 18 j 06:02	2°♌10'30	
asc. node	-9444 Sep 20 j 02:52	0°♌35'05	
	-9444 Sep 20 j 16:18	30°℞♋	
inferior conj	-9444 Sep 23 j 18:47	26°♋10'23	1°10'54
minimum elong	-9444 Sep 23 j 17:10	26°♋15'42	1°10'48
min. Earth dist.	-9444 Sep 24 j 17:56	24°♋54'08	0.66358 AU
morning rise	-9444 Sep 29 j 04:03	19°♋53'04	
direct	-9444 Oct 04 j 23:04	17°♋23'59	
morning max el	-9444 Oct 16 j 21:07	24°♋27'02	25°19'17
	-9444 Oct 21 j 21:53	0°♌	
desc. node	-9444 Nov 05 j 07:58	19°♌35'25	
	-9444 Nov 12 j 00:44	0°♍	
morning set	-9444 Nov 21 j 23:32	16°♍55'48	
max. Earth dist.	-9444 Nov 25 j 19:54	23°♍59'08	1.36860 AU
	-9444 Nov 28 j 23:48	0°♎	
superior conj	-9444 Dec 01 j 19:46	5°♎32'21	-1°41'41
minimum elong	-9444 Dec 01 j 20:48	5°♎37'29	1°41'38
evening rise	-9444 Dec 09 j 22:15	21°♎52'02	
	-9444 Dec 14 j 01:08	0°♏	
asc. node	-9444 Dec 17 j 00:55	5°♏32'18	
evening max el	-9444 Dec 27 j 10:57	20°♏04'58	19°40'03
retrograde	-9443 Jan 05 j 23:44	24°♏34'47	
evening set	-9443 Jan 08 j 12:13	24°♏17'22	
inferior conj	-9443 Jan 16 j 21:27	20°♏11'44	3°31'51
minimum elong	-9443 Jan 17 j 02:31	20°♏03'37	3°30'30
min. Earth dist.	-9443 Jan 19 j 09:46	18°♏35'41	0.56501 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning rise	-9443 Jan 25 j 14:43	15°♏29'49	
direct	-9443 Jan 30 j 02:17	14°♏44'42	
desc. node	-9443 Feb 01 j 09:13	14°♏56'45	
morning max el	-9443 Feb 12 j 23:28	21°♏43'29	24°20'38
	-9443 Feb 20 j 03:47	0°♐	
	-9443 Mar 09 j 09:58	0°♑	
morning set	-9443 Mar 10 j 01:47	1°♑22'34	
asc. node	-9443 Mar 14 j 23:24	11°♑51'24	
superior conj	-9443 Mar 17 j 02:38	16°♑28'10	0°20'56
minimum elong	-9443 Mar 17 j 01:45	16°♑23'25	0°20'11
max. Earth dist.	-9443 Mar 18 j 17:27	19°♑56'49	1.33376 AU
	-9443 Mar 23 j 12:27	0°♒	
evening rise	-9443 Mar 24 j 13:10	2°♒05'39	
	-9443 Apr 09 j 01:54	0°♓	
evening max el	-9443 Apr 26 j 08:11	22°♓18'41	27°25'15
desc. node	-9443 Apr 30 j 08:10	25°♓46'30	
retrograde	-9443 May 10 j 04:20	29°♓49'31	
evening set	-9443 May 17 j 04:03	27°♓21'45	
min. Earth dist.	-9443 May 20 j 19:22	24°♓18'00	0.62702 AU
inferior conj	-9443 May 23 j 16:25	21°♓27'05	-3°42'35
minimum elong	-9443 May 23 j 17:06	21°♓25'24	3°42'42
morning rise	-9443 May 30 j 07:18	16°♓18'10	
direct	-9443 Jun 02 j 00:03	15°♓43'53	
morning max el	-9443 Jun 08 j 14:01	19°♓06'09	18°00'48
asc. node	-9443 Jun 10 j 23:45	21°♓48'06	
	-9443 Jun 16 j 13:51	0°♈	
morning set	-9443 Jun 25 j 08:57	15°♈13'56	
	-9443 Jul 03 j 19:43	0°♉	
superior conj	-9443 Jul 07 j 03:39	5°♉39'30	1°40'05
minimum elong	-9443 Jul 07 j 07:52	5°♉57'16	1°40'07
max. Earth dist.	-9443 Jul 13 j 16:02	16°♉25'43	1.43117 AU
	-9443 Jul 22 j 04:39	0°♊	
evening rise	-9443 Jul 22 j 12:26	0°♊30'23	
desc. node	-9443 Jul 27 j 05:22	7°♊46'47	
	-9443 Aug 11 j 06:21	0°♋	
evening max el	-9443 Aug 21 j 04:48	12°♋26'02	21°01'56
retrograde	-9443 Aug 29 j 13:44	17°♋22'01	
evening set	-9443 Sep 02 j 14:03	15°♋50'49	
asc. node	-9443 Sep 06 j 23:57	10°♋59'06	
inferior conj	-9443 Sep 07 j 22:34	9°♋42'29	0°18'29
minimum elong	-9443 Sep 07 j 22:08	9°♋43'57	0°18'53
min. Earth dist.	-9443 Sep 08 j 10:52	9°♋00'33	0.66936 AU
morning rise	-9443 Sep 13 j 06:05	3°♋23'17	
direct	-9443 Sep 18 j 10:15	1°♋12'05	
morning max el	-9443 Sep 29 j 06:46	7°♋42'03	23°57'48
	-9443 Oct 16 j 16:56	0°♌	
desc. node	-9443 Oct 23 j 04:44	9°♌42'52	
morning set	-9443 Nov 03 j 14:46	28°♌12'39	
	-9443 Nov 04 j 15:50	0°♍	
max. Earth dist.	-9443 Nov 07 j 18:09	5°♍24'29	1.38791 AU
superior conj	-9443 Nov 14 j 23:18	18°♍37'35	-1°43'09
minimum elong	-9443 Nov 14 j 22:32	18°♍33'59	1°42'58
	-9443 Nov 20 j 20:53	0°♎	
evening rise	-9443 Nov 23 j 20:18	5°♎49'31	
asc. node	-9443 Dec 03 j 22:12	24°♎10'22	
	-9443 Dec 08 j 02:39	0°♏	
evening max el	-9443 Dec 10 j 08:32	2°♏25'35	18°49'05
retrograde	-9443 Dec 18 j 13:38	6°♏23'16	
evening set	-9443 Dec 21 j 01:37	6°♏02'42	
inferior conj	-9443 Dec 28 j 20:45	1°♏39'41	4°09'38
minimum elong	-9443 Dec 28 j 22:39	1°♏36'10	4°09'16
	-9443 Dec 31 j 02:47	30°℞♎	
min. Earth dist.	-9442 Jan 01 j 01:00	29°♎20'12	0.58052 AU
morning rise	-9442 Jan 05 j 17:35	26°♎32'42	
direct	-9442 Jan 11 j 11:56	25°♎12'16	
desc. node	-9442 Jan 19 j 06:03	27°♎32'19	
	-9442 Jan 22 j 19:07	0°♏	
morning max el	-9442 Jan 25 j 14:54	2°♏29'31	25°50'19
	-9442 Feb 14 j 04:36	0°♐	
morning set	-9442 Feb 22 j 13:56	16°♐27'36	
	-9442 Feb 28 j 20:57	0°♑	
superior conj	-9442 Mar 01 j 13:27	1°♑30'00	-0°02'54
minimum elong	-9442 Mar 01 j 13:36	1°♑30'48	0°03'27
behind sun begin	-9442 Mar 01 j 08:41	1°♑04'01	
behind sun end	-9442 Mar 01 j 18:31	1°♑57'34	
asc. node	-9442 Mar 01 j 20:27	2°♑08'07	
max. Earth dist.	-9442 Mar 02 j 05:11	2°♑55'39	1.32899 AU
evening rise	-9442 Mar 08 j 17:39	16°♑49'05	
	-9442 Mar 15 j 10:59	0°♒	
	-9442 Apr 04 j 05:52	0°♓	
evening max el	-9442 Apr 08 j 13:15	4°♓34'19	26°59'56
desc. node	-9442 Apr 17 j 05:26	10°♓48'16	
retrograde	-9442 Apr 22 j 14:33	12°♓01'38	
evening set	-9442 Apr 29 j 04:59	10°♓03'03	
min. Earth dist.	-9442 May 03 j 02:22	7°♓14'01	0.60771 AU
inferior conj	-9442 May 06 j 09:23	4°♓22'23	-3°37'33
minimum elong	-9442 May 06 j 07:57	4°♓25'30	3°37'45
	-9442 May 12 j 10:58	30°℞♒	
morning rise	-9442 May 13 j 13:01	29°♒33'44	
direct	-9442 May 16 j 02:10	29°♒07'24	
	-9442 May 19 j 14:40	0°♓	
morning max el	-9442 May 23 j 02:55	2°♓34'56	18°07'41
asc. node	-9442 May 28 j 20:34	9°♓51'11	
morning set	-9442 Jun 08 j 06:01	28°♓01'23	
	-9442 Jun 09 j 07:40	0°♈	
superior conj	-9442 Jun 18 j 12:52	16°♈45'26	1°49'39
minimum elong	-9442 Jun 18 j 13:37	16°♈48'43	1°49'44
max. Earth dist.	-9442 Jun 25 j 22:54	29°♈31'54	1.41540 AU
	-9442 Jun 26 j 05:37	0°♉	
evening rise	-9442 Jul 01 j 22:47	9°♉22'15	
desc. node	-9442 Jul 14 j 02:40	28°♉11'37	
	-9442 Jul 15 j 07:53	0°♊	
evening max el	-9442 Aug 03 j 22:16	25°♊47'49	22°18'15
	-9442 Aug 09 j 00:12	0°♋	
retrograde	-9442 Aug 13 j 08:44	1°♋23'45	
	-9442 Aug 17 j 07:51	30°℞♊	
evening set	-9442 Aug 17 j 22:20	29°♊32'04	
inferior conj	-9442 Aug 23 j 04:29	23°♊18'33	-0°32'53
minimum elong	-9442 Aug 23 j 05:11	23°♊16'08	0°32'02
min. Earth dist.	-9442 Aug 23 j 06:27	23°♊11'47	0.67221 AU
asc. node	-9442 Aug 24 j 21:00	21°♊00'37	
morning rise	-9442 Aug 28 j 11:56	17°♊01'01	
direct	-9442 Sep 02 j 02:01	15°♊09'06	
morning max el	-9442 Sep 11 j 18:39	20°♊58'20	22°33'10
	-9442 Sep 19 j 09:33	0°♋	
desc. node	-9442 Oct 10 j 01:33	0°♌05'30	
	-9442 Oct 10 j 00:09	0°♌	
morning set	-9442 Oct 15 j 03:15	8°♌10'48	
max. Earth dist.	-9442 Oct 20 j 17:16	17°♌25'44	1.40784 AU
	-9442 Oct 27 j 22:44	0°♍	
superior conj	-9442 Oct 28 j 09:23	0°♍47'38	-1°34'36
minimum elong	-9442 Oct 28 j 06:15	0°♍33'39	1°34'04
evening rise	-9442 Nov 07 j 09:02	19°♍15'34	
	-9442 Nov 13 j 04:23	0°♎	
asc. node	-9442 Nov 20 j 19:30	12°♎04'00	
evening max el	-9442 Nov 23 j 14:11	15°♎13'55	18°18'23
retrograde	-9442 Nov 30 j 21:09	18°♎52'31	
evening set	-9442 Dec 03 j 09:45	18°♎27'22	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

inferior conj	-9442 Dec 10 j 15:37	13°♑43'13	4°12'58
minimum elong	-9442 Dec 10 j 14:17	13°♑46'05	4°12'51
min. Earth dist.	-9442 Dec 13 j 20:58	10°♑59'41	0.59909 AU
morning rise	-9442 Dec 17 j 17:12	8°♑15'57	
direct	-9442 Dec 24 j 09:22	6°♑17'03	
desc. node	-9441 Jan 06 j 02:49	12°♑28'51	
morning max el	-9441 Jan 07 j 11:07	13°♑43'54	26°57'28
	-9441 Jan 20 j 12:37	0°♏	
	-9441 Feb 06 j 07:28	0°♐	
morning set	-9441 Feb 07 j 00:00	1°♐25'34	
superior conj	-9441 Feb 14 j 01:16	16°♐34'03	-0°26'13
minimum elong	-9441 Feb 14 j 02:22	16°♐40'02	0°26'33
max. Earth dist.	-9441 Feb 13 j 18:44	15°♐58'20	1.32749 AU
asc. node	-9441 Feb 16 j 17:32	22°♐24'31	
	-9441 Feb 20 j 06:29	0°♌	
evening rise	-9441 Feb 21 j 02:17	1°♌43'54	
	-9441 Mar 08 j 14:53	0°♒	
evening max el	-9441 Mar 21 j 12:46	16°♒11'29	26°03'25
desc. node	-9441 Apr 04 j 02:39	23°♒29'10	
retrograde	-9441 Apr 04 j 15:56	23°♒29'55	
evening set	-9441 Apr 10 j 10:29	22°♒07'46	
min. Earth dist.	-9441 Apr 15 j 02:00	19°♒17'50	0.58772 AU
inferior conj	-9441 Apr 18 j 09:33	16°♒47'59	-3°07'43
minimum elong	-9441 Apr 18 j 05:59	16°♒54'47	3°07'33
morning rise	-9441 Apr 26 j 04:28	12°♒19'27	
direct	-9441 Apr 28 j 14:04	11°♒59'50	
morning max el	-9441 May 06 j 11:43	15°♒46'08	18°33'52
asc. node	-9441 May 15 j 17:24	28°♒35'32	
	-9441 May 16 j 12:41	0°♓	
morning set	-9441 May 22 j 17:11	11°♓33'06	
superior conj	-9441 May 31 j 21:12	29°♓01'47	1°46'53
minimum elong	-9441 May 31 j 19:30	28°♓53'49	1°46'44
	-9441 Jun 01 j 09:45	0°♈	
max. Earth dist.	-9441 Jun 08 j 00:23	11°♈54'29	1.39694 AU
evening rise	-9441 Jun 12 j 10:04	19°♈27'43	
	-9441 Jun 18 j 20:39	0°♉	
desc. node	-9441 Jul 01 j 00:01	18°♉21'55	
	-9441 Jul 09 j 13:04	0°♊	
evening max el	-9441 Jul 17 j 10:36	9°♊09'04	23°40'00
retrograde	-9441 Jul 28 j 00:49	15°♊25'29	
evening set	-9441 Aug 02 j 05:01	13°♊13'01	
inferior conj	-9441 Aug 07 j 10:46	6°♊57'13	-1°21'36
minimum elong	-9441 Aug 07 j 12:27	6°♊51'29	1°20'29
min. Earth dist.	-9441 Aug 07 j 02:14	7°♊26'29	0.67213 AU
asc. node	-9441 Aug 11 j 17:59	1°♊40'54	
morning rise	-9441 Aug 12 j 19:47	0°♊44'56	
	-9441 Aug 13 j 22:50	30°℞♉	
direct	-9441 Aug 16 j 21:24	29°♉11'40	
	-9441 Aug 20 j 00:37	0°♊	
morning max el	-9441 Aug 25 j 11:27	4°♊18'32	21°13'08
	-9441 Sep 13 j 12:43	0°♋	
morning set	-9441 Sep 24 j 15:02	17°♋00'05	
desc. node	-9441 Sep 26 j 22:27	20°♋38'27	
	-9441 Oct 02 j 18:11	0°♌	
max. Earth dist.	-9441 Oct 02 j 22:11	0°♌16'18	1.42563 AU
superior conj	-9441 Oct 09 j 20:14	11°♌48'03	-1°13'19
minimum elong	-9441 Oct 09 j 15:18	11°♌27'05	1°12'21
	-9441 Oct 20 j 05:34	0°♍	
evening rise	-9441 Oct 21 j 08:42	2°♍01'41	
evening max el	-9441 Nov 07 j 01:11	28°♍22'27	18°07'32
asc. node	-9441 Nov 07 j 16:48	28°♍59'57	
	-9441 Nov 08 j 21:26	0°♎	
retrograde	-9441 Nov 13 j 19:35	1°♎53'50	
evening set	-9441 Nov 16 j 09:59	1°♎22'37	
	-9441 Nov 18 j 21:29	30°℞♍	
inferior conj	-9441 Nov 23 j 03:59	26°♍17'06	3°52'10
minimum elong	-9441 Nov 23 j 00:47	26°♍24'50	3°51'46
min. Earth dist.	-9441 Nov 26 j 00:39	23°♍31'08	0.61778 AU
morning rise	-9441 Nov 29 j 14:31	20°♍33'40	
direct	-9441 Dec 06 j 16:12	18°♍05'07	
morning max el	-9441 Dec 20 j 13:34	25°♍37'13	27°32'21
desc. node	-9441 Dec 23 j 23:34	29°♍11'38	
	-9441 Dec 24 j 16:39	0°♎	
	-9440 Jan 13 j 20:43	0°♏	
morning set	-9440 Jan 22 j 06:01	16°♏09'00	
max. Earth dist.	-9440 Jan 28 j 06:30	28°♏51'50	1.32941 AU
	-9440 Jan 28 j 19:06	0°♐	
superior conj	-9440 Jan 29 j 12:28	1°♐34'14	-0°48'16
minimum elong	-9440 Jan 29 j 14:19	1°♐44'18	0°48'24
asc. node	-9440 Feb 03 j 14:43	12°♐36'32	
evening rise	-9440 Feb 05 j 13:10	16°♐43'00	
	-9440 Feb 12 j 05:10	0°♌	
evening max el	-9440 Mar 02 j 07:28	27°♌16'23	24°42'39
	-9440 Mar 05 j 11:41	0°♒	
retrograde	-9440 Mar 16 j 05:50	4°♒16'13	
evening set	-9440 Mar 20 j 21:20	3°♒27'13	
desc. node	-9440 Mar 20 j 23:49	3°♒25'03	
min. Earth dist.	-9440 Mar 26 j 20:37	0°♒23'28	0.57006 AU
	-9440 Mar 27 j 11:13	30°℞♌	
inferior conj	-9440 Mar 29 j 14:11	28°♌36'12	-2°06'21
minimum elong	-9440 Mar 29 j 10:03	28°♌43'00	2°05'47
morning rise	-9440 Apr 07 j 01:56	24°♌24'57	
direct	-9440 Apr 09 j 08:32	24°♌10'11	
morning max el	-9440 Apr 18 j 13:27	28°♌30'00	19°19'56
	-9440 Apr 20 j 00:59	0°♒	
asc. node	-9440 May 01 j 14:16	17°♒51'18	
morning set	-9440 May 05 j 14:35	25°♒39'29	
	-9440 May 07 j 18:55	0°♓	
superior conj	-9440 May 13 j 23:07	12°♓13'29	1°35'24
minimum elong	-9440 May 13 j 20:18	11°♓59'47	1°34'56
max. Earth dist.	-9440 May 20 j 01:14	23°♓45'58	1.37830 AU
	-9440 May 23 j 11:57	0°♈	
evening rise	-9440 May 24 j 00:21	0°♈54'57	
	-9440 Jun 11 j 01:56	0°♉	
desc. node	-9440 Jun 16 j 21:24	8°♉10'52	
evening max el	-9440 Jun 28 j 20:42	22°♉32'23	24°59'47
retrograde	-9440 Jul 10 j 12:56	29°♉23'03	
evening set	-9440 Jul 16 j 08:08	26°♉51'54	
min. Earth dist.	-9440 Jul 20 j 19:43	21°♉42'35	0.66893 AU
inferior conj	-9440 Jul 21 j 15:38	20°♉36'22	-2°06'14
minimum elong	-9440 Jul 21 j 18:01	20°♉28'27	2°05'04
morning rise	-9440 Jul 27 j 03:52	14°♉32'48	
asc. node	-9440 Jul 28 j 14:57	13°♉43'28	
direct	-9440 Jul 30 j 18:57	13°♉16'26	
morning max el	-9440 Aug 07 j 10:48	17°♉45'06	20°03'17
	-9440 Aug 16 j 23:14	0°♊	
morning set	-9440 Sep 02 j 16:28	25°♊23'09	
	-9440 Sep 05 j 15:32	0°♋	
desc. node	-9440 Sep 12 j 19:25	11°♋17'07	
max. Earth dist.	-9440 Sep 14 j 09:54	13°♋50'27	1.43880 AU
superior conj	-9440 Sep 19 j 03:20	21°♋27'23	-0°38'03
minimum elong	-9440 Sep 18 j 23:24	21°♋11'23	0°37'01
	-9440 Sep 24 j 08:11	0°♌	
evening rise	-9440 Oct 02 j 14:25	13°♌55'42	
	-9440 Oct 12 j 02:59	0°♍	
evening max el	-9440 Oct 20 j 14:27	11°♍42'29	18°15'39
asc. node	-9440 Oct 24 j 14:06	14°♍41'28	
retrograde	-9440 Oct 27 j 04:44	15°♍16'59	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9440 Oct 29 j 22:38	14°♍37'43		
inferior conj	-9440 Nov 05 j 06:16	9°♍12'47	3°16'05	
minimum elong	-9440 Nov 05 j 02:37	9°♍22'44	3°15'26	
min. Earth dist.	-9440 Nov 07 j 14:03	6°♍41'28	0.63448 AU	
morning rise	-9440 Nov 11 j 05:53	3°♍15'54		
direct	-9440 Nov 18 j 06:17	0°♍31'56		
morning max el	-9440 Dec 01 j 20:57	8°♍06'24	27°32'13	
desc. node	-9440 Dec 09 j 20:18	17°♍09'45		
	-9440 Dec 18 j 22:51	0°♎		
	-9439 Jan 04 j 23:40	0°♏		
morning set	-9439 Jan 05 j 05:28	0°♏28'55		
max. Earth dist.	-9439 Jan 10 j 12:47	11°♏23'21	1.33500 AU	
superior conj	-9439 Jan 12 j 21:15	16°♏23'37	-1°08'13	
minimum elong	-9439 Jan 12 j 23:33	16°♏35'57	1°08'14	
	-9439 Jan 19 j 05:38	0°♐		
evening rise	-9439 Jan 20 j 00:31	1°♐39'27		
asc. node	-9439 Jan 20 j 11:57	2°♐39'14		
	-9439 Feb 05 j 00:32	0°♑		
evening max el	-9439 Feb 12 j 00:43	8°♑06'36	23°09'44	
retrograde	-9439 Feb 25 j 06:54	14°♑34'25		
evening set	-9439 Feb 28 j 20:20	14°♑06'43		
desc. node	-9439 Mar 07 j 20:54	11°♑00'08		
min. Earth dist.	-9439 Mar 08 j 12:19	10°♑37'51	0.55790 AU	
inferior conj	-9439 Mar 09 j 23:53	9°♑45'37	-0°33'18	
minimum elong	-9439 Mar 09 j 22:27	9°♑47'44	0°33'23	
morning rise	-9439 Mar 19 j 02:40	5°♑44'00		
direct	-9439 Mar 21 j 09:36	5°♑31'13		
morning max el	-9439 Apr 01 j 05:28	10°♑37'37	20°25'49	
	-9439 Apr 14 j 14:31	0°♒		
asc. node	-9439 Apr 18 j 11:11	7°♒30'45		
morning set	-9439 Apr 19 j 19:09	10°♒12'07		
superior conj	-9439 Apr 27 j 13:47	26°♒07'13	1°18'12	
minimum elong	-9439 Apr 27 j 10:53	25°♒52'33	1°17'27	
	-9439 Apr 29 j 12:08	0°♓		
max. Earth dist.	-9439 May 02 j 07:28	5°♓31'00	1.36154 AU	
evening rise	-9439 May 06 j 12:54	13°♓31'38		
	-9439 May 15 j 22:46	0°♈		
desc. node	-9439 Jun 03 j 18:47	27°♈29'45		
	-9439 Jun 05 j 20:08	0°♉		
evening max el	-9439 Jun 11 j 06:52	5°♉57'17	26°09'12	
retrograde	-9439 Jun 23 j 20:33	13°♉12'02		
evening set	-9439 Jun 30 j 05:35	10°♉27'41		
min. Earth dist.	-9439 Jul 04 j 08:32	5°♉57'37	0.66220 AU	
inferior conj	-9439 Jul 05 j 17:14	4°♉14'39	-2°45'08	
minimum elong	-9439 Jul 05 j 19:56	4°♉06'06	2°44'09	
	-9439 Jul 09 j 09:48	30°♈		
morning rise	-9439 Jul 11 j 10:23	28°♈23'00		
direct	-9439 Jul 14 j 16:56	27°♈21'17		
asc. node	-9439 Jul 15 j 11:51	27°♈24'46		
	-9439 Jul 20 j 07:19	0°♉		
morning max el	-9439 Jul 21 j 16:42	1°♉19'31	19°07'24	
	-9439 Aug 10 j 11:08	0°♊		
morning set	-9439 Aug 13 j 04:42	4°♊19'42		
max. Earth dist.	-9439 Aug 28 j 02:08	27°♊51'48	1.44563 AU	
superior conj	-9439 Aug 29 j 10:15	29°♊58'57	0°07'40	
minimum elong	-9439 Aug 29 j 11:17	0°♋03'02	0°08'06	
behind sun begin	-9439 Aug 29 j 01:18	29°♊23'29		
behind sun end	-9439 Aug 29 j 21:16	0°♋42'36		
	-9439 Aug 29 j 10:31	0°♋		
desc. node	-9439 Aug 30 j 16:28	1°♋58'43		
evening rise	-9439 Sep 13 j 20:53	24°♋45'56		
	-9439 Sep 17 j 01:58	0°♌		
evening max el	-9439 Oct 04 j 03:07	25°♌08'41	18°41'43	
retrograde	-9439 Oct 10 j 20:48	28°♌55'16		
asc. node	-9439 Oct 11 j 11:20	28°♌53'12		
evening set	-9439 Oct 13 j 20:13	28°♌05'31		
inferior conj	-9439 Oct 19 j 19:09	22°♌24'14	2°30'55	
minimum elong	-9439 Oct 19 j 15:56	22°♌33'49	2°30'17	
min. Earth dist.	-9439 Oct 21 j 13:29	20°♌18'07	0.64823 AU	
morning rise	-9439 Oct 25 j 11:12	16°♌16'38		
direct	-9439 Nov 01 j 03:02	13°♌30'45		
morning max el	-9439 Nov 14 j 06:51	21°♌02'10	26°59'43	
	-9439 Nov 22 j 04:12	0°♍		
desc. node	-9439 Nov 26 j 17:01	6°♍01'19		
	-9439 Dec 12 j 00:40	0°♎		
morning set	-9439 Dec 19 j 19:13	14°♎15'12		
max. Earth dist.	-9439 Dec 24 j 09:59	23°♎23'31	1.34465 AU	
	-9439 Dec 27 j 14:59	0°♏		
superior conj	-9439 Dec 28 j 01:35	0°♏55'26	-1°25'00	
minimum elong	-9439 Dec 28 j 03:54	1°♏07'31	1°24'59	
evening rise	-9438 Jan 04 j 10:39	16°♏27'11		
asc. node	-9438 Jan 07 j 09:13	22°♏27'21		
	-9438 Jan 11 j 07:39	0°♐		
evening max el	-9438 Jan 24 j 21:57	19°♐06'20	21°38'07	
retrograde	-9438 Feb 05 j 22:45	24°♐49'28		
evening set	-9438 Feb 08 j 18:56	24°♐31'16		
inferior conj	-9438 Feb 17 j 21:50	20°♐29'12	1°15'53	
minimum elong	-9438 Feb 18 j 01:06	20°♐24'34	1°14'17	
min. Earth dist.	-9438 Feb 18 j 02:45	20°♐22'14	0.55378 AU	
desc. node	-9438 Feb 22 j 17:56	17°♐54'52		
morning rise	-9438 Feb 27 j 07:19	16°♐22'21		
direct	-9438 Mar 02 j 00:05	16°♐06'09		
morning max el	-9438 Mar 14 j 10:27	22°♐04'40	21°49'21	
	-9438 Mar 21 j 03:49	0°♑		
morning set	-9438 Apr 04 j 04:18	25°♑02'26		
asc. node	-9438 Apr 05 j 08:06	27°♑26'56		
	-9438 Apr 06 j 13:20	0°♒		
superior conj	-9438 Apr 11 j 13:21	10°♒30'47	0°57'25	
minimum elong	-9438 Apr 11 j 11:00	10°♒18'31	0°56'32	
max. Earth dist.	-9438 Apr 14 j 22:52	17°♒30'54	1.34794 AU	
evening rise	-9438 Apr 19 j 17:56	27°♒00'33		
	-9438 Apr 21 j 07:35	0°♓		
	-9438 May 09 j 05:57	0°♈		
desc. node	-9438 May 21 j 16:10	16°♈05'09		
evening max el	-9438 May 24 j 17:37	19°♈16'28	27°00'00	
retrograde	-9438 Jun 06 j 23:13	26°♈44'38		
evening set	-9438 Jun 13 j 18:47	23°♈56'29		
min. Earth dist.	-9438 Jun 17 j 14:33	20°♈04'49	0.65155 AU	
inferior conj	-9438 Jun 19 j 13:21	17°♈48'09	-3°16'20	
minimum elong	-9438 Jun 19 j 15:51	17°♈40'50	3°15'46	
morning rise	-9438 Jun 25 j 13:16	12°♈11'12		
direct	-9438 Jun 28 j 13:11	11°♈21'49		
asc. node	-9438 Jul 02 j 08:42	12°♈38'25		
morning max el	-9438 Jul 05 j 03:33	14°♈58'40	18°27'37	
	-9438 Jul 15 j 21:58	0°♉		
morning set	-9438 Jul 24 j 16:34	14°♉22'47		
	-9438 Aug 03 j 06:45	0°♊		
superior conj	-9438 Aug 08 j 10:13	8°♊13'32	0°53'21	
minimum elong	-9438 Aug 08 j 16:06	8°♊36'55	0°53'12	
max. Earth dist.	-9438 Aug 10 j 19:05	11°♊59'06	1.44533 AU	
desc. node	-9438 Aug 17 j 13:35	22°♊40'00		
	-9438 Aug 22 j 05:33	0°♋		
evening rise	-9438 Aug 25 j 00:35	4°♋23'16		
greatest brilliancy	-9438 Sep 03 j 21:57	19°♋50'40	-0.8m	
	-9438 Sep 10 j 16:48	0°♌		
evening max el	-9438 Sep 17 j 12:31	8°♌36'40	19°24'39	
retrograde	-9438 Sep 24 j 16:28	12°♌43'52		
evening set	-9438 Sep 27 j 23:43	11°♌40'35		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9438 Sep 28 j 08:29	11°♌25'52	
inferior conj	-9438 Oct 03 j 15:40	5°♌46'24	1°40'50
minimum elong	-9438 Oct 03 j 13:24	5°♌53'39	1°40'29
min. Earth dist.	-9438 Oct 04 j 21:32	4°♌10'56	0.65880 AU
	-9438 Oct 08 j 14:07	30°℞♋	
morning rise	-9438 Oct 09 j 02:46	29°♋31'24	
direct	-9438 Oct 15 j 05:54	26°♋53'58	
	-9438 Oct 22 j 21:34	0°♌	
morning max el	-9438 Oct 27 j 16:52	4°♌11'54	26°01'19
desc. node	-9438 Nov 13 j 13:45	25°♌30'43	
	-9438 Nov 16 j 13:53	0°♍	
morning set	-9438 Dec 02 j 19:08	27°♍15'24	
	-9438 Dec 04 j 06:30	0°♎	
max. Earth dist.	-9438 Dec 06 j 19:54	4°♎52'17	1.35860 AU
superior conj	-9438 Dec 11 j 23:01	15°♎01'53	-1°37'18
minimum elong	-9438 Dec 12 j 00:44	15°♎10'35	1°37'17
	-9438 Dec 19 j 05:58	0°♏	
evening rise	-9438 Dec 19 j 17:46	1°♏00'20	
asc. node	-9438 Dec 25 j 06:28	11°♏54'47	
	-9437 Jan 06 j 13:25	0°♐	
evening max el	-9437 Jan 07 j 03:53	0°♐34'56	20°18'21
retrograde	-9437 Jan 17 j 14:46	5°♐29'32	
evening set	-9437 Jan 20 j 04:04	5°♐13'13	
inferior conj	-9437 Jan 28 j 21:07	1°♐13'35	2°51'56
minimum elong	-9437 Jan 29 j 02:47	1°♐05'04	2°50'03
min. Earth dist.	-9437 Jan 30 j 16:49	0°♐08'06	0.55854 AU
	-9437 Jan 30 j 22:18	30°℞♏	
morning rise	-9437 Feb 06 j 23:41	26°♏46'03	
desc. node	-9437 Feb 09 j 14:52	26°♏18'19	
direct	-9437 Feb 10 j 16:42	26°♏15'43	
	-9437 Feb 20 j 17:17	0°♐	
morning max el	-9437 Feb 24 j 05:52	2°♐58'14	23°24'34
	-9437 Mar 14 j 16:15	0°♑	
morning set	-9437 Mar 19 j 16:02	10°♑03'49	
asc. node	-9437 Mar 23 j 05:05	17°♑34'54	
superior conj	-9437 Mar 26 j 18:59	25°♑15'19	0°34'35
minimum elong	-9437 Mar 26 j 17:32	25°♑07'30	0°33'45
max. Earth dist.	-9437 Mar 29 j 00:08	29°♑57'19	1.33794 AU
	-9437 Mar 29 j 00:38	0°♒	
evening rise	-9437 Apr 03 j 10:48	11°♒07'45	
	-9437 Apr 13 j 15:24	0°♓	
	-9437 May 04 j 21:02	0°♈	
evening max el	-9437 May 07 j 04:02	2°♈20'19	27°24'49
desc. node	-9437 May 08 j 13:31	3°♈38'46	
retrograde	-9437 May 20 j 20:23	9°♈52'24	
evening set	-9437 May 27 j 20:40	7°♈13'18	
min. Earth dist.	-9437 May 31 j 12:10	3°♈54'39	0.63699 AU
inferior conj	-9437 Jun 03 j 01:27	1°♈12'21	-3°37'02
minimum elong	-9437 Jun 03 j 03:02	1°♈08'09	3°36'56
	-9437 Jun 04 j 05:04	30°℞♓	
morning rise	-9437 Jun 09 j 10:13	25°♓52'29	
direct	-9437 Jun 12 j 05:08	25°♓13'15	
morning max el	-9437 Jun 18 j 17:09	28°♓38'13	18°05'16
asc. node	-9437 Jun 19 j 05:31	29°♓09'54	
	-9437 Jun 19 j 23:45	0°♈	
morning set	-9437 Jul 06 j 05:54	25°♈37'24	
	-9437 Jul 08 j 19:00	0°♉	
superior conj	-9437 Jul 19 j 01:24	17°♉14'16	1°27'38
minimum elong	-9437 Jul 19 j 07:20	17°♉38'35	1°27'31
max. Earth dist.	-9437 Jul 24 j 09:50	25°♉54'59	1.43811 AU
	-9437 Jul 26 j 23:14	0°♊	
evening rise	-9437 Aug 04 j 06:26	13°♊01'05	
desc. node	-9437 Aug 04 j 10:46	13°♊17'54	
	-9437 Aug 15 j 09:07	0°♋	
evening max el	-9437 Aug 31 j 16:34	22°♋03'37	20°22'44
retrograde	-9437 Sep 08 j 13:15	26°♋39'30	
evening set	-9437 Sep 12 j 06:40	25°♋19'29	
asc. node	-9437 Sep 15 j 05:36	22°♋27'38	
inferior conj	-9437 Sep 17 j 17:25	19°♋15'36	0°48'38
minimum elong	-9437 Sep 17 j 16:18	19°♋19'20	0°48'45
min. Earth dist.	-9437 Sep 18 j 11:56	18°♋13'30	0.66635 AU
morning rise	-9437 Sep 23 j 01:41	12°♋56'51	
direct	-9437 Sep 28 j 14:25	10°♋34'45	
morning max el	-9437 Oct 10 j 02:09	17°♋25'37	24°45'30
	-9437 Oct 20 j 15:12	0°♌	
desc. node	-9437 Oct 31 j 10:28	15°♌26'29	
	-9437 Nov 09 j 14:17	0°♍	
morning set	-9437 Nov 14 j 23:53	9°♍13'46	
max. Earth dist.	-9437 Nov 18 j 20:13	16°♍07'23	1.37647 AU
superior conj	-9437 Nov 25 j 10:15	28°♍32'38	-1°43'23
minimum elong	-9437 Nov 25 j 10:37	28°♍34'26	1°43'18
	-9437 Nov 26 j 04:11	0°♎	
evening rise	-9437 Dec 03 j 19:46	15°♎12'08	
	-9437 Dec 11 j 15:19	0°♏	
asc. node	-9437 Dec 12 j 03:46	0°♏53'18	
evening max el	-9437 Dec 20 j 20:02	12°♏37'15	19°16'04
retrograde	-9437 Dec 29 j 18:11	16°♏51'23	
evening set	-9436 Jan 01 j 06:20	16°♏32'51	
inferior conj	-9436 Jan 09 j 09:36	12°♏21'07	3°52'36
minimum elong	-9436 Jan 09 j 13:31	12°♏14'29	3°51'45
min. Earth dist.	-9436 Jan 12 j 06:58	10°♏24'24	0.57099 AU
morning rise	-9436 Jan 17 j 18:25	7°♏28'02	
direct	-9436 Jan 22 j 19:54	6°♏28'47	
desc. node	-9436 Jan 27 j 11:44	7°♏19'23	
morning max el	-9436 Feb 05 j 20:35	13°♏37'31	25°00'32
	-9436 Feb 18 j 15:45	0°♐	
morning set	-9436 Mar 03 j 04:30	25°♐08'53	
	-9436 Mar 05 j 11:20	0°♑	
asc. node	-9436 Mar 09 j 02:06	7°♑49'21	
superior conj	-9436 Mar 10 j 04:27	10°♑12'21	0°10'51
minimum elong	-9436 Mar 10 j 04:00	10°♑09'56	0°10'11
behind sun begin	-9436 Mar 10 j 00:07	9°♑48'49	
behind sun end	-9436 Mar 10 j 07:54	10°♑31'03	
max. Earth dist.	-9436 Mar 11 j 09:02	12°♑47'04	1.33136 AU
evening rise	-9436 Mar 17 j 11:52	25°♑40'36	
	-9436 Mar 19 j 15:30	0°♒	
	-9436 Apr 06 j 04:40	0°♓	
evening max el	-9436 Apr 18 j 11:56	14°♓57'04	27°18'32
desc. node	-9436 Apr 24 j 10:49	19°♓45'13	
retrograde	-9436 May 02 j 10:52	22°♓26'41	
evening set	-9436 May 09 j 07:43	20°♓10'18	
min. Earth dist.	-9436 May 13 j 00:34	17°♓14'18	0.61906 AU
inferior conj	-9436 May 16 j 02:27	14°♓20'45	-3°43'02
minimum elong	-9436 May 16 j 02:19	14°♓21'05	3°43'15
morning rise	-9436 May 22 j 22:25	9°♓19'59	
direct	-9436 May 25 j 13:31	8°♓49'15	
morning max el	-9436 Jun 01 j 07:01	12°♓12'34	18°01'18
asc. node	-9436 Jun 05 j 02:20	16°♓43'33	
	-9436 Jun 13 j 06:59	0°♈	
morning set	-9436 Jun 17 j 16:53	7°♈54'46	
superior conj	-9436 Jun 28 j 19:08	27°♈33'37	1°45'54
minimum elong	-9436 Jun 28 j 21:51	27°♈45'15	1°45'59
	-9436 Jun 30 j 05:22	0°♉	
max. Earth dist.	-9436 Jul 05 j 20:16	9°♉24'16	1.42500 AU
evening rise	-9436 Jul 13 j 08:48	21°♉30'17	
	-9436 Jul 18 j 19:59	0°♊	
desc. node	-9436 Jul 21 j 08:03	3°♊48'55	
	-9436 Aug 08 j 19:19	0°♋	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening max el	-9436 Aug 13 j 14:01	5°♋28'03	21°33'26
retrograde	-9436 Aug 22 j 09:15	10°♋40'06	
evening set	-9436 Aug 26 j 15:01	9°♋00'28	
inferior conj	-9436 Aug 31 j 22:20	2°♋49'51	-0°03'31
minimum elong	-9436 Aug 31 j 22:24	2°♋49'38	0°02'55
transit middle	-9436 Aug 31 j 22:24	2°♋49'38	0°02'55
transit begin	-9436 Aug 31 j 19:44	2°♋58'48	
transit end	-9436 Sep 01 j 01:04	2°♋40'29	
asc. node	-9436 Sep 01 j 02:38	2°♋35'04	
min. Earth dist.	-9436 Sep 01 j 06:16	2°♋22'34	0.67097 AU
	-9436 Sep 03 j 00:48	30°℞♊	
morning rise	-9436 Sep 06 j 05:37	26°♊31'01	
direct	-9436 Sep 11 j 03:47	24°♊27'44	
	-9436 Sep 20 j 20:00	0°♋	
morning max el	-9436 Sep 21 j 12:13	0°♋40'30	23°21'38
	-9436 Oct 13 j 14:07	0°♌	
desc. node	-9436 Oct 17 j 07:16	5°♌41'16	
morning set	-9436 Oct 26 j 03:59	19°♌57'09	
max. Earth dist.	-9436 Oct 30 j 17:55	27°♌44'39	1.39652 AU
	-9436 Nov 01 j 00:57	0°♍	
superior conj	-9436 Nov 07 j 07:03	11°♍16'23	-1°40'56
minimum elong	-9436 Nov 07 j 05:19	11°♍08'22	1°40'37
evening rise	-9436 Nov 16 j 14:13	28°♍56'55	
	-9436 Nov 17 j 03:21	0°♎	
asc. node	-9436 Nov 28 j 01:03	19°♎13'35	
evening max el	-9436 Dec 02 j 21:23	25°♎10'22	18°33'34
retrograde	-9436 Dec 10 j 15:33	28°♎57'59	
evening set	-9436 Dec 13 j 03:54	28°♎35'27	
inferior conj	-9436 Dec 20 j 17:12	24°♎03'32	4°14'39
minimum elong	-9436 Dec 20 j 17:36	24°♎02'45	4°14'29
min. Earth dist.	-9436 Dec 23 j 23:28	21°♎31'23	0.58830 AU
morning rise	-9436 Dec 28 j 05:29	18°♎47'44	
direct	-9435 Jan 03 j 10:48	17°♎10'31	
desc. node	-9435 Jan 13 j 08:34	20°♎58'21	
morning max el	-9435 Jan 17 j 13:19	24°♎31'41	26°22'22
	-9435 Jan 22 j 14:28	0°♏	
	-9435 Feb 10 j 14:44	0°♐	
morning set	-9435 Feb 15 j 15:59	10°♐11'05	
superior conj	-9435 Feb 22 j 15:53	25°♐15'10	-0°12'54
minimum elong	-9435 Feb 22 j 16:27	25°♐18'15	0°13'21
behind sun begin	-9435 Feb 22 j 13:47	25°♐03'40	
behind sun end	-9435 Feb 22 j 19:07	25°♐32'50	
max. Earth dist.	-9435 Feb 22 j 22:06	25°♐49'05	1.32800 AU
asc. node	-9435 Feb 23 j 23:12	28°♐06'04	
	-9435 Feb 24 j 20:09	0°♑	
evening rise	-9435 Mar 01 j 18:22	10°♑29'29	
	-9435 Mar 11 j 23:09	0°♒	
evening max el	-9435 Mar 31 j 14:56	26°♒56'40	26°39'28
	-9435 Apr 04 j 03:34	0°♓	
desc. node	-9435 Apr 11 j 08:06	3°♓51'20	
retrograde	-9435 Apr 14 j 17:14	4°♓20'05	
evening set	-9435 Apr 21 j 00:31	2°♓36'53	
	-9435 Apr 24 j 22:36	30°℞♒	
min. Earth dist.	-9435 Apr 25 j 04:06	29°♒49'20	0.59917 AU
inferior conj	-9435 Apr 28 j 12:44	27°♒04'28	-3°28'23
minimum elong	-9435 Apr 28 j 10:19	27°♒09'26	3°28'30
morning rise	-9435 May 05 j 22:32	22°♒24'16	
direct	-9435 May 08 j 10:20	22°♒00'48	
morning max el	-9435 May 15 j 18:28	25°♒34'24	18°16'24
	-9435 May 19 j 13:37	0°♓	
asc. node	-9435 May 22 j 23:11	5°♓05'21	
morning set	-9435 May 31 j 20:31	21°♓02'36	
	-9435 Jun 05 j 14:57	0°♈	
superior conj	-9435 Jun 10 j 14:52	9°♈11'09	1°49'45
minimum elong	-9435 Jun 10 j 14:24	9°♈09'02	1°49'47
max. Earth dist.	-9435 Jun 18 j 01:11	22°♈14'08	1.40779 AU
	-9435 Jun 22 j 16:30	0°♉	
evening rise	-9435 Jun 23 j 04:46	0°♉50'16	
desc. node	-9435 Jul 08 j 05:22	24°♉08'15	
	-9435 Jul 12 j 06:55	0°♊	
evening max el	-9435 Jul 27 j 05:06	18°♊49'26	22°52'43
retrograde	-9435 Aug 06 j 03:03	24°♊42'16	
evening set	-9435 Aug 10 j 22:51	22°♊41'30	
inferior conj	-9435 Aug 16 j 04:37	16°♊26'49	-0°53'56
minimum elong	-9435 Aug 16 j 05:45	16°♊22'53	0°52'58
min. Earth dist.	-9435 Aug 16 j 02:08	16°♊35'24	0.67263 AU
asc. node	-9435 Aug 18 j 23:39	12°♊45'46	
morning rise	-9435 Aug 21 j 12:34	10°♊11'22	
direct	-9435 Aug 25 j 21:10	8°♊27'36	
morning max el	-9435 Sep 04 j 01:56	13°♊57'57	21°58'10
	-9435 Sep 16 j 17:48	0°♋	
desc. node	-9435 Oct 04 j 04:07	26°♋08'38	
morning set	-9435 Oct 06 j 04:59	29°♋22'19	
	-9435 Oct 06 j 14:25	0°♌	
max. Earth dist.	-9435 Oct 12 j 19:43	10°♌08'32	1.41591 AU
superior conj	-9435 Oct 20 j 07:54	22°♌58'05	-1°27'15
minimum elong	-9435 Oct 20 j 03:50	22°♌40'15	1°26'32
	-9435 Oct 24 j 06:51	0°♍	
evening rise	-9435 Oct 30 j 21:53	12°♍06'53	
	-9435 Nov 10 j 01:10	0°♎	
asc. node	-9435 Nov 14 j 22:20	6°♎43'55	
evening max el	-9435 Nov 16 j 05:35	8°♎07'22	18°11'19
retrograde	-9435 Nov 23 j 06:05	11°♎41'47	
evening set	-9435 Nov 25 j 19:17	11°♎14'12	
inferior conj	-9435 Dec 02 j 19:52	6°♎20'25	4°06'33
minimum elong	-9435 Dec 02 j 17:33	6°♎25'39	4°06'18
min. Earth dist.	-9435 Dec 05 j 22:11	3°♎33'38	0.60717 AU
morning rise	-9435 Dec 09 j 14:29	0°♎45'50	
	-9435 Dec 10 j 22:19	30°℞♍	
direct	-9435 Dec 16 j 12:00	28°♍33'09	
	-9435 Dec 22 j 07:54	0°♎	
morning max el	-9435 Dec 30 j 12:19	6°♎02'05	27°16'45
desc. node	-9435 Dec 31 j 05:22	6°♎43'56	
	-9434 Jan 17 j 13:26	0°♏	
morning set	-9434 Jan 31 j 00:38	25°♏03'49	
	-9434 Feb 02 j 09:10	0°♐	
max. Earth dist.	-9434 Feb 06 j 11:33	8°♐50'16	1.32785 AU
superior conj	-9434 Feb 07 j 03:39	10°♐18'01	-0°35'48
minimum elong	-9434 Feb 07 j 05:05	10°♐25'54	0°36'01
asc. node	-9434 Feb 10 j 20:21	18°♐21'01	
evening rise	-9434 Feb 14 j 04:12	25°♐26'48	
	-9434 Feb 16 j 09:08	0°♑	
	-9434 Mar 06 j 04:48	0°♒	
evening max el	-9434 Mar 13 j 12:04	8°♒18'17	25°31'24
retrograde	-9434 Mar 27 j 13:56	15°♒30'24	
desc. node	-9434 Mar 29 j 05:18	15°♒23'55	
evening set	-9434 Apr 01 j 21:45	14°♒23'03	
min. Earth dist.	-9434 Apr 07 j 00:59	11°♒28'59	0.57971 AU
inferior conj	-9434 Apr 10 j 04:49	9°♒14'56	-2°45'52
minimum elong	-9434 Apr 10 j 00:42	9°♒22'18	2°45'28
morning rise	-9434 Apr 18 j 06:52	4°♒54'40	
direct	-9434 Apr 20 j 15:10	4°♒37'20	
morning max el	-9434 Apr 29 j 00:42	8°♒35'35	18°51'07
asc. node	-9434 May 09 j 20:04	24°♒04'22	
	-9434 May 13 j 00:22	0°♓	
morning set	-9434 May 15 j 12:31	4°♓50'38	
superior conj	-9434 May 24 j 07:27	21°♓53'44	1°42'53
minimum elong	-9434 May 24 j 05:07	21°♓42'41	1°42'37

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9434 May 28 j 15:51	0°♈	
max. Earth dist.	-9434 May 31 j 01:59	4°♈22'36	1.38889 AU
evening rise	-9434 Jun 04 j 03:54	11°♈31'25	
	-9434 Jun 15 j 12:01	0°♉	
desc. node	-9434 Jun 25 j 02:43	14°♉10'36	
	-9434 Jul 07 j 13:59	0°♊	
evening max el	-9434 Jul 09 j 16:00	2°♊10'57	24°14'28
retrograde	-9434 Jul 20 j 17:37	8°♊43'12	
evening set	-9434 Jul 26 j 04:18	6°♊22'01	
inferior conj	-9434 Jul 31 j 10:31	0°♊05'53	-1°41'08
minimum elong	-9434 Jul 31 j 12:32	29°♉59'03	1°39'57
min. Earth dist.	-9434 Jul 30 j 21:11	0°♊51'09	0.67125 AU
	-9434 Jul 31 j 12:16	30°℞♉	
morning rise	-9434 Aug 05 j 20:44	23°♉57'04	
asc. node	-9434 Aug 05 j 20:40	23°♉57'13	
direct	-9434 Aug 09 j 17:32	22°♉31'30	
morning max el	-9434 Aug 17 j 21:36	27°♉21'21	20°41'51
	-9434 Aug 20 j 06:52	0°♊	
	-9434 Sep 10 j 07:16	0°♋	
morning set	-9434 Sep 15 j 09:56	7°♋53'33	
desc. node	-9434 Sep 21 j 01:01	16°♋44'14	
max. Earth dist.	-9434 Sep 25 j 03:44	23°♋19'24	1.43194 AU
	-9434 Sep 29 j 05:57	0°♌	
superior conj	-9434 Oct 01 j 07:09	3°♌23'45	-0°59'59
minimum elong	-9434 Oct 01 j 02:08	3°♌02'55	0°58'55
evening rise	-9434 Oct 13 j 14:35	24°♌32'19	
	-9434 Oct 16 j 17:09	0°♍	
evening max el	-9434 Oct 30 j 17:49	21°♍20'58	18°08'41
asc. node	-9434 Nov 01 j 19:37	23°♍09'54	
retrograde	-9434 Nov 06 j 09:42	24°♍52'55	
evening set	-9434 Nov 09 j 01:14	24°♍18'41	
inferior conj	-9434 Nov 15 j 14:36	19°♍04'33	3°38'19
minimum elong	-9434 Nov 15 j 11:05	19°♍13'34	3°37'46
min. Earth dist.	-9434 Nov 18 j 06:03	16°♍22'54	0.62515 AU
morning rise	-9434 Nov 21 j 19:59	13°♍14'42	
direct	-9434 Nov 28 j 22:03	10°♍37'47	
morning max el	-9434 Dec 12 j 17:22	18°♍12'13	27°36'38
desc. node	-9434 Dec 18 j 02:06	24°♍01'52	
	-9434 Dec 22 j 18:35	0°♎	
	-9433 Jan 10 j 06:03	0°♏	
morning set	-9433 Jan 15 j 04:10	9°♏38'20	
max. Earth dist.	-9433 Jan 20 j 21:24	21°♏35'30	1.33122 AU
superior conj	-9433 Jan 22 j 14:00	25°♏14'04	-0°57'04
minimum elong	-9433 Jan 22 j 16:05	25°♏25'22	0°57'08
	-9433 Jan 24 j 18:48	0°♐	
asc. node	-9433 Jan 28 j 17:32	8°♐29'20	
evening rise	-9433 Jan 29 j 15:27	10°♐25'01	
	-9433 Feb 08 j 20:11	0°♑	
evening max el	-9433 Feb 23 j 05:19	19°♑13'08	24°03'51
retrograde	-9433 Mar 08 j 22:47	26°♑02'08	
evening set	-9433 Mar 13 j 02:24	25°♑23'47	
desc. node	-9433 Mar 16 j 02:28	24°♑12'29	
min. Earth dist.	-9433 Mar 19 j 18:12	22°♑10'41	0.56394 AU
inferior conj	-9433 Mar 22 j 00:57	20°♑45'34	-1°30'18
minimum elong	-9433 Mar 21 j 21:32	20°♑50'54	1°29'50
morning rise	-9433 Mar 30 j 19:40	16°♑40'03	
direct	-9433 Apr 02 j 01:27	16°♑26'45	
morning max el	-9433 Apr 11 j 22:40	21°♑05'09	19°45'42
	-9433 Apr 19 j 01:39	0°♒	
asc. node	-9433 Apr 26 j 16:57	13°♒30'41	
morning set	-9433 Apr 29 j 13:16	19°♒08'38	
	-9433 May 04 j 22:18	0°♓	
superior conj	-9433 May 07 j 15:19	5°♓24'43	1°28'41
minimum elong	-9433 May 07 j 12:22	5°♓10'06	1°28'04

max. Earth dist.	-9433 May 13 j 03:51	16°♓05'28	1.37078 AU
evening rise	-9433 May 17 j 04:20	23°♓29'54	
	-9433 May 20 j 20:40	0°♈	
	-9433 Jun 09 j 04:11	0°♉	
desc. node	-9433 Jun 12 j 00:06	3°♉48'08	
evening max el	-9433 Jun 22 j 01:46	15°♉34'48	25°31'02
retrograde	-9433 Jul 04 j 04:06	22°♉37'58	
evening set	-9433 Jul 10 j 05:21	20°♉00'16	
min. Earth dist.	-9433 Jul 14 j 13:03	15°♉07'23	0.66650 AU
inferior conj	-9433 Jul 15 j 14:16	13°♉45'13	-2°23'34
minimum elong	-9433 Jul 15 j 16:50	13°♉36'49	2°22'26
morning rise	-9433 Jul 21 j 04:22	7°♉46'15	
asc. node	-9433 Jul 23 j 17:36	6°♉41'20	
direct	-9433 Jul 24 j 15:28	6°♉36'34	
morning max el	-9433 Jul 31 j 23:53	10°♉51'42	19°37'35
	-9433 Aug 14 j 23:36	0°♊	
morning set	-9433 Aug 25 j 13:39	16°♊24'47	
	-9433 Sep 03 j 05:34	0°♋	
max. Earth dist.	-9433 Sep 07 j 17:11	7°♋05'33	1.44253 AU
desc. node	-9433 Sep 07 j 21:59	7°♋24'40	
superior conj	-9433 Sep 11 j 02:54	12°♋31'24	-0°19'28
minimum elong	-9433 Sep 11 j 00:41	12°♋22'32	0°18'37
	-9433 Sep 21 j 20:22	0°♌	
evening rise	-9433 Sep 25 j 11:06	6°♌01'06	
	-9433 Oct 10 j 09:28	0°♍	
evening max el	-9433 Oct 14 j 07:12	4°♍44'47	18°24'38
asc. node	-9433 Oct 19 j 16:52	8°♍15'21	
retrograde	-9433 Oct 20 j 22:10	8°♍23'24	
evening set	-9433 Oct 23 j 18:04	7°♍40'10	
inferior conj	-9433 Oct 29 j 21:50	2°♍08'10	2°57'44
minimum elong	-9433 Oct 29 j 18:17	2°♍18'15	2°57'03
	-9433 Oct 31 j 19:02	30°℞♌	
min. Earth dist.	-9433 Oct 31 j 23:59	29°♌46'16	0.64073 AU
morning rise	-9433 Nov 04 j 17:51	26°♌06'17	
direct	-9433 Nov 11 j 15:24	23°♌19'35	
	-9433 Nov 24 j 03:25	0°♍	
morning max el	-9433 Nov 25 j 02:05	0°♍54'23	27°21'56
desc. node	-9433 Dec 04 j 22:48	12°♍25'19	
	-9433 Dec 16 j 19:06	0°♎	
morning set	-9433 Dec 29 j 23:55	23°♎45'28	
	-9432 Jan 02 j 02:38	0°♏	
max. Earth dist.	-9432 Jan 03 j 23:58	3°♏53'25	1.33854 AU
superior conj	-9432 Jan 06 j 21:09	9°♏57'04	-1°15'47
minimum elong	-9432 Jan 06 j 23:31	10°♏09'38	1°15'48
evening rise	-9432 Jan 14 j 02:28	25°♏18'19	
asc. node	-9432 Jan 15 j 14:45	28°♏26'21	
	-9432 Jan 16 j 09:06	0°♐	
	-9432 Feb 04 j 21:40	0°♑	
evening max el	-9432 Feb 04 j 23:39	0°♑04'41	22°29'57
retrograde	-9432 Feb 17 j 19:09	6°♑14'28	
evening set	-9432 Feb 20 j 23:36	5°♑52'16	
min. Earth dist.	-9432 Feb 29 j 09:33	2°♑08'16	0.55504 AU
inferior conj	-9432 Mar 01 j 04:20	1°♑41'19	0°12'40
minimum elong	-9432 Mar 01 j 04:52	1°♑40'33	0°11'54
transit middle	-9432 Mar 01 j 04:52	1°♑40'33	0°11'54
transit begin	-9432 Mar 01 j 02:11	1°♑44'24	
transit end	-9432 Mar 01 j 07:33	1°♑36'41	
desc. node	-9432 Mar 01 j 23:33	1°♑13'49	
	-9432 Mar 04 j 05:10	30°℞♐	
morning rise	-9432 Mar 10 j 11:20	27°♐39'05	
direct	-9432 Mar 12 j 20:47	27°♐25'43	
	-9432 Mar 20 j 18:23	0°♑	
morning max el	-9432 Mar 24 j 09:59	2°♑55'05	20°59'23
	-9432 Apr 10 j 22:53	0°♒	
morning set	-9432 Apr 12 j 19:59	3°♒48'47	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9432 Apr	12 j	13:51	3°♒17'21			-9431 Apr	02 j	14:21	0°♒	
superior conj	-9432 Apr	20 j	10:05	19°♒31'30	1°09'44		superior conj	-9431 Apr	04 j	12:30	4°♒04'22	0°47'54
minimum elong	-9432 Apr	20 j	07:22	19°♒17'31	1°08'54		minimum elong	-9431 Apr	04 j	10:30	3°♒53'49	0°47'01
max. Earth dist.	-9432 Apr	24 j	13:26	27°♒52'53	1.35533 AU		max. Earth dist.	-9431 Apr	07 j	09:27	10°♒04'43	1.34327 AU
	-9432 Apr	25 j	15:15	0°♓			evening rise	-9431 Apr	12 j	11:04	20°♒16'49	
evening rise	-9432 Apr	29 j	00:30	6°♓30'17				-9431 Apr	17 j	14:34	0°♓	
	-9432 May	12 j	14:11	0°♈				-9431 May	06 j	13:04	0°♈	
desc. node	-9432 May	28 j	21:31	22°♈50'08			desc. node	-9431 May	15 j	18:54	11°♈01'53	
evening max el	-9432 Jun	03 j	12:21	28°♈58'25	26°33'42		evening max el	-9431 May	16 j	23:23	12°♈13'06	27°14'15
	-9432 Jun	04 j	14:05	0°♉			retrograde	-9431 May	30 j	09:53	19°♈43'01	
retrograde	-9432 Jun	16 j	09:43	6°♉20'10			evening set	-9431 Jun	06 j	08:22	16°♈57'17	
evening set	-9432 Jun	22 j	23:36	3°♉33'10			min. Earth dist.	-9431 Jun	10 j	01:57	13°♈20'32	0.64579 AU
	-9432 Jun	26 j	09:46	30°℞♈			inferior conj	-9431 Jun	12 j	06:52	10°♈51'59	-3°26'39
min. Earth dist.	-9432 Jun	26 j	23:21	29°♈19'27	0.65810 AU		minimum elong	-9431 Jun	12 j	09:04	10°♈45'46	3°26'17
inferior conj	-9432 Jun	28 j	13:48	27°♈21'45	-2°59'30		morning rise	-9431 Jun	18 j	10:14	5°♈21'52	
minimum elong	-9432 Jun	28 j	16:30	27°♈13'29	2°58'40		direct	-9431 Jun	21 j	07:58	4°♈36'50	
morning rise	-9432 Jul	04 j	09:34	21°♈35'43			asc. node	-9431 Jun	26 j	11:17	6°♈51'14	
direct	-9432 Jul	07 j	13:04	20°♈39'27			morning max el	-9431 Jun	27 j	20:16	8°♈07'13	18°15'59
asc. node	-9432 Jul	09 j	14:28	21°♈02'43				-9431 Jul	12 j	15:08	0°♉	
morning max el	-9432 Jul	14 j	08:01	24°♈27'43	18°48'22		morning set	-9431 Jul	16 j	10:09	6°♉21'59	
	-9432 Jul	18 j	21:22	0°♉								
morning set	-9432 Aug	04 j	11:06	25°♉47'20			superior conj	-9431 Jul	30 j	08:12	29°♉15'19	1°09'45
	-9432 Aug	07 j	02:05	0°♊			minimum elong	-9431 Jul	30 j	14:45	29°♉41'34	1°09'32
								-9431 Jul	30 j	19:20	0°♊	
superior conj	-9432 Aug	20 j	04:07	20°♊48'00	0°27'47		max. Earth dist.	-9431 Aug	03 j	02:59	5°♊18'05	1.44310 AU
minimum elong	-9432 Aug	20 j	07:36	21°♊01'48	0°27'55		desc. node	-9431 Aug	11 j	16:13	18°♊46'45	
max. Earth dist.	-9432 Aug	20 j	10:00	21°♊11'16	1.44640 AU		evening rise	-9431 Aug	15 j	23:25	25°♊29'22	
desc. node	-9432 Aug	24 j	19:03	28°♊06'24				-9431 Aug	18 j	21:05	0°♋	
	-9432 Aug	25 j	23:46	0°♋			greatest brilliancy	-9431 Aug	28 j	01:35	14°♋06'23	-0.7m
evening rise	-9432 Sep	05 j	06:16	16°♋20'24				-9431 Sep	08 j	13:18	0°♌	
	-9432 Sep	13 j	19:33	0°♌			evening max el	-9431 Sep	10 j	02:18	1°♌40'53	19°47'32
evening max el	-9432 Sep	26 j	18:52	18°♌12'40	18°58'01		retrograde	-9431 Sep	17 j	12:23	5°♌58'54	
retrograde	-9432 Oct	03 j	15:58	22°♌06'33			evening set	-9431 Sep	20 j	23:47	4°♌48'41	
asc. node	-9432 Oct	05 j	14:04	21°♌45'24			asc. node	-9431 Sep	22 j	11:12	3°♌37'17	
evening set	-9432 Oct	06 j	18:29	21°♌11'23				-9431 Sep	25 j	15:41	30°℞♋	
inferior conj	-9432 Oct	12 j	14:16	15°♌24'27	2°10'02		inferior conj	-9431 Sep	26 j	13:18	28°♋49'53	1°18'47
minimum elong	-9432 Oct	12 j	11:25	15°♌33'14	2°09'31		minimum elong	-9431 Sep	26 j	11:30	28°♋55'45	1°18'38
min. Earth dist.	-9432 Oct	14 j	03:12	13°♌30'54	0.65321 AU		min. Earth dist.	-9431 Sep	27 j	14:07	27°♋28'43	0.66248 AU
morning rise	-9432 Oct	18 j	03:57	9°♌13'31			morning rise	-9431 Oct	01 j	22:59	22°♋33'05	
direct	-9432 Oct	24 j	14:55	6°♌30'00			direct	-9431 Oct	07 j	20:07	20°♋01'46	
morning max el	-9432 Nov	06 j	12:00	13°♌56'34	26°37'26		morning max el	-9431 Oct	19 j	21:42	27°♋08'53	25°30'36
	-9432 Nov	19 j	16:43	0°♍				-9431 Oct	22 j	14:25	0°♌	
desc. node	-9432 Nov	20 j	19:29	1°♍34'22			desc. node	-9431 Nov	07 j	16:11	21°♌15'59	
	-9432 Dec	08 j	10:36	0°♎				-9431 Nov	13 j	08:24	0°♍	
morning set	-9432 Dec	12 j	08:17	7°♎13'12			morning set	-9431 Nov	25 j	00:43	19°♍48'33	
max. Earth dist.	-9432 Dec	16 j	16:14	15°♎38'05	1.35013 AU		max. Earth dist.	-9431 Nov	28 j	21:52	26°♍58'50	1.36593 AU
								-9431 Nov	30 j	11:57	0°♎	
superior conj	-9432 Dec	20 j	22:53	24°♎18'57	-1°30'51							
minimum elong	-9432 Dec	21 j	01:01	24°♎30'01	1°30'51		superior conj	-9431 Dec	04 j	16:25	8°♎11'19	-1°40'46
	-9432 Dec	23 j	16:28	0°♏			minimum elong	-9431 Dec	04 j	17:40	8°♎17'30	1°40'44
evening rise	-9432 Dec	28 j	11:30	10°♏00'11			evening rise	-9431 Dec	12 j	16:44	24°♎25'04	
asc. node	-9431 Jan	01 j	12:00	18°♏06'09				-9431 Dec	15 j	11:48	0°♏	
	-9431 Jan	08 j	04:10	0°♐			asc. node	-9431 Dec	19 j	09:16	7°♏22'07	
evening max el	-9431 Jan	17 j	00:16	11°♐14'59	21°02'15		evening max el	-9431 Dec	30 j	10:26	22°♏57'03	19°49'20
retrograde	-9431 Jan	28 j	09:00	16°♐36'26			retrograde	-9430 Jan	09 j	04:49	27°♏33'08	
evening set	-9431 Jan	31 j	01:26	16°♐19'38			evening set	-9430 Jan	11 j	17:22	27°♏16'05	
inferior conj	-9431 Feb	09 j	01:02	12°♐21'00	2°00'00		inferior conj	-9430 Jan	20 j	04:41	23°♏12'17	3°22'40
minimum elong	-9431 Feb	09 j	05:49	12°♐14'06	1°58'02		minimum elong	-9430 Jan	20 j	10:02	23°♏03'52	3°21'10
min. Earth dist.	-9431 Feb	09 j	23:34	11°♐48'37	0.55480 AU		min. Earth dist.	-9430 Jan	22 j	13:09	21°♏43'53	0.56309 AU
desc. node	-9431 Feb	16 j	20:31	8°♐31'50			morning rise	-9430 Jan	29 j	00:38	18°♏34'10	
morning rise	-9431 Feb	18 j	09:17	8°♐06'53			direct	-9430 Feb	02 j	07:09	17°♏53'28	
direct	-9431 Feb	21 j	11:04	7°♐46'07			desc. node	-9430 Feb	03 j	17:26	17°♏58'08	
morning max el	-9431 Mar	06 j	10:15	14°♐04'55	22°28'59		morning max el	-9430 Feb	16 j	02:50	24°♏48'33	24°06'19
	-9431 Mar	18 j	10:26	0°♑				-9430 Feb	20 j	21:07	0°♐	
morning set	-9431 Mar	28 j	06:27	18°♑44'19				-9430 Mar	10 j	22:41	0°♑	
asc. node	-9431 Mar	30 j	10:47	23°♑18'52			morning set	-9430 Mar	12 j	18:43	3°♑47'59	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9430 Mar 17 j 07:46	13°♉29'57	
superior conj	-9430 Mar 19 j 20:00	18°♉54'43	0°24'32
minimum elong	-9430 Mar 19 j 18:57	18°♉49'09	0°23'46
max. Earth dist.	-9430 Mar 21 j 14:29	22°♉42'25	1.33470 AU
	-9430 Mar 25 j 01:44	0°♒	
evening rise	-9430 Mar 27 j 07:46	4°♒35'40	
	-9430 Apr 10 j 07:44	0°♓	
evening max el	-9430 Apr 29 j 08:54	25°♓06'00	27°26'10
desc. node	-9430 May 02 j 16:16	28°♓01'49	
	-9430 May 05 j 10:03	0°♈	
retrograde	-9430 May 13 j 04:08	2°♈37'26	
evening set	-9430 May 20 j 04:21	0°♈06'08	
	-9430 May 20 j 07:44	30°℞♓	
min. Earth dist.	-9430 May 23 j 19:25	26°♓59'03	0.62970 AU
inferior conj	-9430 May 26 j 14:37	24°♓09'45	-3°41'41
minimum elong	-9430 May 26 j 15:33	24°♓07'21	3°41'46
morning rise	-9430 Jun 02 j 03:51	18°♓58'03	
direct	-9430 Jun 04 j 21:08	18°♓22'32	
morning max el	-9430 Jun 11 j 10:20	21°♓45'06	18°01'24
asc. node	-9430 Jun 13 j 08:06	23°♓50'39	
	-9430 Jun 17 j 18:17	0°♈	
morning set	-9430 Jun 28 j 09:14	18°♈04'07	
	-9430 Jul 05 j 05:37	0°♉	
superior conj	-9430 Jul 10 j 10:06	8°♉47'23	1°37'21
minimum elong	-9430 Jul 10 j 14:50	9°♉07'09	1°37'20
max. Earth dist.	-9430 Jul 16 j 16:24	19°♉05'07	1.43312 AU
	-9430 Jul 23 j 12:47	0°♊	
evening rise	-9430 Jul 26 j 00:53	3°♊54'58	
desc. node	-9430 Jul 29 j 13:27	9°♊21'57	
	-9430 Aug 12 j 09:00	0°♋	
evening max el	-9430 Aug 24 j 03:32	15°♋06'13	20°51'25
retrograde	-9430 Sep 01 j 09:10	19°♋56'59	
evening set	-9430 Sep 05 j 07:37	18°♋28'45	
asc. node	-9430 Sep 09 j 08:17	14°♋09'57	
inferior conj	-9430 Sep 10 j 16:39	12°♋21'23	0°26'26
minimum elong	-9430 Sep 10 j 16:02	12°♋23'28	0°26'45
min. Earth dist.	-9430 Sep 11 j 06:31	11°♋34'13	0.66863 AU
morning rise	-9430 Sep 16 j 00:18	6°♋02'07	
direct	-9430 Sep 21 j 06:37	3°♋48'05	
morning max el	-9430 Oct 02 j 07:18	10°♋24'00	24°10'22
	-9430 Oct 17 j 21:04	0°♌	
desc. node	-9430 Oct 25 j 12:57	11°♌20'46	
	-9430 Nov 06 j 01:40	0°♍	
morning set	-9430 Nov 06 j 19:44	1°♍17'17	
max. Earth dist.	-9430 Nov 10 j 20:34	8°♍21'15	1.38488 AU
superior conj	-9430 Nov 17 j 22:10	21°♍24'03	-1°43'33
minimum elong	-9430 Nov 17 j 21:43	21°♍21'57	1°43'23
	-9430 Nov 22 j 08:51	0°♎	
evening rise	-9430 Nov 26 j 15:57	8°♎26'59	
asc. node	-9430 Dec 06 j 06:34	26°♎06'11	
	-9430 Dec 08 j 20:45	0°♏	
evening max el	-9430 Dec 13 j 06:44	5°♏13'40	18°55'26
retrograde	-9430 Dec 21 j 16:01	9°♏15'14	
evening set	-9430 Dec 24 j 03:58	8°♏55'17	
inferior conj	-9429 Jan 01 j 01:11	4°♏35'26	4°06'20
minimum elong	-9429 Jan 01 j 03:38	4°♏31'00	4°05'52
min. Earth dist.	-9429 Jan 04 j 04:12	2°♏21'10	0.57792 AU
	-9429 Jan 08 j 01:04	30°℞♎	
morning rise	-9429 Jan 09 j 01:07	29°♎31'45	
direct	-9429 Jan 14 j 15:18	28°♎17'00	
	-9429 Jan 21 j 06:35	0°♏	
desc. node	-9429 Jan 21 j 14:17	0°♏09'55	
morning max el	-9429 Jan 28 j 18:03	5°♏32'41	25°37'59
	-9429 Feb 15 j 13:01	0°♐	
morning set	-9429 Feb 25 j 07:02	18°♐53'22	
	-9429 Mar 02 j 11:17	0°♑	
superior conj	-9429 Mar 04 j 06:34	3°♑55'41	0°00'43
minimum elong	-9429 Mar 04 j 06:34	3°♑55'39	0°00'09
behind sun begin	-9429 Mar 04 j 01:33	3°♑28'23	
behind sun end	-9429 Mar 04 j 11:34	4°♑22'54	
asc. node	-9429 Mar 04 j 04:51	3°♑46'20	
max. Earth dist.	-9429 Mar 05 j 01:35	5°♑39'04	1.32950 AU
evening rise	-9429 Mar 11 j 11:29	19°♑16'43	
	-9429 Mar 16 j 21:40	0°♒	
	-9429 Apr 04 j 21:51	0°♓	
evening max el	-9429 Apr 11 j 14:43	7°♓26'56	27°05'45
desc. node	-9429 Apr 19 j 13:33	13°♓21'23	
retrograde	-9429 Apr 25 j 15:36	14°♓55'14	
evening set	-9429 May 02 j 08:01	12°♓51'41	
min. Earth dist.	-9429 May 06 j 03:50	10°♓01'18	0.61070 AU
inferior conj	-9429 May 09 j 09:47	7°♓08'23	-3°39'46
minimum elong	-9429 May 09 j 08:42	7°♓10'48	3°40'00
morning rise	-9429 May 16 j 11:21	2°♓16'37	
direct	-9429 May 19 j 00:57	1°♓49'14	
morning max el	-9429 May 25 j 23:35	5°♓15'21	18°05'23
asc. node	-9429 May 31 j 04:58	11°♓46'17	
	-9429 Jun 10 j 18:19	0°♈	
morning set	-9429 Jun 11 j 03:48	0°♈43'35	
superior conj	-9429 Jun 21 j 15:23	19°♈41'02	1°49'05
minimum elong	-9429 Jun 21 j 16:37	19°♈46'26	1°49'11
	-9429 Jun 27 j 15:24	0°♉	
max. Earth dist.	-9429 Jun 28 j 23:57	2°♉16'17	1.41797 AU
evening rise	-9429 Jul 05 j 08:29	12°♉38'32	
desc. node	-9429 Jul 16 j 10:45	29°♉48'13	
	-9429 Jul 16 j 13:54	0°♊	
evening max el	-9429 Aug 06 j 21:59	28°♊28'15	22°06'31
	-9429 Aug 08 j 12:06	0°♋	
retrograde	-9429 Aug 16 j 04:31	3°♋58'06	
evening set	-9429 Aug 20 j 15:59	2°♋09'39	
	-9429 Aug 22 j 19:56	30°℞♊	
inferior conj	-9429 Aug 25 j 22:23	25°♊56'48	-0°25'12
minimum elong	-9429 Aug 25 j 22:55	25°♊54'56	0°24'26
min. Earth dist.	-9429 Aug 26 j 01:55	25°♊44'36	0.67193 AU
asc. node	-9429 Aug 27 j 05:21	24°♊10'40	
morning rise	-9429 Aug 31 j 05:43	19°♊38'44	
direct	-9429 Sep 04 j 21:52	17°♊43'48	
morning max el	-9429 Sep 14 j 18:36	23°♊39'28	22°45'38
	-9429 Sep 20 j 07:28	0°♋	
	-9429 Oct 11 j 07:47	0°♌	
desc. node	-9429 Oct 12 j 09:46	1°♌41'16	
morning set	-9429 Oct 18 j 12:18	11°♌26'57	
max. Earth dist.	-9429 Oct 23 j 18:55	20°♌14'42	1.40491 AU
	-9429 Oct 29 j 09:27	0°♍	
superior conj	-9429 Oct 31 j 11:14	3°♍43'16	-1°36'41
minimum elong	-9429 Oct 31 j 08:28	3°♍30'48	1°36'12
evening rise	-9429 Nov 10 j 06:18	21°♍58'03	
	-9429 Nov 14 j 13:13	0°♎	
asc. node	-9429 Nov 23 j 03:53	14°♎07'14	
evening max el	-9429 Nov 26 j 11:25	17°♎58'30	18°21'42
retrograde	-9429 Dec 03 j 20:56	21°♎38'54	
evening set	-9429 Dec 06 j 09:27	21°♎14'28	
inferior conj	-9429 Dec 13 j 17:13	16°♎33'37	4°14'15
minimum elong	-9429 Dec 13 j 16:17	16°♎35'33	4°14'07
min. Earth dist.	-9429 Dec 16 j 23:13	13°♎52'17	0.59629 AU
morning rise	-9429 Dec 20 j 21:27	11°♎09'14	
direct	-9429 Dec 27 j 11:17	9°♎15'36	
desc. node	-9428 Jan 08 j 11:05	14°♎47'10	
morning max el	-9428 Jan 10 j 13:14	16°♎41'09	26°49'16

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9428 Jan 21 j 13:48	0°♏		
	-9428 Feb 07 j 20:21	0°♐		
morning set	-9428 Feb 09 j 17:33	3°♐52'30		
superior conj	-9428 Feb 16 j 18:23	18°♐59'37	-0°22'45	
minimum elong	-9428 Feb 16 j 19:21	19°♐04'52	0°23'06	
max. Earth dist.	-9428 Feb 16 j 15:05	18°♐41'34	1.32755 AU	
asc. node	-9428 Feb 19 j 01:59	24°♐02'56		
	-9428 Feb 21 j 20:14	0°♑		
evening rise	-9428 Feb 23 j 19:40	4°♑10'13		
	-9428 Mar 08 j 18:46	0°♒		
evening max el	-9428 Mar 23 j 15:13	19°♒09'57	26°13'35	
desc. node	-9428 Apr 05 j 10:48	26°♒25'30		
retrograde	-9428 Apr 06 j 18:24	26°♒29'49		
evening set	-9428 Apr 12 j 16:27	25°♒02'21		
min. Earth dist.	-9428 Apr 17 j 04:31	22°♒13'22	0.59064 AU	
inferior conj	-9428 Apr 20 j 12:42	19°♒39'02	-3°14'13	
minimum elong	-9428 Apr 20 j 09:24	19°♒45'27	3°14'07	
morning rise	-9428 Apr 28 j 05:11	15°♒07'25		
direct	-9428 Apr 30 j 15:20	14°♒46'51		
morning max el	-9428 May 08 j 09:10	18°♒29'31	18°28'41	
	-9428 May 16 j 19:55	0°♓		
asc. node	-9428 May 17 j 01:51	0°♓25'13		
morning set	-9428 May 24 j 13:12	14°♓09'36		
	-9428 Jun 01 j 21:23	0°♈		
superior conj	-9428 Jun 02 j 20:40	1°♈47'52	1°47'56	
minimum elong	-9428 Jun 02 j 19:14	1°♈41'16	1°47'51	
max. Earth dist.	-9428 Jun 10 j 02:16	14°♈45'55	1.39978 AU	
evening rise	-9428 Jun 14 j 15:44	22°♈32'05		
	-9428 Jun 19 j 05:05	0°♉		
desc. node	-9428 Jul 02 j 08:05	20°♉01'00		
	-9428 Jul 09 j 12:44	0°♊		
evening max el	-9428 Jul 19 j 11:01	11°♊49'37	23°27'48	
retrograde	-9428 Jul 29 j 21:01	17°♊59'53		
evening set	-9428 Aug 03 j 23:01	15°♊50'28		
inferior conj	-9428 Aug 09 j 04:43	9°♊34'59	-1°14'27	
minimum elong	-9428 Aug 09 j 06:15	9°♊29'41	1°13'22	
min. Earth dist.	-9428 Aug 08 j 21:48	9°♊58'45	0.67236 AU	
asc. node	-9428 Aug 13 j 02:22	4°♊41'24		
morning rise	-9428 Aug 14 j 13:24	3°♊21'44		
direct	-9428 Aug 18 j 16:48	1°♊45'43		
morning max el	-9428 Aug 27 j 10:28	6°♊58'25	21°24'30	
	-9428 Sep 13 j 18:23	0°♋		
morning set	-9428 Sep 27 j 03:04	20°♋23'44		
desc. node	-9428 Sep 28 j 06:39	22°♋12'32		
	-9428 Oct 03 j 03:18	0°♌		
max. Earth dist.	-9428 Oct 04 j 22:56	2°♌58'02	1.42325 AU	
superior conj	-9428 Oct 12 j 01:51	14°♌54'26	-1°17'27	
minimum elong	-9428 Oct 11 j 21:05	14°♌33'58	1°16'33	
	-9428 Oct 20 j 15:49	0°♍		
evening rise	-9428 Oct 23 j 08:09	4°♍50'07		
	-9428 Nov 07 j 21:39	0°♎		
evening max el	-9428 Nov 08 j 21:46	1°♎03'55	18°07'54	
asc. node	-9428 Nov 09 j 01:09	1°♎12'17		
retrograde	-9428 Nov 15 j 17:23	4°♎35'38		
evening set	-9428 Nov 18 j 07:30	4°♎05'20		
	-9428 Nov 24 j 02:50	30°℞♍		
inferior conj	-9428 Nov 25 j 03:08	29°♍02'46	3°56'28	
minimum elong	-9428 Nov 25 j 00:07	29°♍09'56	3°56'06	
min. Earth dist.	-9428 Nov 28 j 01:25	26°♍16'05	0.61511 AU	
morning rise	-9428 Dec 01 j 15:38	23°♍21'38		
direct	-9428 Dec 08 j 16:38	20°♍56'47		
morning max el	-9428 Dec 22 j 14:43	28°♍27'48	27°29'25	
	-9428 Dec 24 j 03:28	0°♎		
desc. node	-9428 Dec 25 j 07:51	1°♎15'33		

	-9427 Jan 14 j 06:03	0°♏		
morning set	-9427 Jan 24 j 00:18	18°♏38'12		
	-9427 Jan 29 j 09:26	0°♐		
max. Earth dist.	-9427 Jan 30 j 03:26	1°♐37'22	1.32893 AU	
superior conj	-9427 Jan 31 j 05:46	4°♐00'19	-0°45'03	
minimum elong	-9427 Jan 31 j 07:31	4°♐09'52	0°45'13	
asc. node	-9427 Feb 04 j 23:08	14°♐15'32		
evening rise	-9427 Feb 07 j 06:20	19°♐08'51		
	-9427 Feb 12 j 15:34	0°♑		
	-9427 Mar 05 j 02:46	0°♒		
evening max el	-9427 Mar 05 j 10:29	0°♒18'32	24°55'43	
retrograde	-9427 Mar 19 j 09:57	7°♒21'41		
desc. node	-9427 Mar 23 j 08:00	6°♒46'16		
evening set	-9427 Mar 24 j 05:46	6°♒28'18		
min. Earth dist.	-9427 Mar 29 j 23:33	3°♒27'29	0.57242 AU	
inferior conj	-9427 Apr 01 j 20:18	1°♒32'53	-2°17'53	
minimum elong	-9427 Apr 01 j 16:04	1°♒40'00	2°17'19	
	-9427 Apr 04 j 05:27	30°℞♑		
morning rise	-9427 Apr 10 j 05:32	27°♑19'28		
direct	-9427 Apr 12 j 12:36	27°♑04'04		
	-9427 Apr 20 j 00:08	0°♒		
morning max el	-9427 Apr 21 j 12:06	1°♒17'46	19°11'52	
asc. node	-9427 May 03 j 22:44	19°♒36'45		
morning set	-9427 May 08 j 09:18	28°♒11'29		
	-9427 May 09 j 07:15	0°♓		
superior conj	-9427 May 16 j 20:19	14°♓52'19	1°37'35	
minimum elong	-9427 May 16 j 17:36	14°♓39'09	1°37'09	
max. Earth dist.	-9427 May 23 j 03:06	26°♓41'46	1.38099 AU	
	-9427 May 24 j 22:54	0°♈		
evening rise	-9427 May 27 j 02:13	3°♈47'31		
	-9427 Jun 12 j 07:11	0°♉		
desc. node	-9427 Jun 19 j 05:28	9°♉53'42		
evening max el	-9427 Jul 01 j 21:14	25°♉12'26	24°48'18	
	-9427 Jul 07 j 15:39	0°♊		
retrograde	-9427 Jul 13 j 09:43	1°♊58'22		
	-9427 Jul 18 j 12:15	30°℞♉		
evening set	-9427 Jul 19 j 02:47	29°♉29'37		
min. Earth dist.	-9427 Jul 23 j 15:41	24°♉14'44	0.66967 AU	
inferior conj	-9427 Jul 24 j 09:53	23°♉13'56	-1°59'51	
minimum elong	-9427 Jul 24 j 12:11	23°♉06'15	1°58'39	
morning rise	-9427 Jul 29 j 21:33	17°♉09'00		
asc. node	-9427 Jul 30 j 23:19	16°♉29'40		
direct	-9427 Aug 02 j 14:04	15°♉50'19		
morning max el	-9427 Aug 10 j 08:51	20°♉24'02	20°12'52	
	-9427 Aug 18 j 01:26	0°♊		
morning set	-9427 Sep 06 j 04:41	28°♊46'44		
	-9427 Sep 06 j 23:32	0°♋		
desc. node	-9427 Sep 15 j 03:33	12°♋50'12		
max. Earth dist.	-9427 Sep 17 j 09:56	16°♋27'11	1.43724 AU	
superior conj	-9427 Sep 22 j 13:04	24°♋45'15	-0°44'12	
minimum elong	-9427 Sep 22 j 08:42	24°♋27'25	0°43'08	
	-9427 Sep 25 j 17:33	0°♌		
evening rise	-9427 Oct 05 j 16:49	16°♌52'21		
	-9427 Oct 13 j 09:09	0°♍		
evening max el	-9427 Oct 23 j 10:48	14°♍22'04	18°13'17	
asc. node	-9427 Oct 26 j 22:24	17°♍05'42		
retrograde	-9427 Oct 30 j 01:16	17°♍55'40		
evening set	-9427 Nov 01 j 18:30	17°♍17'46		
inferior conj	-9427 Nov 08 j 03:33	11°♍55'24	3°22'14	
minimum elong	-9427 Nov 07 j 23:53	12°♍05'12	3°21'37	
min. Earth dist.	-9427 Nov 10 j 13:18	9°♍21'07	0.63213 AU	
morning rise	-9427 Nov 14 j 04:32	6°♍00'14		
direct	-9427 Nov 21 j 05:35	3°♍17'46		
morning max el	-9427 Dec 04 j 21:38	10°♍52'20	27°34'32	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9427 Dec 12 j 04:34	19°♍03'43		
	-9427 Dec 20 j 03:09	0°♎		
	-9426 Jan 06 j 12:07	0°♏		
morning set	-9426 Jan 08 j 00:55	3°♏02'25		
max. Earth dist.	-9426 Jan 13 j 10:52	14°♏13'30	1.33387 AU	
superior conj	-9426 Jan 15 j 15:00	18°♏51'46	-1°05'21	
minimum elong	-9426 Jan 15 j 17:16	19°♏03'54	1°05'25	
	-9426 Jan 20 j 19:14	0°♐		
evening rise	-9426 Jan 22 j 17:43	4°♐06'12		
asc. node	-9426 Jan 22 j 20:19	4°♐19'52		
	-9426 Feb 05 j 23:11	0°♑		
evening max el	-9426 Feb 15 j 03:33	11°♑09'28	23°23'48	
retrograde	-9426 Feb 28 j 13:03	17°♑43'22		
evening set	-9426 Mar 04 j 05:59	17°♑13'15		
desc. node	-9426 Mar 10 j 05:07	14°♑38'27		
min. Earth dist.	-9426 Mar 11 j 15:31	13°♑48'57	0.55923 AU	
inferior conj	-9426 Mar 13 j 08:35	12°♑47'54	-0°49'00	
minimum elong	-9426 Mar 13 j 06:32	12°♑50'58	0°48'55	
morning rise	-9426 Mar 22 j 09:30	8°♑45'50		
direct	-9426 Mar 24 j 15:53	8°♑33'04		
morning max el	-9426 Apr 04 j 05:46	13°♑31'41	20°14'49	
	-9426 Apr 15 j 23:35	0°♒		
asc. node	-9426 Apr 20 j 19:36	9°♒13'03		
morning set	-9426 Apr 22 j 12:57	12°♒40'45		
superior conj	-9426 Apr 30 j 09:21	28°♒40'48	1°21'06	
minimum elong	-9426 Apr 30 j 06:25	28°♒26'02	1°20'23	
	-9426 May 01 j 01:08	0°♓		
max. Earth dist.	-9426 May 05 j 08:03	8°♓25'34	1.36384 AU	
evening rise	-9426 May 09 j 11:49	16°♓14'55		
	-9426 May 17 j 07:41	0°♈		
desc. node	-9426 Jun 06 j 02:52	29°♈17'55		
	-9426 Jun 06 j 16:14	0°♉		
evening max el	-9426 Jun 14 j 07:11	8°♉36'52	25°59'46	
retrograde	-9426 Jun 26 j 18:04	15°♉49'05		
evening set	-9426 Jul 03 j 01:13	13°♉06'04		
min. Earth dist.	-9426 Jul 07 j 05:19	8°♉30'11	0.66347 AU	
inferior conj	-9426 Jul 08 j 12:04	6°♉52'26	-2°39'45	
minimum elong	-9426 Jul 08 j 14:46	6°♉43'52	2°38'42	
morning rise	-9426 Jul 14 j 04:23	0°♉58'52		
	-9426 Jul 16 j 14:10	30°℞♈		
direct	-9426 Jul 17 j 12:02	29°♈55'15		
asc. node	-9426 Jul 17 j 20:14	29°♈55'54		
	-9426 Jul 18 j 10:09	0°♉		
morning max el	-9426 Jul 24 j 13:52	3°♉57'33	19°14'42	
	-9426 Aug 11 j 18:39	0°♊		
morning set	-9426 Aug 16 j 14:09	7°♊35'11		
	-9426 Aug 30 j 19:12	0°♋		
max. Earth dist.	-9426 Aug 31 j 01:28	0°♋24'51	1.44506 AU	
superior conj	-9426 Sep 01 j 22:48	3°♋24'26	0°00'27	
minimum elong	-9426 Sep 01 j 22:56	3°♋24'59	0°01'02	
behind sun begin	-9426 Sep 01 j 11:38	2°♋40'11		
behind sun end	-9426 Sep 02 j 10:14	4°♋09'49		
desc. node	-9426 Sep 02 j 00:34	3°♋31'31		
evening rise	-9426 Sep 17 j 03:03	27°♋52'46		
	-9426 Sep 18 j 10:05	0°♌		
evening max el	-9426 Oct 06 j 23:40	27°♌47'20	18°36'46	
	-9426 Oct 09 j 12:24	0°♍		
retrograde	-9426 Oct 13 j 16:30	1°♍31'47		
asc. node	-9426 Oct 13 j 19:37	1°♍31'41		
evening set	-9426 Oct 16 j 14:54	0°♍43'50		
	-9426 Oct 17 j 18:28	30°℞♌		
inferior conj	-9426 Oct 22 j 15:02	25°♌04'50	2°38'08	
minimum elong	-9426 Oct 22 j 11:42	25°♌14'37	2°37'29	
min. Earth dist.	-9426 Oct 24 j 11:21	22°♌54'21	0.64635 AU	
morning rise	-9426 Oct 28 j 08:00	18°♌58'31		
direct	-9426 Nov 04 j 01:24	16°♌12'02		
morning max el	-9426 Nov 17 j 07:19	23°♌44'57	27°06'25	
	-9426 Nov 22 j 23:59	0°♍		
desc. node	-9426 Nov 29 j 01:14	7°♍48'08		
	-9426 Dec 13 j 10:01	0°♎		
morning set	-9426 Dec 22 j 16:19	16°♎54'22		
max. Earth dist.	-9426 Dec 27 j 09:30	26°♎18'09	1.34287 AU	
	-9426 Dec 29 j 04:34	0°♏		
superior conj	-9426 Dec 30 j 20:06	3°♏26'27	-1°22'43	
minimum elong	-9426 Dec 30 j 22:27	3°♏38'47	1°22'43	
evening rise	-9425 Jan 07 j 04:05	18°♏55'19		
asc. node	-9425 Jan 09 j 17:32	24°♏10'22		
	-9425 Jan 12 j 16:59	0°♐		
evening max el	-9425 Jan 27 j 23:49	22°♐06'18	21°51'19	
retrograde	-9425 Feb 09 j 05:58	27°♐56'51		
evening set	-9425 Feb 12 j 03:52	27°♐37'55		
inferior conj	-9425 Feb 21 j 07:35	23°♐33'59	0°59'28	
minimum elong	-9425 Feb 21 j 10:10	23°♐30'19	0°58'03	
min. Earth dist.	-9425 Feb 21 j 06:14	23°♐35'54	0.55379 AU	
desc. node	-9425 Feb 25 j 02:10	21°♐30'35		
morning rise	-9425 Mar 02 j 16:50	19°♐28'52		
direct	-9425 Mar 05 j 07:06	19°♐13'44		
morning max el	-9425 Mar 17 j 12:26	25°♐04'57	21°35'54	
	-9425 Mar 21 j 23:17	0°♑		
morning set	-9425 Apr 06 j 21:32	27°♑28'39		
asc. node	-9425 Apr 07 j 16:30	29°♑06'54		
	-9425 Apr 08 j 02:43	0°♒		
superior conj	-9425 Apr 14 j 07:47	13°♒00'27	1°00'44	
minimum elong	-9425 Apr 14 j 05:19	12°♒47'39	0°59'52	
max. Earth dist.	-9425 Apr 17 j 21:46	20°♒21'14	1.34976 AU	
evening rise	-9425 Apr 22 j 14:43	29°♒36'59		
	-9425 Apr 22 j 19:32	0°♓		
	-9425 May 10 j 10:22	0°♈		
desc. node	-9425 May 24 j 00:17	18°♈00'53		
evening max el	-9425 May 27 j 17:53	21°♈57'21	26°53'54	
retrograde	-9425 Jun 09 j 21:38	29°♈24'25		
evening set	-9425 Jun 16 j 15:50	26°♈36'10		
min. Earth dist.	-9425 Jun 20 j 12:32	22°♈38'53	0.65337 AU	
inferior conj	-9425 Jun 22 j 09:09	20°♈26'51	-3°12'17	
minimum elong	-9425 Jun 22 j 11:44	20°♈19'13	3°11'38	
morning rise	-9425 Jun 28 j 07:56	14°♈47'29		
direct	-9425 Jul 01 j 08:41	13°♈56'26		
asc. node	-9425 Jul 04 j 17:05	14°♈56'15		
morning max el	-9425 Jul 08 j 00:05	17°♈36'06	18°32'26	
	-9425 Jul 17 j 03:38	0°♉		
morning set	-9425 Jul 27 j 22:12	17°♉27'40		
	-9425 Aug 04 j 15:35	0°♊		
superior conj	-9425 Aug 11 j 22:25	11°♊37'58	0°46'58	
minimum elong	-9425 Aug 12 j 03:50	11°♊59'25	0°46'51	
max. Earth dist.	-9425 Aug 13 j 18:22	14°♊32'03	1.44581 AU	
desc. node	-9425 Aug 19 j 21:40	24°♊13'09		
	-9425 Aug 23 j 13:44	0°♋		
evening rise	-9425 Aug 28 j 10:46	7°♋41'15		
greatest brilliancy	-9425 Sep 06 j 04:35	21°♋26'05	-0.8m	
	-9425 Sep 11 j 19:07	0°♌		
evening max el	-9425 Sep 20 j 09:46	11°♌15'49	19°17'14	
retrograde	-9425 Sep 27 j 11:46	15°♌19'19		
evening set	-9425 Sep 30 j 17:41	14°♌18'19		
asc. node	-9425 Sep 30 j 16:47	14°♌19'42		
inferior conj	-9425 Oct 06 j 10:35	8°♌26'00	1°48'37	
minimum elong	-9425 Oct 06 j 08:10	8°♌33'41	1°48'13	
min. Earth dist.	-9425 Oct 07 j 18:17	6°♌45'37	0.65746 AU	
morning rise	-9425 Oct 11 j 22:16	2°♌11'54		

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9425 Oct 15 j 12:17	30℞♋	
direct	-9425 Oct 18 j 03:33	29°♋32'30	
	-9425 Oct 20 j 22:29	0°♌	
morning max el	-9425 Oct 30 j 17:21	6°♌53'17	26°11'16
desc. node	-9425 Nov 15 j 21:55	27°♌12'38	
	-9425 Nov 17 j 19:22	0°♍	
morning set	-9425 Dec 05 j 18:34	0°♎02'08	
	-9425 Dec 05 j 18:07	0°♎	
max. Earth dist.	-9425 Dec 09 j 20:55	7°♎49'57	1.35626 AU
superior conj	-9425 Dec 14 j 18:44	17°♎37'08	-1°35'49
minimum elong	-9425 Dec 14 j 20:35	17°♎46'34	1°35'48
	-9425 Dec 20 j 18:49	0°♏	
evening rise	-9425 Dec 22 j 11:44	3°♏30'41	
asc. node	-9425 Dec 27 j 14:47	13°♏41'02	
	-9424 Jan 06 j 22:20	0°♐	
evening max el	-9424 Jan 10 j 04:19	3°♐29'40	20°29'14
retrograde	-9424 Jan 20 j 20:53	8°♐30'53	
evening set	-9424 Jan 23 j 10:45	8°♐14'37	
inferior conj	-9424 Feb 01 j 05:42	4°♐15'54	2°39'21
minimum elong	-9424 Feb 01 j 11:17	4°♐07'37	2°37'24
min. Earth dist.	-9424 Feb 02 j 20:20	3°♐18'45	0.55730 AU
	-9424 Feb 09 j 22:17	30℞♏	
morning rise	-9424 Feb 10 j 10:07	29°♏52'00	
desc. node	-9424 Feb 11 j 23:06	29°♏33'23	
direct	-9424 Feb 13 j 22:53	29°♏24'33	
	-9424 Feb 17 j 21:39	0°♐	
morning max el	-9424 Feb 27 j 08:55	6°♐01'41	23°10'01
	-9424 Mar 15 j 02:35	0°♑	
morning set	-9424 Mar 21 j 08:59	12°♑28'23	
asc. node	-9424 Mar 24 j 13:29	19°♑13'05	
superior conj	-9424 Mar 28 j 12:40	27°♑41'58	0°38'07
minimum elong	-9424 Mar 28 j 11:03	27°♑33'23	0°37'16
	-9424 Mar 29 j 14:39	0°♒	
max. Earth dist.	-9424 Mar 30 j 21:42	2°♒43'33	1.33922 AU
evening rise	-9424 Apr 05 j 06:04	13°♒39'06	
	-9424 Apr 14 j 00:35	0°♓	
	-9424 May 04 j 10:46	0°♈	
evening max el	-9424 May 09 j 04:34	5°♈04'33	27°23'04
desc. node	-9424 May 09 j 21:41	5°♈45'21	
retrograde	-9424 May 22 j 19:37	12°♈36'14	
evening set	-9424 May 29 j 19:38	9°♈55'05	
min. Earth dist.	-9424 Jun 02 j 11:34	6°♈31'54	0.63937 AU
inferior conj	-9424 Jun 04 j 22:39	3°♈52'51	-3°34'46
minimum elong	-9424 Jun 05 j 00:26	3°♈48'04	3°34'38
	-9424 Jun 08 j 22:11	30℞♓	
morning rise	-9424 Jun 11 j 05:56	28°♓30'08	
direct	-9424 Jun 14 j 01:32	27°♓49'28	
	-9424 Jun 19 j 04:12	0°♈	
morning max el	-9424 Jun 20 j 13:25	1°♈15'37	18°07'26
asc. node	-9424 Jun 20 j 13:56	1°♈16'55	
morning set	-9424 Jul 08 j 07:58	28°♈32'11	
	-9424 Jul 09 j 04:30	0°♉	
superior conj	-9424 Jul 21 j 10:14	20°♉28'32	1°23'28
minimum elong	-9424 Jul 21 j 16:28	20°♉53'55	1°23'19
max. Earth dist.	-9424 Jul 26 j 09:44	28°♉31'03	1.43959 AU
	-9424 Jul 27 j 08:01	0°♊	
desc. node	-9424 Aug 05 j 18:52	14°♊51'55	
evening rise	-9424 Aug 06 j 19:03	16°♊25'43	
	-9424 Aug 15 j 15:09	0°♋	
evening max el	-9424 Sep 02 j 14:48	24°♋43'26	20°13'12
retrograde	-9424 Sep 10 j 08:31	29°♋14'18	
evening set	-9424 Sep 14 j 00:18	27°♋56'55	
asc. node	-9424 Sep 16 j 13:55	25°♋33'52	
inferior conj	-9424 Sep 19 j 11:43	21°♋54'23	0°56'36
minimum elong	-9424 Sep 19 j 10:25	21°♋58'41	0°56'38
min. Earth dist.	-9424 Sep 20 j 07:51	20°♋47'16	0.66547 AU
morning rise	-9424 Sep 24 j 20:18	15°♋36'06	
direct	-9424 Sep 30 j 11:16	13°♋11'24	
morning max el	-9424 Oct 12 j 02:39	20°♋06'40	24°57'29
	-9424 Oct 20 j 14:53	0°♌	
desc. node	-9424 Nov 01 j 18:38	17°♌05'06	
	-9424 Nov 09 j 23:15	0°♍	
morning set	-9424 Nov 17 j 02:32	12°♍10'34	
max. Earth dist.	-9424 Nov 20 j 22:23	19°♍05'18	1.37369 AU
	-9424 Nov 26 j 16:34	0°♎	
superior conj	-9424 Nov 27 j 07:45	1°♎14'02	-1°42'59
minimum elong	-9424 Nov 27 j 08:22	1°♎17'05	1°42'54
evening rise	-9424 Dec 05 j 14:40	17°♎46'07	
	-9424 Dec 11 j 22:58	0°♏	
asc. node	-9424 Dec 13 j 12:04	2°♏44'17	
evening max el	-9424 Dec 22 j 18:57	15°♏26'47	19°24'01
retrograde	-9424 Dec 31 j 21:59	19°♏46'00	
evening set	-9423 Jan 03 j 10:15	19°♏27'52	
inferior conj	-9423 Jan 11 j 15:37	15°♏18'29	3°46'04
minimum elong	-9423 Jan 11 j 19:59	15°♏11'13	3°45'01
min. Earth dist.	-9423 Jan 14 j 10:13	13°♏28'40	0.56878 AU
morning rise	-9423 Jan 20 j 03:29	10°♏29'19	
direct	-9423 Jan 25 j 00:12	9°♏35'14	
desc. node	-9423 Jan 28 j 19:58	10°♏09'11	
morning max el	-9423 Feb 07 j 23:49	16°♏40'44	24°46'54
	-9423 Feb 18 j 18:27	0°♐	
morning set	-9423 Mar 05 j 21:30	27°♐33'26	
	-9423 Mar 07 j 01:16	0°♑	
asc. node	-9423 Mar 11 j 10:31	9°♑26'54	
superior conj	-9423 Mar 12 j 21:42	12°♑37'34	0°14'27
minimum elong	-9423 Mar 12 j 21:06	12°♑34'19	0°13'46
behind sun begin	-9423 Mar 12 j 18:37	12°♑20'52	
behind sun end	-9423 Mar 12 j 23:35	12°♑47'45	
max. Earth dist.	-9423 Mar 14 j 05:47	15°♑30'53	1.33210 AU
evening rise	-9423 Mar 20 j 06:07	28°♑08'53	
	-9423 Mar 21 j 04:07	0°♒	
	-9423 Apr 07 j 07:05	0°♓	
evening max el	-9423 Apr 21 j 13:06	17°♓46'33	27°21'38
desc. node	-9423 Apr 26 j 19:00	22°♓07'21	
retrograde	-9423 May 05 j 11:05	25°♓16'29	
evening set	-9423 May 12 j 09:10	22°♓55'55	
min. Earth dist.	-9423 May 16 j 01:19	19°♓57'29	0.62190 AU
inferior conj	-9423 May 19 j 01:35	17°♓04'32	-3°43'21
minimum elong	-9423 May 19 j 01:45	17°♓04'08	3°43'33
morning rise	-9423 May 25 j 19:43	12°♓00'48	
direct	-9423 May 28 j 11:25	11°♓28'48	
morning max el	-9423 Jun 04 j 03:27	14°♓51'29	18°00'43
asc. node	-9423 Jun 07 j 10:47	18°♓42'30	
	-9423 Jun 14 j 15:25	0°♈	
morning set	-9423 Jun 20 j 16:05	10°♈41'22	
superior conj	-9423 Jul 01 j 23:52	0°♉35'47	1°44'08
minimum elong	-9423 Jul 02 j 03:07	0°♉49'39	1°44'13
	-9423 Jul 01 j 15:29	0°♉	
max. Earth dist.	-9423 Jul 08 j 21:14	12°♉06'27	1.42729 AU
evening rise	-9423 Jul 16 j 20:29	24°♉52'15	
	-9423 Jul 20 j 03:32	0°♊	
desc. node	-9423 Jul 23 j 16:10	5°♊24'24	
	-9423 Aug 09 j 17:08	0°♋	
evening max el	-9423 Aug 16 j 13:17	8°♋08'14	21°22'13
retrograde	-9423 Aug 25 j 04:45	13°♋14'24	
evening set	-9423 Aug 29 j 08:37	11°♋37'43	
asc. node	-9423 Sep 03 j 11:02	5°♋46'00	
inferior conj	-9423 Sep 03 j 16:19	5°♋27'51	0°04'20

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9423 Sep 03 j 16:12	5°♋28'14	0°04'51
transit middle	-9423 Sep 03 j 16:12	5°♋28'14	0°04'51
transit begin	-9423 Sep 03 j 13:37	5°♋37'07	
transit end	-9423 Sep 03 j 18:48	5°♋19'21	
min. Earth dist.	-9423 Sep 04 j 01:45	4°♋55'29	0.67049 AU
	-9423 Sep 08 j 01:37	30°℞♊	
morning rise	-9423 Sep 08 j 23:39	29°♊08'55	
direct	-9423 Sep 13 j 23:55	27°♊02'52	
	-9423 Sep 20 j 19:28	0°♋	
morning max el	-9423 Sep 24 j 12:32	3°♋21'32	23°34'16
	-9423 Oct 14 j 20:14	0°♌	
desc. node	-9423 Oct 19 j 15:26	7°♌17'25	
morning set	-9423 Oct 29 j 10:37	23°♌05'47	
	-9423 Nov 02 j 11:28	0°♍	
max. Earth dist.	-9423 Nov 02 j 20:17	0°♍38'27	1.39353 AU
superior conj	-9423 Nov 10 j 07:02	14°♍05'40	-1°41'59
minimum elong	-9423 Nov 10 j 05:39	13°♍59'15	1°41'43
	-9423 Nov 18 j 14:43	0°♎	
evening rise	-9423 Nov 19 j 10:28	1°♎35'37	
asc. node	-9423 Nov 30 j 09:22	21°♎11'13	
evening max el	-9423 Dec 05 j 19:03	27°♎55'43	18°38'32
	-9423 Dec 08 j 07:56	0°♏	
retrograde	-9423 Dec 13 j 16:48	1°♏46'37	
evening set	-9423 Dec 16 j 05:02	1°♏24'46	
	-9423 Dec 19 j 10:19	30°℞♎	
inferior conj	-9423 Dec 23 j 20:19	26°♎55'56	4°13'32
minimum elong	-9423 Dec 23 j 21:14	26°♎54'10	4°13'18
min. Earth dist.	-9423 Dec 27 j 02:09	24°♎27'48	0.58554 AU
morning rise	-9423 Dec 31 j 11:33	21°♎43'07	
direct	-9422 Jan 06 j 13:14	20°♎11'51	
desc. node	-9422 Jan 15 j 16:48	23°♎26'21	
morning max el	-9422 Jan 20 j 16:02	27°♎31'40	26°11'45
	-9422 Jan 23 j 02:06	0°♏	
	-9422 Feb 12 j 01:38	0°♐	
morning set	-9422 Feb 18 j 09:15	12°♐36'45	
superior conj	-9422 Feb 25 j 08:57	27°♐40'01	-0°09'21
minimum elong	-9422 Feb 25 j 09:22	27°♐42'19	0°09'49
behind sun begin	-9422 Feb 25 j 05:26	27°♐20'48	
behind sun end	-9422 Feb 25 j 13:19	28°♐03'49	
max. Earth dist.	-9422 Feb 25 j 18:31	28°♐32'15	1.32826 AU
asc. node	-9422 Feb 26 j 07:36	29°♐43'33	
	-9422 Feb 26 j 10:37	0°♑	
evening rise	-9422 Mar 04 j 11:58	12°♑55'56	
	-9422 Mar 13 j 07:50	0°♒	
evening max el	-9422 Apr 03 j 16:51	29°♒51'47	26°47'18
	-9422 Apr 03 j 20:18	0°♓	
desc. node	-9422 Apr 13 j 16:18	6°♓34'05	
retrograde	-9422 Apr 17 j 18:47	7°♓16'36	
evening set	-9422 Apr 24 j 04:52	5°♓27'49	
min. Earth dist.	-9422 Apr 28 j 05:57	2°♓40'13	0.60216 AU
	-9422 May 01 j 10:43	30°℞♒	
inferior conj	-9422 May 01 j 14:17	29°♒52'29	-3°32'19
minimum elong	-9422 May 01 j 12:14	29°♒56'50	3°32'28
morning rise	-9422 May 08 j 21:53	25°♒09'23	
direct	-9422 May 11 j 10:11	24°♒44'54	
morning max el	-9422 May 18 j 15:29	28°♒16'00	18°12'57
	-9422 May 20 j 06:58	0°♓	
asc. node	-9422 May 25 j 07:39	6°♓57'58	
morning set	-9422 Jun 03 j 17:33	23°♓42'27	
	-9422 Jun 07 j 02:18	0°♈	
superior conj	-9422 Jun 13 j 16:04	12°♈02'47	1°49'57
minimum elong	-9422 Jun 13 j 16:00	12°♈02'30	1°50'00
max. Earth dist.	-9422 Jun 21 j 02:59	25°♈02'53	1.41051 AU
	-9422 Jun 24 j 01:56	0°♉	
evening rise	-9422 Jun 26 j 12:51	4°♉01'47	
desc. node	-9422 Jul 10 j 13:30	25°♉46'00	
	-9422 Jul 13 j 11:08	0°♊	
evening max el	-9422 Jul 30 j 05:09	21°♊29'44	22°40'34
retrograde	-9422 Aug 08 j 23:02	27°♊16'40	
evening set	-9422 Aug 13 j 16:40	25°♊19'00	
inferior conj	-9422 Aug 18 j 22:31	19°♊04'37	-0°46'30
minimum elong	-9422 Aug 18 j 23:30	19°♊01'12	0°45'33
min. Earth dist.	-9422 Aug 18 j 21:34	19°♊07'54	0.67255 AU
asc. node	-9422 Aug 21 j 08:05	15°♊52'13	
morning rise	-9422 Aug 24 j 06:16	12°♊48'25	
direct	-9422 Aug 28 j 16:43	11°♊01'54	
morning max el	-9422 Sep 07 j 01:37	16°♊38'49	22°10'16
	-9422 Sep 17 j 20:24	0°♋	
desc. node	-9422 Oct 06 j 12:17	27°♋43'23	
	-9422 Oct 07 j 22:51	0°♌	
morning set	-9422 Oct 09 j 15:36	2°♌42'30	
max. Earth dist.	-9422 Oct 15 j 21:09	12°♌54'46	1.41312 AU
superior conj	-9422 Oct 23 j 11:16	25°♌57'53	-1°30'10
minimum elong	-9422 Oct 23 j 07:31	25°♌41'19	1°29'32
	-9422 Oct 25 j 17:36	0°♍	
evening rise	-9422 Nov 02 j 20:02	14°♍51'52	
	-9422 Nov 11 j 05:46	0°♎	
asc. node	-9422 Nov 17 j 06:39	8°♎50'33	
evening max el	-9422 Nov 19 j 02:27	10°♎50'22	18°13'23
retrograde	-9422 Nov 26 j 05:04	14°♎26'05	
evening set	-9422 Nov 28 j 18:00	13°♎59'25	
inferior conj	-9422 Dec 05 j 20:23	9°♎08'59	4°09'16
minimum elong	-9422 Dec 05 j 18:23	9°♎13'25	4°09'04
min. Earth dist.	-9422 Dec 08 j 23:54	6°♎22'54	0.60434 AU
morning rise	-9422 Dec 12 j 17:21	3°♎36'48	
direct	-9422 Dec 19 j 13:12	1°♎28'45	
morning max el	-9421 Jan 02 j 14:09	8°♎57'10	27°10'42
desc. node	-9421 Jan 02 j 13:34	8°♎55'44	
	-9421 Jan 18 j 19:07	0°♏	
morning set	-9421 Feb 02 j 18:27	27°♏31'49	
	-9421 Feb 03 j 22:51	0°♐	
superior conj	-9421 Feb 09 j 20:46	12°♐43'43	-0°32'24
minimum elong	-9421 Feb 09 j 22:06	12°♐50'58	0°32'40
max. Earth dist.	-9421 Feb 09 j 08:06	11°♐34'32	1.32767 AU
asc. node	-9421 Feb 13 j 04:43	19°♐59'16	
evening rise	-9421 Feb 16 j 21:26	27°♐52'43	
	-9421 Feb 17 j 21:55	0°♑	
	-9421 Mar 07 j 01:58	0°♒	
evening max el	-9421 Mar 16 j 14:41	11°♒18'13	25°43'00
retrograde	-9421 Mar 30 j 17:11	18°♒32'57	
desc. node	-9421 Mar 31 j 13:30	18°♒31'12	
evening set	-9421 Apr 05 j 04:53	17°♒20'29	
min. Earth dist.	-9421 Apr 10 j 03:43	14°♒28'07	0.58246 AU
inferior conj	-9421 Apr 13 j 09:12	12°♒08'04	-2°54'26
minimum elong	-9421 Apr 13 j 05:13	12°♒15'19	2°54'06
morning rise	-9421 Apr 21 j 08:43	7°♒45'05	
direct	-9421 Apr 23 j 17:28	7°♒27'00	
morning max el	-9421 May 01 j 22:38	11°♒20'44	18°44'42
asc. node	-9421 May 12 j 04:30	25°♒51'48	
	-9421 May 14 j 10:50	0°♓	
morning set	-9421 May 18 j 07:53	7°♓24'41	
superior conj	-9421 May 27 j 05:52	24°♓36'23	1°44'29
minimum elong	-9421 May 27 j 03:44	24°♓26'20	1°44'15
	-9421 May 30 j 03:22	0°♈	
max. Earth dist.	-9421 Jun 03 j 03:44	7°♈15'08	1.39168 AU
evening rise	-9421 Jun 07 j 07:49	14°♈30'14	
	-9421 Jun 16 j 19:30	0°♉	
desc. node	-9421 Jun 27 j 10:52	15°♉51'24	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9421 Jul 08 j 06:13	0°♊	
evening max el	-9421 Jul 12 j 16:25	4°♊50'53	24°02'29
retrograde	-9421 Jul 23 j 14:09	11°♊17'58	
evening set	-9421 Jul 28 j 22:34	8°♊59'46	
min. Earth dist.	-9421 Aug 02 j 16:55	3°♊23'18	0.67161 AU
inferior conj	-9421 Aug 03 j 04:34	2°♊43'37	-1°34'18
minimum elong	-9421 Aug 03 j 06:28	2°♊37'09	1°33'07
	-9421 Aug 05 j 06:00	30°℞♉	
asc. node	-9421 Aug 08 j 05:04	26°♉51'43	
morning rise	-9421 Aug 08 j 14:20	26°♉33'29	
direct	-9421 Aug 12 j 12:44	25°♉05'18	
	-9421 Aug 20 j 19:49	0°♊	
morning max el	-9421 Aug 20 j 20:14	0°♊01'06	20°52'32
	-9421 Sep 11 j 14:12	0°♋	
morning set	-9421 Sep 18 j 22:31	11°♋18'47	
desc. node	-9421 Sep 23 j 09:10	18°♋18'04	
max. Earth dist.	-9421 Sep 28 j 03:54	25°♋58'01	1.42982 AU
	-9421 Sep 30 j 15:14	0°♌	
superior conj	-9421 Oct 04 j 14:36	6°♌35'36	-1°05'02
minimum elong	-9421 Oct 04 j 09:33	6°♌14'25	1°04'00
evening rise	-9421 Oct 16 j 15:13	27°♌24'30	
	-9421 Oct 18 j 02:20	0°♍	
evening max el	-9421 Nov 02 j 14:16	24°♍02'03	18°07'55
asc. node	-9421 Nov 04 j 03:56	25°♍27'23	
retrograde	-9421 Nov 09 j 06:53	27°♍33'39	
evening set	-9421 Nov 11 j 21:58	27°♍00'32	
inferior conj	-9421 Nov 18 j 12:56	21°♍49'27	3°43'29
minimum elong	-9421 Nov 18 j 09:30	21°♍58'04	3°43'00
min. Earth dist.	-9421 Nov 21 j 06:18	19°♍05'52	0.62261 AU
morning rise	-9421 Nov 24 j 20:01	16°♍01'47	
direct	-9421 Dec 01 j 22:08	13°♍27'23	
morning max el	-9421 Dec 15 j 18:17	21°♍01'17	27°35'51
desc. node	-9421 Dec 20 j 10:16	26°♍01'32	
	-9421 Dec 23 j 16:03	0°♎	
	-9420 Jan 11 j 16:55	0°♏	
morning set	-9420 Jan 17 j 22:52	12°♏09'36	
max. Earth dist.	-9420 Jan 23 j 18:37	24°♏22'39	1.33052 AU
superior conj	-9420 Jan 25 j 07:26	27°♏41'19	-0°53'58
minimum elong	-9420 Jan 25 j 09:27	27°♏52'13	0°54'05
	-9420 Jan 26 j 09:01	0°♐	
asc. node	-9420 Jan 31 j 01:51	10°♐08'53	
evening rise	-9420 Feb 01 j 08:33	12°♐51'17	
	-9420 Feb 10 j 03:30	0°♑	
evening max el	-9420 Feb 26 j 08:19	22°♑16'04	24°17'33
retrograde	-9420 Mar 11 j 03:52	29°♑09'14	
evening set	-9420 Mar 15 j 11:29	28°♑27'29	
desc. node	-9420 Mar 17 j 10:38	27°♑42'46	
min. Earth dist.	-9420 Mar 21 j 21:24	25°♑17'49	0.56595 AU
inferior conj	-9420 Mar 24 j 08:13	23°♑44'46	-1°43'48
minimum elong	-9420 Mar 24 j 04:29	23°♑50'43	1°43'17
morning rise	-9420 Apr 02 j 00:32	19°♑37'23	
direct	-9420 Apr 04 j 06:30	19°♑23'39	
morning max el	-9420 Apr 13 j 21:57	23°♑55'25	19°36'18
	-9420 Apr 19 j 02:03	0°♒	
asc. node	-9420 Apr 28 j 01:21	15°♒14'28	
morning set	-9420 May 01 j 07:29	21°♒38'42	
	-9420 May 05 j 11:12	0°♓	
superior conj	-9420 May 09 j 11:42	8°♓00'51	1°31'12
minimum elong	-9420 May 09 j 08:47	7°♓46'28	1°30'38
max. Earth dist.	-9420 May 15 j 04:59	19°♓00'04	1.37334 AU
evening rise	-9420 May 19 j 04:48	26°♓18'12	
	-9420 May 21 j 06:55	0°♈	
	-9420 Jun 09 j 06:53	0°♉	
desc. node	-9420 Jun 13 j 08:15	5°♉33'25	
evening max el	-9420 Jun 24 j 02:16	18°♉14'55	25°20'23
retrograde	-9420 Jul 06 j 01:15	25°♉13'59	
evening set	-9420 Jul 12 j 00:21	22°♉38'32	
min. Earth dist.	-9420 Jul 16 j 09:25	17°♉39'48	0.66740 AU
inferior conj	-9420 Jul 17 j 08:43	16°♉23'15	-2°17'33
minimum elong	-9420 Jul 17 j 11:14	16°♉14'59	2°16'24
morning rise	-9420 Jul 22 j 22:08	10°♉22'32	
asc. node	-9420 Jul 25 j 02:00	9°♉21'08	
direct	-9420 Jul 26 j 10:35	9°♉10'33	
morning max el	-9420 Aug 02 j 21:29	13°♉30'19	19°46'17
	-9420 Aug 15 j 04:49	0°♊	
morning set	-9420 Aug 28 j 01:01	19°♊46'13	
	-9420 Sep 03 j 13:54	0°♋	
desc. node	-9420 Sep 09 j 06:08	8°♋58'10	
max. Earth dist.	-9420 Sep 09 j 16:47	9°♋40'30	1.44138 AU
superior conj	-9420 Sep 13 j 14:14	15°♋54'19	-0°26'17
minimum elong	-9420 Sep 13 j 11:19	15°♋42'35	0°25'20
	-9420 Sep 22 j 05:21	0°♌	
evening rise	-9420 Sep 27 j 15:03	9°♌02'26	
	-9420 Oct 10 j 09:34	0°♍	
evening max el	-9420 Oct 16 j 03:39	7°♍24'43	18°21'07
asc. node	-9420 Oct 21 j 01:10	10°♍45'59	
retrograde	-9420 Oct 22 j 18:12	11°♍01'35	
evening set	-9420 Oct 25 j 13:23	10°♍19'46	
inferior conj	-9420 Oct 31 j 18:28	4°♍50'15	3°04'25
minimum elong	-9420 Oct 31 j 14:52	5°♍00'20	3°03'45
min. Earth dist.	-9420 Nov 02 j 22:36	2°♍24'49	0.63863 AU
	-9420 Nov 05 j 07:25	30°℞♌	
morning rise	-9420 Nov 06 j 15:41	28°♌50'06	
direct	-9420 Nov 13 j 14:26	26°♌04'02	
	-9420 Nov 22 j 22:43	0°♍	
morning max el	-9420 Nov 27 j 02:31	3°♍38'47	27°26'09
desc. node	-9420 Dec 06 j 06:58	14°♍16'13	
	-9420 Dec 17 j 02:00	0°♎	
morning set	-9420 Dec 31 j 19:57	26°♎21'11	
	-9419 Jan 02 j 15:43	0°♏	
max. Earth dist.	-9419 Jan 05 j 22:28	6°♏45'05	1.33721 AU
superior conj	-9419 Jan 08 j 15:10	12°♏26'34	-1°13'10
minimum elong	-9419 Jan 08 j 17:31	12°♏39'07	1°13'11
evening rise	-9419 Jan 15 j 19:41	27°♏45'39	
asc. node	-9419 Jan 16 j 23:03	0°♐07'53	
	-9419 Jan 16 j 21:31	0°♐	
	-9419 Feb 04 j 02:17	0°♑	
evening max el	-9419 Feb 07 j 02:12	3°♑06'52	22°43'47
retrograde	-9419 Feb 20 j 01:41	9°♑23'03	
evening set	-9419 Feb 23 j 09:02	8°♑59'11	
min. Earth dist.	-9419 Mar 03 j 12:50	5°♑20'52	0.55587 AU
desc. node	-9419 Mar 04 j 07:42	4°♑53'38	
inferior conj	-9419 Mar 04 j 13:39	4°♑45'03	-0°03'54
minimum elong	-9419 Mar 04 j 13:27	4°♑45'20	0°04'25
transit middle	-9419 Mar 04 j 13:27	4°♑45'20	0°04'25
transit begin	-9419 Mar 04 j 09:32	4°♑51'00	
transit end	-9419 Mar 04 j 17:22	4°♑39'41	
morning rise	-9419 Mar 13 j 19:21	0°♑43'20	
direct	-9419 Mar 16 j 03:44	0°♑30'15	
morning max el	-9419 Mar 27 j 10:53	5°♑51'32	20°47'16
	-9419 Apr 12 j 10:28	0°♒	
asc. node	-9419 Apr 14 j 22:13	4°♒58'39	
morning set	-9419 Apr 15 j 13:28	6°♒16'18	
superior conj	-9419 Apr 23 j 05:04	22°♒03'07	1°12'49
minimum elong	-9419 Apr 23 j 02:16	21°♒48'49	1°12'01
	-9419 Apr 27 j 03:56	0°♓	
max. Earth dist.	-9419 Apr 27 j 13:23	0°♓46'29	1.35743 AU
evening rise	-9419 May 01 j 22:23	9°♓10'31	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9419 May 13 j 21:34	0°♈	
desc. node	-9419 May 31 j 05:40	24°♈41'42	
	-9419 Jun 04 j 21:46	0°♉	
evening max el	-9419 Jun 06 j 12:43	1°♉39'09	26°25'35
retrograde	-9419 Jun 19 j 07:29	8°♉58'30	
evening set	-9419 Jun 25 j 19:45	6°♉12'17	
min. Earth dist.	-9419 Jun 29 j 20:37	1°♉52'52	0.65960 AU
inferior conj	-9419 Jul 01 j 09:00	0°♉00'21	-2°54'35
minimum elong	-9419 Jul 01 j 11:43	29°♈51'57	2°53'43
	-9419 Jul 01 j 09:07	30°℞♈	
morning rise	-9419 Jul 07 j 03:48	24°♈12'15	
direct	-9419 Jul 10 j 08:22	23°♈14'05	
asc. node	-9419 Jul 11 j 22:52	23°♈28'20	
morning max el	-9419 Jul 17 j 04:49	27°♈05'37	18°54'43
	-9419 Jul 19 j 18:04	0°♉	
morning set	-9419 Aug 07 j 19:02	28°♉59'11	
	-9419 Aug 08 j 10:15	0°♊	
superior conj	-9419 Aug 23 j 17:00	24°♊14'55	0°20'42
minimum elong	-9419 Aug 23 j 19:39	24°♊25'24	0°20'55
max. Earth dist.	-9419 Aug 23 j 09:31	23°♊45'23	1.44629 AU
desc. node	-9419 Aug 27 j 03:12	29°♊40'05	
	-9419 Aug 27 j 08:14	0°♋	
evening rise	-9419 Sep 08 j 14:14	19°♋32'49	
	-9419 Sep 15 j 02:07	0°♌	
evening max el	-9419 Sep 29 j 15:44	20°♌52'17	18°51'58
retrograde	-9419 Oct 06 j 11:27	24°♌43'22	
asc. node	-9419 Oct 07 j 22:23	24°♌31'18	
evening set	-9419 Oct 09 j 12:52	23°♌50'06	
inferior conj	-9419 Oct 15 j 09:43	18°♌05'02	2°17'36
minimum elong	-9419 Oct 15 j 06:44	18°♌14'08	2°17'01
min. Earth dist.	-9419 Oct 17 j 00:29	16°♌07'05	0.65156 AU
morning rise	-9419 Oct 21 j 00:11	11°♌55'17	
direct	-9419 Oct 27 j 12:56	9°♌10'45	
morning max el	-9419 Nov 09 j 12:27	16°♌39'01	26°45'45
	-9419 Nov 20 j 17:56	0°♍	
desc. node	-9419 Nov 23 j 03:40	3°♍19'27	
	-9419 Dec 09 j 21:01	0°♎	
morning set	-9419 Dec 15 j 06:19	9°♎55'53	
max. Earth dist.	-9419 Dec 19 j 16:34	18°♎35'29	1.34810 AU
superior conj	-9419 Dec 23 j 17:53	26°♎52'21	-1°28'53
minimum elong	-9419 Dec 23 j 20:06	27°♎03'52	1°28'52
	-9419 Dec 25 j 05:54	0°♏	
evening rise	-9419 Dec 31 j 05:10	12°♏30'04	
asc. node	-9418 Jan 03 j 20:18	19°♏51'01	
	-9418 Jan 09 j 08:44	0°♐	
evening max el	-9418 Jan 20 j 01:36	14°♐13'37	21°14'34
retrograde	-9418 Jan 31 j 16:02	19°♐42'43	
evening set	-9418 Feb 03 j 09:38	19°♐25'32	
inferior conj	-9418 Feb 12 j 10:34	15°♐26'03	1°44'41
minimum elong	-9418 Feb 12 j 14:53	15°♐19'53	1°42'50
min. Earth dist.	-9418 Feb 13 j 02:59	15°♐02'37	0.55424 AU
desc. node	-9418 Feb 19 j 04:42	12°♐01'23	
morning rise	-9418 Feb 21 j 19:34	11°♐14'55	
direct	-9418 Feb 24 j 17:53	10°♐56'00	
morning max el	-9418 Mar 09 j 12:48	17°♐07'46	22°14'52
	-9418 Mar 19 j 15:00	0°♑	
morning set	-9418 Mar 30 j 23:34	21°♑10'47	
asc. node	-9418 Apr 01 j 19:10	24°♑58'46	
	-9418 Apr 04 j 04:08	0°♒	
superior conj	-9418 Apr 07 j 06:35	6°♒33'27	0°51'20
minimum elong	-9418 Apr 07 j 04:27	6°♒22'14	0°50'28
max. Earth dist.	-9418 Apr 10 j 07:55	12°♒54'52	1.34485 AU
evening rise	-9418 Apr 15 j 07:10	22°♒51'39	
	-9418 Apr 19 j 01:27	0°♓	

	-9418 May 07 j 13:35	0°♈	
desc. node	-9418 May 18 j 03:03	13°♈02'23	
evening max el	-9418 May 19 j 23:43	14°♈55'47	27°09'46
retrograde	-9418 Jun 02 j 08:31	22°♈25'05	
evening set	-9418 Jun 09 j 06:09	19°♈38'12	
min. Earth dist.	-9418 Jun 13 j 00:26	15°♈56'25	0.64793 AU
inferior conj	-9418 Jun 15 j 03:12	13°♈31'51	-3°23'15
minimum elong	-9418 Jun 15 j 05:32	13°♈25'12	3°22'49
morning rise	-9418 Jun 21 j 05:20	7°♈59'21	
direct	-9418 Jun 24 j 03:50	7°♈12'49	
asc. node	-9418 Jun 28 j 19:43	9°♈04'53	
morning max el	-9418 Jun 30 j 16:39	10°♈45'09	18°19'40
	-9418 Jul 13 j 23:02	0°♉	
morning set	-9418 Jul 19 j 14:09	9°♉22'43	
	-9418 Aug 01 j 04:11	0°♊	
superior conj	-9418 Aug 02 j 19:09	2°♊36'15	1°04'14
minimum elong	-9418 Aug 03 j 01:34	3°♊01'57	1°04'01
max. Earth dist.	-9418 Aug 06 j 02:39	7°♊53'01	1.44402 AU
desc. node	-9418 Aug 14 j 00:22	20°♊20'50	
evening rise	-9418 Aug 19 j 10:55	28°♊51'18	
	-9418 Aug 20 j 04:32	0°♋	
greatest brilliancy	-9418 Aug 30 j 20:43	16°♋30'19	-0.7m
	-9418 Sep 09 j 06:42	0°♌	
evening max el	-9418 Sep 12 j 23:55	4°♌20'31	19°39'13
retrograde	-9418 Sep 20 j 07:43	8°♌34'38	
evening set	-9418 Sep 23 j 17:37	7°♌26'53	
asc. node	-9418 Sep 24 j 19:34	6°♌37'36	
inferior conj	-9418 Sep 29 j 07:57	1°♌29'33	1°26'43
minimum elong	-9418 Sep 29 j 05:59	1°♌35'56	1°26'29
	-9418 Sep 30 j 11:32	30°℞♋	
min. Earth dist.	-9418 Sep 30 j 10:29	0°♌03'25	0.66124 AU
morning rise	-9418 Oct 04 j 18:04	25°♋13'18	
direct	-9418 Oct 10 j 17:18	22°♋39'48	
morning max el	-9418 Oct 22 j 22:20	29°♋50'59	25°41'41
	-9418 Oct 23 j 01:56	0°♌	
desc. node	-9418 Nov 10 j 00:23	22°♌57'03	
	-9418 Nov 14 j 15:30	0°♍	
morning set	-9418 Nov 28 j 01:31	22°♍40'26	
	-9418 Dec 01 j 23:56	0°♎	
max. Earth dist.	-9418 Dec 01 j 23:46	29°♍59'12	1.36328 AU
superior conj	-9418 Dec 07 j 12:53	10°♎49'57	-1°39'42
minimum elong	-9418 Dec 07 j 14:19	10°♎57'07	1°39'40
evening rise	-9418 Dec 15 j 11:08	26°♎58'08	
	-9418 Dec 16 j 23:11	0°♏	
asc. node	-9418 Dec 21 j 17:36	9°♏11'23	
evening max el	-9417 Jan 02 j 10:14	25°♏50'44	19°59'06
	-9417 Jan 08 j 23:17	0°♐	
retrograde	-9417 Jan 12 j 10:22	0°♐33'14	
evening set	-9417 Jan 14 j 23:04	0°♐16'31	
	-9417 Jan 16 j 00:42	30°℞♏	
inferior conj	-9417 Jan 23 j 12:26	26°♏14'23	3°12'34
minimum elong	-9417 Jan 23 j 17:59	26°♏05'48	3°10'54
min. Earth dist.	-9417 Jan 25 j 16:42	24°♏53'52	0.56132 AU
morning rise	-9417 Feb 01 j 10:54	21°♏40'01	
direct	-9417 Feb 05 j 12:29	21°♏03'21	
desc. node	-9417 Feb 06 j 01:37	21°♏04'01	
morning max el	-9417 Feb 19 j 06:19	27°♏54'28	23°51'48
	-9417 Feb 21 j 07:47	0°♐	
	-9417 Mar 12 j 10:50	0°♑	
morning set	-9417 Mar 15 j 11:43	6°♑13'56	
asc. node	-9417 Mar 19 j 16:10	15°♑08'54	
superior conj	-9417 Mar 22 j 13:31	21°♑22'07	0°28'09
minimum elong	-9417 Mar 22 j 12:20	21°♑15'43	0°27'22
max. Earth dist.	-9417 Mar 24 j 11:43	25°♑28'50	1.33576 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9417 Mar 26 j 15:13	0°♒	
evening rise	-9417 Mar 30 j 02:37	7°♒06'45	
	-9417 Apr 11 j 14:37	0°♓	
evening max el	-9417 May 02 j 09:34	27°♓52'46	27°26'18
	-9417 May 04 j 17:20	0°♈	
desc. node	-9417 May 05 j 00:25	0°♈14'59	
retrograde	-9417 May 16 j 03:52	5°♈24'39	
evening set	-9417 May 23 j 04:19	2°♈50'13	
	-9417 May 26 j 11:00	30°℞♓	
min. Earth dist.	-9417 May 26 j 19:23	29°♓39'23	0.63235 AU
inferior conj	-9417 May 29 j 12:35	26°♓52'09	-3°40'26
minimum elong	-9417 May 29 j 13:46	26°♓49'05	3°40'28
morning rise	-9417 Jun 05 j 00:13	21°♓37'37	
direct	-9417 Jun 07 j 18:01	21°♓00'52	
morning max el	-9417 Jun 14 j 06:40	24°♓24'04	18°02'21
asc. node	-9417 Jun 15 j 16:35	25°♓54'58	
	-9417 Jun 18 j 19:58	0°♈	
morning set	-9417 Jul 01 j 09:56	20°♈55'34	
	-9417 Jul 06 j 15:26	0°♉	
superior conj	-9417 Jul 13 j 17:11	11°♉57'11	1°34'14
minimum elong	-9417 Jul 13 j 22:23	12°♉18'46	1°34'12
max. Earth dist.	-9417 Jul 19 j 16:33	21°♉43'28	1.43496 AU
	-9417 Jul 24 j 21:04	0°♊	
evening rise	-9417 Jul 29 j 13:30	7°♊20'05	
desc. node	-9417 Jul 31 j 21:37	10°♊57'14	
	-9417 Aug 13 j 12:46	0°♋	
evening max el	-9417 Aug 27 j 02:09	17°♋46'36	20°41'09
retrograde	-9417 Sep 04 j 04:36	22°♋32'11	
evening set	-9417 Sep 08 j 01:13	21°♋06'55	
asc. node	-9417 Sep 11 j 16:42	17°♋20'06	
inferior conj	-9417 Sep 13 j 10:48	15°♋00'41	0°34'22
minimum elong	-9417 Sep 13 j 10:01	15°♋03'22	0°34'36
min. Earth dist.	-9417 Sep 14 j 02:17	14°♋08'16	0.66786 AU
morning rise	-9417 Sep 18 j 18:37	8°♋41'29	
direct	-9417 Sep 24 j 03:10	6°♋24'32	
morning max el	-9417 Oct 05 j 07:51	13°♋06'08	24°22'48
	-9417 Oct 19 j 00:10	0°♌	
desc. node	-9417 Oct 27 j 21:09	12°♌59'02	
	-9417 Nov 07 j 11:13	0°♍	
morning set	-9417 Nov 10 j 00:06	4°♍20'17	
max. Earth dist.	-9417 Nov 13 j 22:51	11°♍18'26	1.38190 AU
superior conj	-9417 Nov 20 j 20:41	24°♍09'33	-1°43'42
minimum elong	-9417 Nov 20 j 20:32	24°♍08'54	1°43'35
	-9417 Nov 23 j 20:58	0°♎	
evening rise	-9417 Nov 29 j 11:26	11°♎03'55	
asc. node	-9417 Dec 08 j 14:54	28°♎00'58	
	-9417 Dec 09 j 20:46	0°♏	
evening max el	-9417 Dec 16 j 05:08	8°♏02'34	19°02'12
retrograde	-9417 Dec 24 j 18:44	12°♏08'11	
evening set	-9417 Dec 27 j 06:42	11°♏48'47	
inferior conj	-9416 Jan 04 j 06:03	7°♏31'57	4°02'14
minimum elong	-9416 Jan 04 j 09:02	7°♏26'41	4°01'37
min. Earth dist.	-9416 Jan 07 j 07:28	5°♏23'21	0.57542 AU
morning rise	-9416 Jan 12 j 09:06	2°♏31'46	
direct	-9416 Jan 17 j 18:59	1°♏22'33	
desc. node	-9416 Jan 23 j 22:28	2°♏50'44	
morning max el	-9416 Jan 31 j 21:14	8°♏36'13	25°25'16
	-9416 Feb 16 j 20:12	0°♐	
morning set	-9416 Feb 28 j 00:08	21°♐19'06	
	-9416 Mar 03 j 01:33	0°♑	
superior conj	-9416 Mar 05 j 23:45	6°♑21'39	0°04'21
minimum elong	-9416 Mar 05 j 23:35	6°♑20'46	0°03'45
behind sun begin	-9416 Mar 05 j 18:40	5°♑54'03	
behind sun end	-9416 Mar 06 j 04:30	6°♑47'29	

asc. node	-9416 Mar 05 j 13:13	5°♑24'25	
max. Earth dist.	-9416 Mar 06 j 22:01	8°♑22'33	1.33007 AU
evening rise	-9416 Mar 13 j 05:27	21°♑44'54	
	-9416 Mar 17 j 08:55	0°♒	
	-9416 Apr 04 j 17:40	0°♓	
evening max el	-9416 Apr 13 j 16:08	10°♓19'16	27°10'55
desc. node	-9416 Apr 20 j 21:43	15°♓51'54	
retrograde	-9416 Apr 27 j 16:30	17°♓48'17	
evening set	-9416 May 04 j 10:39	15°♓40'04	
min. Earth dist.	-9416 May 08 j 05:12	12°♓48'01	0.61364 AU
inferior conj	-9416 May 11 j 09:52	9°♓54'23	-3°41'31
minimum elong	-9416 May 11 j 09:08	9°♓56'03	3°41'45
morning rise	-9416 May 18 j 09:26	4°♓59'28	
direct	-9416 May 20 j 23:31	4°♓30'58	
morning max el	-9416 May 27 j 20:12	7°♓55'56	18°03'32
asc. node	-9416 Jun 01 j 13:26	13°♓43'06	
	-9416 Jun 11 j 04:27	0°♈	
morning set	-9416 Jun 13 j 01:58	3°♈27'35	
superior conj	-9416 Jun 23 j 18:28	22°♈38'56	1°48'14
minimum elong	-9416 Jun 23 j 20:13	22°♈46'30	1°48'20
	-9416 Jun 28 j 01:12	0°♉	
max. Earth dist.	-9416 Jul 01 j 00:58	5°♉00'37	1.42050 AU
evening rise	-9416 Jul 07 j 18:48	15°♉57'16	
	-9416 Jul 16 j 20:18	0°♊	
desc. node	-9416 Jul 17 j 18:54	1°♊25'15	
	-9416 Aug 07 j 19:11	0°♋	
evening max el	-9416 Aug 08 j 21:37	1°♋09'15	21°54'50
retrograde	-9416 Aug 18 j 00:10	6°♋32'51	
evening set	-9416 Aug 22 j 09:36	4°♋47'35	
	-9416 Aug 26 j 15:38	30°℞♊	
inferior conj	-9416 Aug 27 j 16:17	28°♊35'30	-0°17'32
minimum elong	-9416 Aug 27 j 16:39	28°♊34'13	0°16'48
min. Earth dist.	-9416 Aug 27 j 21:22	28°♊17'55	0.67165 AU
asc. node	-9416 Aug 28 j 13:47	27°♊21'32	
morning rise	-9416 Sep 01 j 23:33	22°♊17'03	
direct	-9416 Sep 06 j 17:47	20°♊19'08	
morning max el	-9416 Sep 16 j 18:35	26°♊20'53	22°58'09
	-9416 Sep 20 j 02:19	0°♋	
	-9416 Oct 11 j 14:59	0°♌	
desc. node	-9416 Oct 13 j 17:57	3°♌17'24	
morning set	-9416 Oct 20 j 20:40	14°♌41'23	
max. Earth dist.	-9416 Oct 25 j 20:41	23°♌04'59	1.40199 AU
	-9416 Oct 29 j 20:02	0°♍	
superior conj	-9416 Nov 02 j 12:31	6°♍37'25	-1°38'28
minimum elong	-9416 Nov 02 j 10:08	6°♍26'31	1°38'04
evening rise	-9416 Nov 12 j 03:14	24°♍39'37	
	-9416 Nov 14 j 22:55	0°♎	
asc. node	-9416 Nov 24 j 12:12	16°♎09'08	
evening max el	-9416 Nov 28 j 08:43	20°♎43'31	18°25'27
retrograde	-9416 Dec 05 j 21:00	24°♎26'03	
evening set	-9416 Dec 08 j 09:28	24°♎02'17	
inferior conj	-9416 Dec 15 j 19:09	19°♎24'38	4°14'55
minimum elong	-9416 Dec 15 j 18:40	19°♎25'36	4°14'47
min. Earth dist.	-9416 Dec 19 j 01:32	16°♎46'01	0.59350 AU
morning rise	-9416 Dec 23 j 02:08	14°♎03'12	
direct	-9416 Dec 29 j 13:18	12°♎15'08	
desc. node	-9415 Jan 09 j 19:16	17°♎07'53	
morning max el	-9415 Jan 12 j 15:26	19°♎39'10	26°40'28
	-9415 Jan 21 j 12:26	0°♏	
	-9415 Feb 08 j 08:41	0°♐	
morning set	-9415 Feb 11 j 11:00	6°♐19'26	
superior conj	-9415 Feb 18 j 11:27	21°♐25'23	-0°19'14
minimum elong	-9415 Feb 18 j 12:16	21°♐29'53	0°19'38
max. Earth dist.	-9415 Feb 18 j 11:25	21°♐25'14	1.32763 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

asc. node	-9415 Feb 20 j 10:19	25°♐41'09	
	-9415 Feb 22 j 10:08	0°♑	
evening rise	-9415 Feb 25 j 13:05	6°♑37'04	
	-9415 Mar 10 j 00:09	0°♒	
evening max el	-9415 Mar 26 j 17:36	22°♒08'33	26°23'17
desc. node	-9415 Apr 07 j 18:57	29°♒18'59	
retrograde	-9415 Apr 09 j 20:37	29°♒29'41	
evening set	-9415 Apr 15 j 22:03	27°♒56'45	
min. Earth dist.	-9415 Apr 20 j 06:52	25°♒08'35	0.59358 AU
inferior conj	-9415 Apr 23 j 15:27	22°♒30'08	-3°20'01
minimum elong	-9415 Apr 23 j 12:27	22°♒36'06	3°19'59
morning rise	-9415 May 01 j 05:31	17°♒55'28	
direct	-9415 May 03 j 16:16	17°♒33'53	
morning max el	-9415 May 11 j 06:29	21°♒13'10	18°23'58
	-9415 May 18 j 00:54	0°♓	
asc. node	-9415 May 19 j 10:16	2°♓16'16	
morning set	-9415 May 27 j 09:28	16°♓47'53	
	-9415 Jun 03 j 08:51	0°♈	
superior conj	-9415 Jun 05 j 20:34	4°♈36'10	1°48'48
minimum elong	-9415 Jun 05 j 19:27	4°♈31'03	1°48'44
max. Earth dist.	-9415 Jun 13 j 04:18	17°♈38'07	1.40262 AU
evening rise	-9415 Jun 17 j 22:03	25°♈39'14	
	-9415 Jun 20 j 13:38	0°♉	
desc. node	-9415 Jul 04 j 16:15	21°♉40'42	
	-9415 Jul 10 j 13:51	0°♊	
evening max el	-9415 Jul 22 j 11:22	14°♊30'53	23°15'29
retrograde	-9415 Aug 01 j 17:05	20°♊34'53	
evening set	-9415 Aug 06 j 16:55	18°♊28'29	
inferior conj	-9415 Aug 11 j 22:36	12°♊13'17	-1°07'15
minimum elong	-9415 Aug 12 j 00:01	12°♊08'27	1°06'10
min. Earth dist.	-9415 Aug 11 j 17:16	12°♊31'42	0.67256 AU
asc. node	-9415 Aug 15 j 10:47	7°♊44'05	
morning rise	-9415 Aug 17 j 07:01	5°♊59'14	
direct	-9415 Aug 21 j 12:13	4°♊20'29	
morning max el	-9415 Aug 30 j 09:36	9°♊39'07	21°36'01
	-9415 Sep 14 j 23:15	0°♋	
morning set	-9415 Sep 30 j 14:43	23°♋46'54	
desc. node	-9415 Sep 30 j 14:48	23°♋47'13	
	-9415 Oct 04 j 12:09	0°♌	
max. Earth dist.	-9415 Oct 07 j 23:54	5°♌41'30	1.42079 AU
superior conj	-9415 Oct 15 j 06:47	17°♌59'13	-1°21'15
minimum elong	-9415 Oct 15 j 02:13	17°♌39'29	1°20'24
	-9415 Oct 22 j 02:07	0°♍	
evening rise	-9415 Oct 26 j 07:08	7°♍37'45	
	-9415 Nov 08 j 13:38	0°♎	
asc. node	-9415 Nov 11 j 09:29	3°♎23'21	
evening max el	-9415 Nov 11 j 18:20	3°♎45'54	18°08'43
retrograde	-9415 Nov 18 j 15:26	7°♎18'19	
evening set	-9415 Nov 21 j 05:15	6°♎48'57	
inferior conj	-9415 Nov 28 j 02:33	1°♎49'22	4°00'22
minimum elong	-9415 Nov 27 j 23:46	1°♎55'54	4°00'04
	-9415 Nov 30 j 01:07	30°℞♍	
min. Earth dist.	-9415 Dec 01 j 02:20	29°♍02'20	0.61236 AU
morning rise	-9415 Dec 04 j 17:07	26°♍10'30	
direct	-9415 Dec 11 j 17:08	23°♍49'44	
	-9415 Dec 24 j 05:42	0°♎	
morning max el	-9415 Dec 25 j 16:00	1°♎19'53	27°25'45
desc. node	-9415 Dec 27 j 16:00	3°♎21'31	
	-9414 Jan 15 j 14:23	0°♏	
morning set	-9414 Jan 26 j 18:25	21°♏07'40	
	-9414 Jan 30 j 23:31	0°♐	
max. Earth dist.	-9414 Feb 02 j 00:16	4°♐23'28	1.32849 AU
superior conj	-9414 Feb 02 j 22:57	6°♐26'52	-0°41'46
minimum elong	-9414 Feb 03 j 00:36	6°♐35'51	0°41'58
asc. node	-9414 Feb 07 j 07:26	15°♐54'37	
evening rise	-9414 Feb 09 j 23:28	21°♐35'23	
	-9414 Feb 14 j 02:36	0°♑	
	-9414 Mar 05 j 07:58	0°♒	
evening max el	-9414 Mar 08 j 13:27	3°♒21'16	25°08'33
retrograde	-9414 Mar 22 j 13:49	10°♒27'40	
desc. node	-9414 Mar 25 j 16:08	10°♒05'11	
evening set	-9414 Mar 27 j 13:59	9°♒29'34	
min. Earth dist.	-9414 Apr 02 j 02:25	6°♒31'24	0.57489 AU
inferior conj	-9414 Apr 05 j 02:00	4°♒29'42	-2°28'35
minimum elong	-9414 Apr 04 j 21:45	4°♒37'00	2°28'05
morning rise	-9414 Apr 13 j 08:42	0°♒14'00	
	-9414 Apr 14 j 20:34	30°℞♑	
direct	-9414 Apr 15 j 16:14	29°♑57'57	
	-9414 Apr 16 j 11:43	0°♒	
morning max el	-9414 Apr 24 j 10:34	4°♒05'47	19°04'12
asc. node	-9414 May 06 j 07:05	21°♒23'11	
	-9414 May 10 j 19:02	0°♓	
morning set	-9414 May 11 j 04:11	0°♓44'56	
superior conj	-9414 May 19 j 17:49	17°♓33'05	1°39'37
minimum elong	-9414 May 19 j 15:13	17°♓20'35	1°39'14
max. Earth dist.	-9414 May 26 j 05:04	29°♓38'11	1.38373 AU
	-9414 May 26 j 09:53	0°♈	
evening rise	-9414 May 30 j 04:37	6°♈42'38	
	-9414 Jun 13 j 12:55	0°♉	
desc. node	-9414 Jun 21 j 13:38	11°♉37'04	
evening max el	-9414 Jul 04 j 21:44	27°♉53'10	24°36'34
	-9414 Jul 07 j 03:43	0°♊	
retrograde	-9414 Jul 16 j 06:25	4°♊34'24	
evening set	-9414 Jul 21 j 21:18	2°♊08'09	
	-9414 Jul 23 j 23:03	30°℞♉	
min. Earth dist.	-9414 Jul 26 j 11:34	26°♉47'41	0.67032 AU
inferior conj	-9414 Jul 27 j 04:03	25°♉52'17	-1°53'17
minimum elong	-9414 Jul 27 j 06:15	25°♉44'52	1°52'06
morning rise	-9414 Aug 01 j 15:11	19°♉46'00	
asc. node	-9414 Aug 02 j 07:43	19°♉18'49	
direct	-9414 Aug 05 j 09:10	18°♉24'59	
morning max el	-9414 Aug 13 j 07:03	23°♉04'04	20°22'44
	-9414 Aug 19 j 01:24	0°♊	
	-9414 Sep 08 j 07:06	0°♋	
morning set	-9414 Sep 09 j 17:07	2°♋11'53	
desc. node	-9414 Sep 17 j 11:45	14°♋24'28	
max. Earth dist.	-9414 Sep 20 j 10:00	19°♋05'03	1.43551 AU
superior conj	-9414 Sep 25 j 22:15	28°♋02'25	-0°50'06
minimum elong	-9414 Sep 25 j 17:34	27°♋43'09	0°49'00
	-9414 Sep 27 j 02:45	0°♌	
evening rise	-9414 Oct 08 j 18:45	19°♌48'40	
	-9414 Oct 14 j 16:14	0°♍	
evening max el	-9414 Oct 26 j 07:08	17°♍02'38	18°11'17
asc. node	-9414 Oct 29 j 06:44	19°♍28'47	
retrograde	-9414 Nov 01 j 21:58	20°♍35'34	
evening set	-9414 Nov 04 j 14:33	19°♍59'00	
inferior conj	-9414 Nov 11 j 01:03	14°♍39'24	3°28'12
minimum elong	-9414 Nov 10 j 21:25	14°♍48'58	3°27'36
min. Earth dist.	-9414 Nov 13 j 12:48	12°♍02'17	0.62971 AU
morning rise	-9414 Nov 17 j 03:30	8°♍46'00	
direct	-9414 Nov 24 j 05:02	6°♍05'15	
morning max el	-9414 Dec 07 j 22:22	13°♍39'55	27°36'02
desc. node	-9414 Dec 14 j 12:42	20°♍59'31	
	-9414 Dec 21 j 05:51	0°♎	
	-9413 Jan 08 j 00:02	0°♏	
morning set	-9413 Jan 10 j 20:08	5°♏35'56	
max. Earth dist.	-9413 Jan 16 j 08:41	17°♏03'31	1.33287 AU
superior conj	-9413 Jan 18 j 08:37	21°♏20'11	-1°02'28

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

minimum elong	-9413 Jan 18 j 10:50	21°♏32'04	1°02'31
	-9413 Jan 22 j 08:58	0°♐	
evening rise	-9413 Jan 25 j 10:50	6°♐33'20	
asc. node	-9413 Jan 25 j 04:37	6°♐00'38	
	-9413 Feb 07 j 00:55	0°♑	
evening max el	-9413 Feb 18 j 06:24	14°♑12'53	23°37'50
retrograde	-9413 Mar 03 j 18:58	20°♑52'32	
evening set	-9413 Mar 07 j 15:31	20°♑19'46	
desc. node	-9413 Mar 12 j 13:13	18°♑15'57	
min. Earth dist.	-9413 Mar 14 j 18:43	16°♑59'38	0.56076 AU
inferior conj	-9413 Mar 16 j 16:56	15°♑49'55	-1°04'15
minimum elong	-9413 Mar 16 j 14:19	15°♑53'52	1°04'00
morning rise	-9413 Mar 25 j 15:47	11°♑47'00	
direct	-9413 Mar 27 j 21:51	11°♑34'08	
morning max el	-9413 Apr 07 j 05:48	16°♑25'20	20°04'13
	-9413 Apr 17 j 07:01	0°♒	
asc. node	-9413 Apr 23 j 03:58	10°♒55'54	
morning set	-9413 Apr 25 j 06:50	15°♒10'07	
	-9413 May 02 j 14:04	0°♓	
superior conj	-9413 May 03 j 05:07	1°♓15'28	1°23'54
minimum elong	-9413 May 03 j 02:10	1°♓00'41	1°23'13
max. Earth dist.	-9413 May 08 j 08:40	11°♓20'11	1.36621 AU
evening rise	-9413 May 12 j 11:05	18°♓59'48	
	-9413 May 18 j 16:57	0°♈	
	-9413 Jun 07 j 14:36	0°♉	
desc. node	-9413 Jun 08 j 11:01	1°♉05'59	
evening max el	-9413 Jun 17 j 07:31	11°♉16'57	25°50'02
retrograde	-9413 Jun 29 j 15:34	18°♉26'24	
evening set	-9413 Jul 05 j 20:42	15°♉45'00	
min. Earth dist.	-9413 Jul 10 j 02:00	11°♉03'13	0.66458 AU
inferior conj	-9413 Jul 11 j 06:48	9°♉30'47	-2°34'08
minimum elong	-9413 Jul 11 j 09:28	9°♉22'14	2°33'05
morning rise	-9413 Jul 16 j 22:19	3°♉35'19	
direct	-9413 Jul 20 j 07:06	2°♉29'42	
asc. node	-9413 Jul 20 j 04:37	2°♉29'45	
morning max el	-9413 Jul 27 j 11:09	6°♉36'22	19°22'25
	-9413 Aug 13 j 01:33	0°♊	
morning set	-9413 Aug 20 j 00:12	10°♊53'15	
	-9413 Sep 01 j 03:37	0°♋	
max. Earth dist.	-9413 Sep 03 j 00:52	2°♋59'03	1.44429 AU
desc. node	-9413 Sep 04 j 08:47	5°♋05'33	
superior conj	-9413 Sep 05 j 11:14	6°♋50'43	-0°06'44
minimum elong	-9413 Sep 05 j 10:29	6°♋47'44	0°06'04
behind sun begin	-9413 Sep 04 j 23:58	6°♋05'54	
behind sun end	-9413 Sep 05 j 21:00	7°♋29'36	
	-9413 Sep 19 j 18:20	0°♌	
evening rise	-9413 Sep 20 j 08:42	0°♌59'14	
	-9413 Oct 09 j 09:49	0°♍	
evening max el	-9413 Oct 09 j 20:13	0°♍27'19	18°32'09
asc. node	-9413 Oct 16 j 03:58	4°♍08'57	
retrograde	-9413 Oct 16 j 12:18	4°♍09'37	
evening set	-9413 Oct 19 j 09:45	3°♍23'25	
	-9413 Oct 23 j 11:52	30°℞♌	
inferior conj	-9413 Oct 25 j 11:07	27°♌46'51	2°45'17
minimum elong	-9413 Oct 25 j 07:42	27°♌56'46	2°44'36
min. Earth dist.	-9413 Oct 27 j 09:30	25°♌32'07	0.64444 AU
morning rise	-9413 Oct 31 j 05:05	21°♌41'56	
direct	-9413 Nov 07 j 00:01	18°♌55'04	
morning max el	-9413 Nov 20 j 07:49	26°♌29'06	27°12'27
	-9413 Nov 23 j 15:57	0°♍	
desc. node	-9413 Dec 01 j 09:24	9°♍36'41	
	-9413 Dec 14 j 18:39	0°♎	
morning set	-9413 Dec 25 j 13:08	19°♎33'15	
max. Earth dist.	-9413 Dec 30 j 08:44	29°♎12'28	1.34125 AU
	-9413 Dec 30 j 17:57	0°♏	

superior conj	-9412 Jan 02 j 14:29	5°♏57'39	-1°20'22
minimum elong	-9412 Jan 02 j 16:51	6°♏10'08	1°20'20
evening rise	-9412 Jan 09 j 21:27	21°♏23'40	
asc. node	-9412 Jan 12 j 01:51	25°♏53'23	
	-9412 Jan 14 j 03:22	0°♐	
evening max el	-9412 Jan 31 j 01:51	25°♐07'11	22°04'39
	-9412 Feb 07 j 06:17	0°♑	
retrograde	-9412 Feb 12 j 13:04	1°♑04'43	
evening set	-9412 Feb 15 j 12:54	0°♑44'54	
	-9412 Feb 18 j 01:14	30°℞♐	
inferior conj	-9412 Feb 24 j 17:13	26°♐38'49	0°42'49
minimum elong	-9412 Feb 24 j 19:05	26°♐36'09	0°41'39
min. Earth dist.	-9412 Feb 24 j 09:42	26°♐49'31	0.55404 AU
desc. node	-9412 Feb 27 j 10:15	25°♐08'21	
morning rise	-9412 Mar 05 j 01:56	22°♐35'00	
direct	-9412 Mar 07 j 14:11	22°♐20'40	
morning max el	-9412 Mar 19 j 14:08	28°♐04'27	21°22'49
	-9412 Mar 21 j 11:39	0°♑	
morning set	-9412 Apr 08 j 14:49	29°♑55'25	
	-9412 Apr 08 j 15:43	0°♒	
asc. node	-9412 Apr 09 j 00:53	0°♒47'20	
superior conj	-9412 Apr 16 j 02:21	15°♒30'53	1°04'00
minimum elong	-9412 Apr 15 j 23:48	15°♒17'37	1°03'09
max. Earth dist.	-9412 Apr 19 j 20:52	23°♒12'30	1.35163 AU
	-9412 Apr 23 j 07:39	0°♓	
evening rise	-9412 Apr 24 j 11:46	2°♓14'44	
	-9412 May 10 j 15:42	0°♈	
desc. node	-9412 May 25 j 08:24	19°♈56'02	
evening max el	-9412 May 29 j 18:12	24°♈38'49	26°47'22
	-9412 Jun 05 j 09:44	0°♉	
retrograde	-9412 Jun 11 j 19:56	2°♉04'24	
	-9412 Jun 17 j 14:32	30°℞♈	
evening set	-9412 Jun 18 j 12:41	29°♈16'21	
min. Earth dist.	-9412 Jun 22 j 10:25	25°♈13'19	0.65508 AU
inferior conj	-9412 Jun 24 j 04:51	23°♈06'11	-3°07'58
minimum elong	-9412 Jun 24 j 07:29	22°♈58'17	3°07'16
morning rise	-9412 Jun 30 j 02:32	17°♈24'23	
direct	-9412 Jul 03 j 04:11	16°♈31'35	
asc. node	-9412 Jul 06 j 01:30	17°♈16'35	
morning max el	-9412 Jul 09 j 20:43	20°♈14'12	18°37'39
	-9412 Jul 17 j 07:42	0°♉	
morning set	-9412 Jul 30 j 04:28	20°♉34'59	
	-9412 Aug 05 j 00:12	0°♊	
superior conj	-9412 Aug 14 j 10:57	15°♊04'01	0°40'20
minimum elong	-9412 Aug 14 j 15:46	15°♊23'06	0°40'17
max. Earth dist.	-9412 Aug 15 j 17:42	17°♊05'42	1.44614 AU
desc. node	-9412 Aug 21 j 05:54	25°♊47'31	
	-9412 Aug 23 j 21:54	0°♋	
evening rise	-9412 Aug 30 j 20:27	10°♋58'27	
	-9412 Sep 11 j 22:57	0°♌	
evening max el	-9412 Sep 22 j 06:58	13°♌55'50	19°10'12
retrograde	-9412 Sep 29 j 07:09	17°♌55'45	
evening set	-9412 Oct 02 j 11:48	16°♌56'54	
asc. node	-9412 Oct 02 j 01:10	17°♌12'03	
inferior conj	-9412 Oct 08 j 05:41	11°♌06'27	1°56'21
minimum elong	-9412 Oct 08 j 03:06	11°♌14'34	1°55'53
min. Earth dist.	-9412 Oct 09 j 15:12	9°♌21'21	0.65606 AU
morning rise	-9412 Oct 13 j 18:01	4°♌53'24	
direct	-9412 Oct 20 j 01:23	2°♌12'17	
morning max el	-9412 Nov 01 j 17:49	9°♌35'22	26°20'47
desc. node	-9412 Nov 17 j 06:10	28°♌56'06	
	-9412 Nov 17 j 23:47	0°♍	
	-9412 Dec 06 j 05:23	0°♎	
morning set	-9412 Dec 07 j 17:38	2°♎48'06	
max. Earth dist.	-9412 Dec 11 j 21:43	10°♎47'43	1.35404 AU

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

superior conj	-9412 Dec 16 j 14:17	20°♎12'18	-1°34'12
minimum elong	-9412 Dec 16 j 16:15	20°♎22'23	1°34'10
	-9412 Dec 21 j 07:53	0°♏	
evening rise	-9412 Dec 24 j 05:40	6°♏01'13	
asc. node	-9412 Dec 28 j 23:08	15°♏27'13	
	-9411 Jan 06 j 16:15	0°♐	
evening max el	-9411 Jan 12 j 05:00	6°♐25'39	20°40'26
retrograde	-9411 Jan 23 j 03:14	11°♐33'41	
evening set	-9411 Jan 25 j 17:49	11°♐17'21	
inferior conj	-9411 Feb 03 j 14:32	7°♐19'07	2°26'01
minimum elong	-9411 Feb 03 j 19:56	7°♐11'13	2°24'01
min. Earth dist.	-9411 Feb 04 j 23:50	6°♐30'28	0.55625 AU
morning rise	-9411 Feb 12 j 20:34	2°♐58'48	
desc. node	-9411 Feb 13 j 07:13	2°♐52'46	
direct	-9411 Feb 16 j 05:17	2°♐33'57	
morning max el	-9411 Mar 01 j 11:49	9°♐05'06	22°55'34
	-9411 Mar 16 j 11:42	0°♑	
morning set	-9411 Mar 24 j 01:59	14°♑53'43	
asc. node	-9411 Mar 26 j 21:52	20°♑51'50	
superior conj	-9411 Mar 31 j 06:26	0°♒09'27	0°41'38
minimum elong	-9411 Mar 31 j 04:41	0°♒00'08	0°40'47
	-9411 Mar 31 j 04:39	0°♒	
max. Earth dist.	-9411 Apr 02 j 19:30	5°♒31'10	1.34056 AU
evening rise	-9411 Apr 08 j 01:33	16°♒11'39	
	-9411 Apr 15 j 10:15	0°♓	
	-9411 May 05 j 04:37	0°♈	
evening max el	-9411 May 12 j 05:08	7°♈49'05	27°20'38
desc. node	-9411 May 12 j 05:46	7°♈50'39	
retrograde	-9411 May 25 j 18:42	15°♈20'09	
evening set	-9411 Jun 01 j 18:19	12°♈37'12	
min. Earth dist.	-9411 Jun 05 j 10:46	9°♈09'23	0.64170 AU
inferior conj	-9411 Jun 07 j 19:41	6°♈33'50	-3°32'14
minimum elong	-9411 Jun 07 j 21:38	6°♈28'30	3°32'00
morning rise	-9411 Jun 14 j 01:33	1°♈08'24	
direct	-9411 Jun 16 j 21:52	0°♈26'14	
asc. node	-9411 Jun 22 j 22:22	3°♈26'04	
morning max el	-9411 Jun 23 j 09:43	3°♈53'39	18°10'00
	-9411 Jul 10 j 13:36	0°♉	
morning set	-9411 Jul 11 j 10:33	1°♉29'01	
superior conj	-9411 Jul 24 j 19:40	23°♉45'01	1°18'56
minimum elong	-9411 Jul 25 j 02:06	24°♉11'06	1°18'45
	-9411 Jul 28 j 16:47	0°♊	
max. Earth dist.	-9411 Jul 29 j 09:40	1°♊07'27	1.44097 AU
desc. node	-9411 Aug 08 j 03:06	16°♊26'41	
evening rise	-9411 Aug 10 j 07:29	19°♊50'21	
	-9411 Aug 16 j 21:36	0°♋	
greatest brilliancy	-9411 Aug 23 j 07:18	9°♋42'27	-0.7m
evening max el	-9411 Sep 05 j 12:54	27°♋23'34	20°03'59
	-9411 Sep 08 j 11:26	0°♌	
retrograde	-9411 Sep 13 j 03:47	1°♌49'40	
evening set	-9411 Sep 16 j 18:01	0°♌34'48	
	-9411 Sep 17 j 12:12	30°℞♋	
asc. node	-9411 Sep 18 j 22:21	28°♋38'49	
inferior conj	-9411 Sep 22 j 06:08	24°♋33'34	1°04'32
minimum elong	-9411 Sep 22 j 04:39	24°♋38'27	1°04'30
min. Earth dist.	-9411 Sep 23 j 03:53	23°♋21'33	0.66450 AU
morning rise	-9411 Sep 27 j 15:04	18°♋15'48	
direct	-9411 Oct 03 j 08:13	15°♋48'40	
morning max el	-9411 Oct 15 j 03:11	22°♋48'07	25°09'17
	-9411 Oct 21 j 12:25	0°♌	
desc. node	-9411 Nov 04 j 02:55	18°♌44'59	
	-9411 Nov 11 j 07:43	0°♍	
morning set	-9411 Nov 20 j 04:43	15°♍06'18	
max. Earth dist.	-9411 Nov 24 j 00:36	22°♍04'34	1.37091 AU
	-9411 Nov 28 j 04:51	0°♎	

superior conj	-9411 Nov 30 j 05:00	3°♎55'02	-1°42'22
minimum elong	-9411 Nov 30 j 05:52	3°♎59'17	1°42'20
evening rise	-9411 Dec 08 j 09:28	20°♎20'15	
	-9411 Dec 13 j 07:59	0°♏	
asc. node	-9411 Dec 15 j 20:25	4°♏35'17	
evening max el	-9411 Dec 25 j 18:08	18°♏17'48	19°32'28
retrograde	-9410 Jan 04 j 02:17	22°♏42'36	
evening set	-9410 Jan 06 j 14:40	22°♏24'51	
inferior conj	-9410 Jan 14 j 22:07	18°♏17'37	3°38'35
minimum elong	-9410 Jan 15 j 02:54	18°♏09'50	3°37'22
min. Earth dist.	-9410 Jan 17 j 13:32	16°♏35'04	0.56666 AU
morning rise	-9410 Jan 23 j 12:57	13°♏32'23	
direct	-9410 Jan 28 j 04:45	12°♏43'17	
desc. node	-9410 Jan 31 j 04:08	13°♏03'43	
morning max el	-9410 Feb 11 j 03:10	19°♏45'19	24°32'55
	-9410 Feb 19 j 18:17	0°♐	
morning set	-9410 Mar 08 j 14:29	29°♐58'42	
	-9410 Mar 08 j 14:44	0°♑	
asc. node	-9410 Mar 13 j 18:53	11°♑04'49	
superior conj	-9410 Mar 15 j 15:00	15°♑03'35	0°18'05
minimum elong	-9410 Mar 15 j 14:14	14°♑59'29	0°17'21
max. Earth dist.	-9410 Mar 17 j 02:43	18°♑15'57	1.33295 AU
	-9410 Mar 22 j 17:01	0°♒	
evening rise	-9410 Mar 23 j 00:31	0°♒38'07	
	-9410 Apr 08 j 10:59	0°♓	
evening max el	-9410 Apr 24 j 14:07	20°♓35'23	27°23'51
desc. node	-9410 Apr 29 j 03:05	24°♓26'54	
retrograde	-9410 May 08 j 11:05	28°♓05'40	
evening set	-9410 May 15 j 10:10	25°♓41'05	
min. Earth dist.	-9410 May 19 j 01:47	22°♓39'56	0.62474 AU
inferior conj	-9410 May 22 j 00:22	19°♓47'56	-3°43'16
minimum elong	-9410 May 22 j 00:50	19°♓46'48	3°43'24
morning rise	-9410 May 28 j 16:44	14°♓41'21	
direct	-9410 May 31 j 09:01	14°♓08'06	
morning max el	-9410 Jun 06 j 23:49	17°♓30'25	18°00'32
asc. node	-9410 Jun 09 j 19:13	20°♓42'43	
	-9410 Jun 15 j 22:41	0°♈	
morning set	-9410 Jun 23 j 15:38	13°♈29'08	
	-9410 Jul 03 j 01:34	0°♉	
superior conj	-9410 Jul 05 j 05:11	3°♉39'50	1°42'03
minimum elong	-9410 Jul 05 j 08:58	3°♉55'53	1°42'06
max. Earth dist.	-9410 Jul 11 j 22:04	14°♉47'52	1.42947 AU
evening rise	-9410 Jul 20 j 08:29	28°♉15'12	
	-9410 Jul 21 j 11:21	0°♊	
desc. node	-9410 Jul 26 j 00:19	6°♊59'56	
	-9410 Aug 10 j 17:19	0°♋	
evening max el	-9410 Aug 19 j 12:20	10°♋48'16	21°11'15
retrograde	-9410 Aug 28 j 00:14	15°♋48'52	
evening set	-9410 Sep 01 j 02:11	14°♋15'07	
asc. node	-9410 Sep 05 j 19:27	8°♋56'41	
inferior conj	-9410 Sep 06 j 10:19	8°♋06'01	0°12'09
minimum elong	-9410 Sep 06 j 10:01	8°♋07'00	0°12'37
transit middle	-9410 Sep 06 j 10:01	8°♋07'00	0°12'37
transit begin	-9410 Sep 06 j 08:17	8°♋12'56	
transit end	-9410 Sep 06 j 11:45	8°♋01'04	
min. Earth dist.	-9410 Sep 06 j 21:15	7°♋28'33	0.66990 AU
morning rise	-9410 Sep 11 j 17:43	1°♋46'57	
	-9410 Sep 14 j 16:41	30°℞♊	
direct	-9410 Sep 16 j 20:05	29°♊38'09	
	-9410 Sep 19 j 02:15	0°♋	
morning max el	-9410 Sep 27 j 12:56	6°♋02'54	23°46'56
	-9410 Oct 16 j 01:41	0°♌	
desc. node	-9410 Oct 21 j 23:41	8°♌54'32	
morning set	-9410 Nov 01 j 16:41	26°♌13'10	
	-9410 Nov 03 j 21:44	0°♍	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

max. Earth dist.	-9410 Nov 05 j 22:44	3°♍33'38	1.39047 AU
superior conj	-9410 Nov 13 j 06:37	16°♍54'06	-1°42'46
minimum elong	-9410 Nov 13 j 05:35	16°♍49'15	1°42'34
	-9410 Nov 20 j 02:20	0°♎	
evening rise	-9410 Nov 22 j 06:31	4°♎14'10	
asc. node	-9410 Dec 02 j 17:44	23°♎08'31	
	-9410 Dec 07 j 23:59	0°♏	
evening max el	-9410 Dec 08 j 16:54	0°♏42'21	18°44'02
retrograde	-9410 Dec 16 j 18:30	4°♏36'47	
evening set	-9410 Dec 19 j 06:36	4°♏15'39	
inferior conj	-9410 Dec 26 j 23:55	29°♎49'56	4°11'39
minimum elong	-9410 Dec 27 j 01:23	29°♎47'12	4°11'21
	-9410 Dec 26 j 18:33	30°℞♎	
min. Earth dist.	-9410 Dec 30 j 05:01	27°♎26'17	0.58279 AU
morning rise	-9409 Jan 03 j 18:10	24°♎40'12	
direct	-9409 Jan 09 j 15:58	23°♎14'50	
desc. node	-9409 Jan 18 j 00:59	25°♎58'05	
	-9409 Jan 23 j 04:50	0°♏	
morning max el	-9409 Jan 23 j 18:57	0°♏33'20	26°00'29
	-9409 Feb 13 j 11:38	0°♐	
morning set	-9409 Feb 21 j 02:27	15°♐02'47	
superior conj	-9409 Feb 28 j 02:02	0°♑05'28	-0°05'45
minimum elong	-9409 Feb 28 j 02:18	0°♑06'55	0°06'17
behind sun begin	-9409 Feb 27 j 21:40	29°♐41'41	
behind sun end	-9409 Feb 28 j 06:55	0°♑32'08	
	-9409 Feb 28 j 01:02	0°♑	
max. Earth dist.	-9409 Feb 28 j 14:56	1°♑15'49	1.32862 AU
asc. node	-9409 Feb 28 j 15:56	1°♑21'14	
evening rise	-9409 Mar 07 j 05:39	15°♑23'00	
	-9409 Mar 14 j 17:21	0°♒	
	-9409 Apr 04 j 01:50	0°♓	
evening max el	-9409 Apr 06 j 18:31	2°♓45'47	26°54'21
desc. node	-9409 Apr 16 j 00:22	9°♓13'07	
retrograde	-9409 Apr 20 j 20:05	10°♓11'59	
evening set	-9409 Apr 27 j 08:41	8°♓17'47	
min. Earth dist.	-9409 May 01 j 07:38	5°♓29'36	0.60518 AU
inferior conj	-9409 May 04 j 15:22	2°♓39'34	-3°35'36
minimum elong	-9409 May 04 j 13:39	2°♓43'15	3°35'47
	-9409 May 07 j 22:48	30°℞♒	
morning rise	-9409 May 11 j 20:48	27°♒53'30	
direct	-9409 May 14 j 09:34	27°♒28'02	
	-9409 May 20 j 10:48	0°♓	
morning max el	-9409 May 21 j 12:19	0°♓57'01	18°09'55
asc. node	-9409 May 27 j 16:02	8°♓51'09	
morning set	-9409 Jun 06 j 14:46	26°♓22'53	
	-9409 Jun 08 j 13:27	0°♈	
superior conj	-9409 Jun 16 j 17:40	14°♈55'41	1°49'54
minimum elong	-9409 Jun 16 j 18:03	14°♈57'21	1°49'58
max. Earth dist.	-9409 Jun 24 j 04:25	27°♈49'38	1.41317 AU
	-9409 Jun 25 j 11:32	0°♉	
evening rise	-9409 Jun 29 j 21:29	7°♉14'55	
desc. node	-9409 Jul 12 j 21:36	27°♉23'21	
	-9409 Jul 14 j 16:06	0°♊	
evening max el	-9409 Aug 02 j 05:02	24°♊10'00	22°28'32
retrograde	-9409 Aug 11 j 18:55	29°♊51'07	
evening set	-9409 Aug 16 j 10:22	27°♊56'39	
inferior conj	-9409 Aug 21 j 16:22	21°♊42'40	-0°38'59
minimum elong	-9409 Aug 21 j 17:12	21°♊39'48	0°38'05
min. Earth dist.	-9409 Aug 21 j 16:59	21°♊40'35	0.67238 AU
asc. node	-9409 Aug 23 j 16:29	19°♊00'02	
morning rise	-9409 Aug 26 j 23:57	15°♊25'44	
direct	-9409 Aug 31 j 12:19	13°♊36'20	
morning max el	-9409 Sep 10 j 01:23	19°♊19'55	22°22'32
	-9409 Sep 18 j 21:32	0°♋	
desc. node	-9409 Oct 08 j 20:29	29°♋18'41	
	-9409 Oct 09 j 07:00	0°♌	
morning set	-9409 Oct 13 j 01:40	6°♌01'23	
max. Earth dist.	-9409 Oct 18 j 22:35	15°♌41'39	1.41028 AU
superior conj	-9409 Oct 26 j 14:02	28°♌56'00	-1°32'48
minimum elong	-9409 Oct 26 j 10:38	28°♌40'48	1°32'12
	-9409 Oct 27 j 04:22	0°♍	
evening rise	-9409 Nov 05 j 17:48	17°♍35'44	
	-9409 Nov 12 j 12:24	0°♎	
asc. node	-9409 Nov 19 j 15:01	10°♎55'52	
evening max el	-9409 Nov 21 j 23:22	13°♎33'34	18°15'54
retrograde	-9409 Nov 29 j 04:16	17°♎10'45	
evening set	-9409 Dec 01 j 17:00	16°♎44'55	
inferior conj	-9409 Dec 08 j 21:14	11°♎57'52	4°11'30
minimum elong	-9409 Dec 08 j 19:35	12°♎01'27	4°11'20
min. Earth dist.	-9409 Dec 12 j 01:49	9°♎12'55	0.60152 AU
morning rise	-9409 Dec 15 j 20:38	6°♎28'14	
direct	-9409 Dec 22 j 14:36	4°♎25'00	
desc. node	-9408 Jan 04 j 21:46	11°♎09'31	
morning max el	-9408 Jan 05 j 16:02	11°♎52'40	27°03'52
	-9408 Jan 19 j 23:24	0°♏	
morning set	-9408 Feb 05 j 12:07	29°♏59'06	
	-9408 Feb 05 j 12:17	0°♐	
max. Earth dist.	-9408 Feb 12 j 04:28	14°♐17'51	1.32756 AU
superior conj	-9408 Feb 12 j 13:51	15°♐09'02	-0°28'58
minimum elong	-9408 Feb 12 j 15:03	15°♐15'35	0°29'16
asc. node	-9408 Feb 15 j 13:01	21°♐37'04	
	-9408 Feb 19 j 11:09	0°♑	
evening rise	-9408 Feb 19 j 14:40	0°♑18'21	
	-9408 Mar 07 j 02:14	0°♒	
evening max el	-9408 Mar 18 j 17:12	14°♒17'22	25°54'09
retrograde	-9408 Apr 01 j 20:09	21°♒34'17	
desc. node	-9408 Apr 01 j 21:36	21°♒34'16	
evening set	-9408 Apr 07 j 11:36	20°♒16'38	
min. Earth dist.	-9408 Apr 12 j 06:20	17°♒25'42	0.58526 AU
inferior conj	-9408 Apr 15 j 13:05	15°♒00'10	-3°02'11
minimum elong	-9408 Apr 15 j 09:19	15°♒07'12	3°01'57
morning rise	-9408 Apr 23 j 10:07	10°♒34'17	
direct	-9408 Apr 25 j 19:19	10°♒15'23	
morning max el	-9408 May 03 j 20:21	14°♒05'00	18°38'42
asc. node	-9408 May 13 j 12:50	27°♒39'25	
	-9408 May 14 j 20:20	0°♓	
morning set	-9408 May 20 j 03:25	9°♓59'16	
superior conj	-9408 May 29 j 04:34	27°♓19'55	1°45'53
minimum elong	-9408 May 29 j 02:39	27°♓10'58	1°45'43
	-9408 May 30 j 14:58	0°♈	
max. Earth dist.	-9408 Jun 05 j 05:26	10°♈06'54	1.39449 AU
evening rise	-9408 Jun 09 j 12:17	17°♈30'45	
	-9408 Jun 17 j 03:24	0°♉	
desc. node	-9408 Jun 28 j 18:57	17°♉31'25	
	-9408 Jul 08 j 02:02	0°♊	
evening max el	-9408 Jul 14 j 16:49	7°♊30'59	23°50'25
retrograde	-9408 Jul 25 j 10:34	13°♊52'27	
evening set	-9408 Jul 30 j 16:41	11°♊37'21	
inferior conj	-9408 Aug 04 j 22:32	5°♊21'20	-1°27'19
minimum elong	-9408 Aug 05 j 00:19	5°♊15'15	1°26'10
min. Earth dist.	-9408 Aug 04 j 12:34	5°♊55'25	0.67192 AU
	-9408 Aug 09 j 08:23	30°℞♉	
asc. node	-9408 Aug 09 j 13:27	29°♉48'22	
morning rise	-9408 Aug 10 j 07:53	29°♉09'59	
direct	-9408 Aug 14 j 07:59	27°♉39'06	
	-9408 Aug 19 j 20:27	0°♊	
morning max el	-9408 Aug 22 j 18:59	2°♊40'49	21°03'28
	-9408 Sep 11 j 20:44	0°♋	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning set	-9408 Sep 21 j 10:58	14°♋43'34	
desc. node	-9408 Sep 24 j 17:21	19°♋52'06	
max. Earth dist.	-9408 Sep 30 j 04:14	28°♋37'31	1.42763 AU
	-9408 Oct 01 j 00:28	0°♌	
superior conj	-9408 Oct 06 j 21:23	9°♌45'26	-1°09'47
minimum elong	-9408 Oct 06 j 16:22	9°♌24'13	1°08'45
evening rise	-9408 Oct 18 j 15:23	0°♍15'05	
	-9408 Oct 18 j 12:01	0°♍	
evening max el	-9408 Nov 04 j 10:44	26°♍43'02	18°07'32
asc. node	-9408 Nov 05 j 12:18	27°♍42'54	
	-9408 Nov 09 j 10:48	0°♎	
retrograde	-9408 Nov 11 j 04:13	0°♎14'23	
	-9408 Nov 12 j 21:59	30°℞♍	
evening set	-9408 Nov 13 j 18:56	29°♍42'17	
inferior conj	-9408 Nov 20 j 11:30	24°♍34'14	3°48'24
minimum elong	-9408 Nov 20 j 08:12	24°♍42'23	3°47'57
min. Earth dist.	-9408 Nov 23 j 06:43	21°♍49'08	0.62004 AU
morning rise	-9408 Nov 26 j 20:24	18°♍48'47	
direct	-9408 Dec 03 j 22:24	16°♍17'21	
morning max el	-9408 Dec 17 j 19:14	23°♍50'24	27°34'19
desc. node	-9408 Dec 21 j 18:29	28°♍02'21	
	-9408 Dec 23 j 10:37	0°♎	
	-9407 Jan 12 j 03:20	0°♏	
morning set	-9407 Jan 19 j 17:24	14°♏39'44	
max. Earth dist.	-9407 Jan 25 j 15:40	27°♏08'41	1.32986 AU
	-9407 Jan 26 j 23:21	0°♐	
superior conj	-9407 Jan 27 j 00:47	0°♐07'51	-0°50'51
minimum elong	-9407 Jan 27 j 02:43	0°♐18'18	0°50'57
asc. node	-9407 Feb 01 j 10:12	11°♐47'59	
evening rise	-9407 Feb 03 j 01:39	15°♐17'03	
	-9407 Feb 10 j 12:13	0°♑	
evening max el	-9407 Feb 28 j 11:25	25°♑19'02	24°31'12
	-9407 Mar 06 j 14:11	0°♒	
retrograde	-9407 Mar 14 j 08:40	2°♒15'57	
evening set	-9407 Mar 18 j 20:26	1°♒30'27	
desc. node	-9407 Mar 19 j 18:45	1°♒10'15	
	-9407 Mar 22 j 07:05	30°℞♑	
min. Earth dist.	-9407 Mar 25 j 00:33	28°♑24'05	0.56808 AU
inferior conj	-9407 Mar 27 j 15:10	26°♑43'16	-1°56'40
minimum elong	-9407 Mar 27 j 11:10	26°♑49'44	1°56'06
morning rise	-9407 Apr 05 j 05:01	22°♑33'51	
direct	-9407 Apr 07 j 11:17	22°♑19'35	
morning max el	-9407 Apr 16 j 21:01	26°♑44'51	19°27'19
	-9407 Apr 19 j 21:07	0°♒	
asc. node	-9407 Apr 30 j 09:41	16°♒58'24	
morning set	-9407 May 04 j 01:53	24°♒09'25	
	-9407 May 06 j 23:58	0°♓	
superior conj	-9407 May 12 j 08:22	10°♓37'50	1°33'36
minimum elong	-9407 May 12 j 05:29	10°♓23'48	1°33'05
max. Earth dist.	-9407 May 18 j 06:29	21°♓55'29	1.37598 AU
evening rise	-9407 May 22 j 05:45	29°♓07'58	
	-9407 May 22 j 17:30	0°♈	
	-9407 Jun 10 j 10:46	0°♉	
desc. node	-9407 Jun 15 j 16:21	7°♉17'33	
evening max el	-9407 Jun 27 j 02:49	20°♉54'54	25°09'23
retrograde	-9407 Jul 08 j 22:13	27°♉49'30	
evening set	-9407 Jul 14 j 19:13	25°♉16'21	
min. Earth dist.	-9407 Jul 19 j 05:38	20°♉11'52	0.66828 AU
inferior conj	-9407 Jul 20 j 03:06	19°♉00'56	-2°11'21
minimum elong	-9407 Jul 20 j 05:33	18°♉52'50	2°10'11
morning rise	-9407 Jul 25 j 15:51	12°♉58'36	
asc. node	-9407 Jul 27 j 10:21	12°♉03'03	
direct	-9407 Jul 29 j 05:42	11°♉44'16	
morning max el	-9407 Aug 05 j 19:13	16°♉08'45	19°55'17
	-9407 Aug 16 j 09:11	0°♊	
morning set	-9407 Aug 31 j 12:43	23°♊08'18	
	-9407 Sep 04 j 22:12	0°♋	
desc. node	-9407 Sep 11 j 14:20	10°♋31'30	
max. Earth dist.	-9407 Sep 12 j 16:31	12°♋15'47	1.44010 AU
superior conj	-9407 Sep 17 j 01:02	19°♋15'21	-0°32'52
minimum elong	-9407 Sep 16 j 21:31	19°♋01'06	0°31'53
	-9407 Sep 23 j 14:31	0°♌	
evening rise	-9407 Sep 30 j 18:27	12°♌01'52	
	-9407 Oct 11 j 12:45	0°♍	
evening max el	-9407 Oct 19 j 00:05	10°♍04'23	18°18'00
asc. node	-9407 Oct 23 j 09:34	13°♍14'15	
retrograde	-9407 Oct 25 j 14:24	13°♍39'48	
evening set	-9407 Oct 28 j 08:53	12°♍59'21	
inferior conj	-9407 Nov 03 j 15:19	7°♍32'16	3°10'56
minimum elong	-9407 Nov 03 j 11:41	7°♍42'18	3°10'16
min. Earth dist.	-9407 Nov 05 j 21:26	5°♍03'35	0.63645 AU
morning rise	-9407 Nov 09 j 13:48	1°♍33'53	
	-9407 Nov 11 j 22:51	30°℞♌	
direct	-9407 Nov 16 j 13:32	28°♌48'47	
	-9407 Nov 21 j 12:19	0°♍	
morning max el	-9407 Nov 30 j 03:01	6°♍23'24	27°29'44
desc. node	-9407 Dec 08 j 15:12	16°♍08'00	
	-9407 Dec 18 j 08:03	0°♎	
morning set	-9406 Jan 03 j 15:48	28°♎55'53	
	-9406 Jan 04 j 04:40	0°♏	
max. Earth dist.	-9406 Jan 08 j 20:51	9°♏36'02	1.33595 AU
superior conj	-9406 Jan 11 j 09:07	14°♏55'27	-1°10'28
minimum elong	-9406 Jan 11 j 11:27	15°♏07'55	1°10'29
	-9406 Jan 18 j 10:31	0°♐	
evening rise	-9406 Jan 18 j 12:56	0°♐12'41	
asc. node	-9406 Jan 19 j 07:26	1°♐49'11	
	-9406 Feb 04 j 16:30	0°♑	
evening max el	-9406 Feb 10 j 04:55	6°♑09'23	22°57'46
retrograde	-9406 Feb 23 j 08:07	12°♑31'57	
evening set	-9406 Feb 26 j 18:40	12°♑06'07	
min. Earth dist.	-9406 Mar 06 j 16:08	8°♑33'06	0.55687 AU
desc. node	-9406 Mar 06 j 15:51	8°♑33'31	
inferior conj	-9406 Mar 07 j 22:50	7°♑48'25	-0°20'20
minimum elong	-9406 Mar 07 j 21:56	7°♑49'44	0°20'36
morning rise	-9406 Mar 17 j 03:02	3°♑46'54	
direct	-9406 Mar 19 j 10:34	3°♑34'01	
morning max el	-9406 Mar 30 j 11:37	8°♑47'10	20°35'33
	-9406 Apr 13 j 21:19	0°♒	
asc. node	-9406 Apr 17 j 06:36	6°♒40'00	
morning set	-9406 Apr 18 j 07:08	8°♒44'23	
superior conj	-9406 Apr 26 j 00:19	24°♒35'27	1°15'52
minimum elong	-9406 Apr 25 j 21:27	24°♒20'56	1°15'04
	-9406 Apr 28 j 16:51	0°♓	
max. Earth dist.	-9406 Apr 30 j 13:41	3°♓40'48	1.35962 AU
evening rise	-9406 May 04 j 20:41	11°♓51'51	
	-9406 May 15 j 05:38	0°♈	
desc. node	-9406 Jun 02 j 13:46	26°♈31'40	
	-9406 Jun 05 j 11:54	0°♉	
evening max el	-9406 Jun 09 j 13:08	4°♉19'22	26°16'56
retrograde	-9406 Jun 22 j 05:11	11°♉36'14	
evening set	-9406 Jun 28 j 15:46	8°♉50'57	
min. Earth dist.	-9406 Jul 02 j 17:44	4°♉25'48	0.66106 AU
inferior conj	-9406 Jul 04 j 04:07	2°♉38'26	-2°49'29
minimum elong	-9406 Jul 04 j 06:50	2°♉29'56	2°48'33
	-9406 Jul 06 j 08:42	30°℞♈	
morning rise	-9406 Jul 09 j 22:01	26°♈48'24	
direct	-9406 Jul 13 j 03:39	25°♈48'21	
asc. node	-9406 Jul 14 j 07:14	25°♈55'43	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

morning max el	-9406 Jul 20 j 01:47	29°♈43'20	19°01'22
	-9406 Jul 20 j 08:13	0°♉	
	-9406 Aug 09 j 18:18	0°♊	
morning set	-9406 Aug 11 j 03:31	2°♊12'07	
max. Earth dist.	-9406 Aug 26 j 09:03	26°♊19'01	1.44600 AU
superior conj	-9406 Aug 27 j 05:53	27°♊41'22	0°13'32
minimum elong	-9406 Aug 27 j 07:39	27°♊48'21	0°13'52
behind sun begin	-9406 Aug 27 j 01:32	27°♊24'09	
behind sun end	-9406 Aug 27 j 13:46	28°♊12'34	
	-9406 Aug 28 j 16:54	0°♋	
desc. node	-9406 Aug 29 j 11:25	1°♋13'20	
evening rise	-9406 Sep 11 j 21:37	22°♋43'13	
	-9406 Sep 16 j 09:25	0°♌	
evening max el	-9406 Oct 02 j 12:32	23°♌31'35	18°46'18
retrograde	-9406 Oct 09 j 07:05	27°♌20'12	
asc. node	-9406 Oct 10 j 06:46	27°♌14'41	
evening set	-9406 Oct 12 j 07:25	26°♌28'50	
inferior conj	-9406 Oct 18 j 05:22	20°♌45'44	2°25'02
minimum elong	-9406 Oct 18 j 02:15	20°♌55'08	2°24'26
min. Earth dist.	-9406 Oct 19 j 22:02	18°♌43'22	0.64978 AU
morning rise	-9406 Oct 23 j 20:38	14°♌37'09	
direct	-9406 Oct 30 j 11:06	11°♌51'48	
morning max el	-9406 Nov 12 j 12:59	19°♌21'49	26°53'34
	-9406 Nov 21 j 17:30	0°♍	
desc. node	-9406 Nov 25 j 11:56	5°♍05'20	
	-9406 Dec 11 j 07:04	0°♎	
morning set	-9406 Dec 18 j 04:05	12°♎37'27	
max. Earth dist.	-9406 Dec 22 j 16:46	21°♎32'31	1.34620 AU
superior conj	-9406 Dec 26 j 12:47	29°♎24'58	-1°26'48
minimum elong	-9406 Dec 26 j 15:03	29°♎36'50	1°26'47
	-9406 Dec 26 j 19:30	0°♏	
evening rise	-9405 Jan 02 j 22:50	14°♏59'24	
asc. node	-9405 Jan 06 j 04:42	21°♏35'26	
	-9405 Jan 10 j 15:35	0°♐	
evening max el	-9405 Jan 23 j 03:08	17°♐12'22	21°27'07
retrograde	-9405 Feb 03 j 23:12	22°♐49'06	
evening set	-9405 Feb 06 j 18:06	22°♐31'27	
inferior conj	-9405 Feb 15 j 20:13	18°♐30'42	1°28'55
minimum elong	-9405 Feb 15 j 23:58	18°♐25'21	1°27'11
min. Earth dist.	-9405 Feb 16 j 06:25	18°♐16'12	0.55391 AU
desc. node	-9405 Feb 21 j 12:51	15°♐32'59	
morning rise	-9405 Feb 25 j 05:37	14°♐22'06	
direct	-9405 Feb 28 j 00:49	14°♐04'45	
morning max el	-9405 Mar 12 j 15:13	20°♐09'23	22°01'00
	-9405 Mar 20 j 17:09	0°♑	
morning set	-9405 Apr 02 j 16:45	23°♑36'43	
asc. node	-9405 Apr 04 j 03:35	26°♑38'13	
	-9405 Apr 05 j 17:56	0°♒	
superior conj	-9405 Apr 10 j 00:50	9°♒02'17	0°54'45
minimum elong	-9405 Apr 09 j 22:34	8°♒50'28	0°53'52
max. Earth dist.	-9405 Apr 13 j 06:33	15°♒44'31	1.34650 AU
evening rise	-9405 Apr 18 j 03:30	25°♒26'28	
	-9405 Apr 20 j 12:56	0°♓	
	-9405 May 08 j 15:57	0°♈	
desc. node	-9405 May 20 j 11:08	15°♈00'25	
evening max el	-9405 May 23 j 00:01	17°♈37'17	27°04'44
retrograde	-9405 Jun 05 j 07:06	25°♈05'58	
evening set	-9405 Jun 12 j 03:42	22°♈18'13	
min. Earth dist.	-9405 Jun 15 j 22:44	18°♈31'13	0.64993 AU
inferior conj	-9405 Jun 17 j 23:23	16°♈10'49	-3°19'38
minimum elong	-9405 Jun 18 j 01:49	16°♈03'46	3°19'07
morning rise	-9405 Jun 24 j 00:19	10°♈35'56	
direct	-9405 Jun 26 j 23:33	9°♈47'53	
asc. node	-9405 Jul 01 j 04:07	11°♈19'32	
morning max el	-9405 Jul 03 j 13:08	13°♈22'32	18°23'45
	-9405 Jul 15 j 06:24	0°♉	
morning set	-9405 Jul 22 j 18:43	12°♉24'23	
	-9405 Aug 02 j 13:09	0°♊	
superior conj	-9405 Aug 06 j 06:35	5°♊58'07	0°58'22
minimum elong	-9405 Aug 06 j 12:45	6°♊22'44	0°58'11
max. Earth dist.	-9405 Aug 09 j 02:12	10°♊26'51	1.44476 AU
desc. node	-9405 Aug 16 j 08:33	21°♊54'17	
	-9405 Aug 21 j 12:24	0°♋	
evening rise	-9405 Aug 22 j 22:00	2°♋11'32	
greatest brilliancy	-9405 Sep 02 j 13:37	18°♋45'26	-0.7m
	-9405 Sep 10 j 04:51	0°♌	
evening max el	-9405 Sep 15 j 21:24	6°♌59'39	19°31'15
retrograde	-9405 Sep 23 j 03:05	11°♌10'02	
evening set	-9405 Sep 26 j 11:31	10°♌04'43	
asc. node	-9405 Sep 27 j 03:56	9°♌35'33	
inferior conj	-9405 Oct 02 j 02:42	4°♌09'03	1°34'35
minimum elong	-9405 Oct 02 j 00:34	4°♌15'55	1°34'17
min. Earth dist.	-9405 Oct 03 j 07:00	2°♌37'54	0.65993 AU
	-9405 Oct 05 j 10:58	30°℞♋	
morning rise	-9405 Oct 07 j 13:19	27°♋53'25	
direct	-9405 Oct 13 j 14:39	25°♋17'45	
	-9405 Oct 23 j 05:24	0°♌	
morning max el	-9405 Oct 25 j 23:00	2°♌32'48	25°52'26
desc. node	-9405 Nov 12 j 08:40	24°♌38'29	
	-9405 Nov 15 j 22:07	0°♍	
morning set	-9405 Dec 01 j 01:52	25°♍30'27	
	-9405 Dec 03 j 11:49	0°♎	
max. Earth dist.	-9405 Dec 05 j 01:24	2°♎58'42	1.36074 AU
superior conj	-9405 Dec 10 j 09:06	13°♎27'16	-1°38'28
minimum elong	-9405 Dec 10 j 10:42	13°♎35'19	1°38'27
evening rise	-9405 Dec 18 j 05:25	29°♎30'07	
	-9405 Dec 18 j 11:18	0°♏	
asc. node	-9405 Dec 24 j 01:59	10°♏59'38	
evening max el	-9404 Jan 05 j 10:16	28°♏44'31	20°09'14
	-9404 Jan 06 j 20:44	0°♐	
retrograde	-9404 Jan 15 j 16:12	3°♐33'26	
evening set	-9404 Jan 18 j 05:06	3°♐17'00	
	-9404 Jan 25 j 15:33	30°℞♏	
inferior conj	-9404 Jan 26 j 20:31	29°♏16'19	3°01'31
minimum elong	-9404 Jan 27 j 02:10	29°♏07'42	2°59'43
min. Earth dist.	-9404 Jan 28 j 20:18	28°♏03'48	0.55977 AU
morning rise	-9404 Feb 04 j 21:18	24°♏45'37	
desc. node	-9404 Feb 08 j 09:48	24°♏12'47	
direct	-9404 Feb 08 j 18:11	24°♏12'31	
	-9404 Feb 21 j 07:59	0°♐	
morning max el	-9404 Feb 22 j 09:41	0°♐59'13	23°37'11
	-9404 Mar 12 j 22:31	0°♑	
morning set	-9404 Mar 17 j 04:42	8°♑38'48	
asc. node	-9404 Mar 21 j 00:35	16°♑47'07	
superior conj	-9404 Mar 24 j 07:05	23°♑48'40	0°31'44
minimum elong	-9404 Mar 24 j 05:45	23°♑41'28	0°30'56
max. Earth dist.	-9404 Mar 26 j 08:58	28°♑14'10	1.33689 AU
	-9404 Mar 27 j 05:02	0°♒	
evening rise	-9404 Mar 31 j 21:35	9°♒37'16	
	-9404 Apr 11 j 22:36	0°♓	
	-9404 May 03 j 18:39	0°♈	
evening max el	-9404 May 04 j 10:09	0°♈38'08	27°25'50
desc. node	-9404 May 06 j 08:28	2°♈25'03	
retrograde	-9404 May 18 j 03:28	8°♈10'19	
evening set	-9404 May 25 j 03:56	5°♈33'10	
min. Earth dist.	-9404 May 28 j 19:09	2°♈18'16	0.63486 AU
inferior conj	-9404 May 31 j 10:17	29°♓33'31	-3°38'51
minimum elong	-9404 May 31 j 11:42	29°♓29'48	3°38'48

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

	-9404 May 31 j 00:12	30°℞♓	
morning rise	-9404 Jun 06 j 20:21	24°♓16'07	
direct	-9404 Jun 09 j 14:43	23°♓38'05	
morning max el	-9404 Jun 16 j 02:59	27°♓02'09	18°03'43
asc. node	-9404 Jun 17 j 00:59	27°♓59'45	
	-9404 Jun 18 j 17:28	0°♈	
morning set	-9404 Jul 03 j 11:06	23°♈47'46	
	-9404 Jul 07 j 01:17	0°♉	
superior conj	-9404 Jul 16 j 00:52	15°♉08'09	1°30'45
minimum elong	-9404 Jul 16 j 06:29	15°♉31'20	1°30'40
max. Earth dist.	-9404 Jul 21 j 16:31	24°♉20'13	1.43670 AU
	-9404 Jul 25 j 05:39	0°♊	
evening rise	-9404 Aug 01 j 02:09	10°♊44'42	
desc. node	-9404 Aug 02 j 05:43	12°♊31'30	
	-9404 Aug 13 j 17:38	0°♋	
evening max el	-9404 Aug 29 j 00:36	20°♋26'08	20°31'08
retrograde	-9404 Sep 05 j 23:56	25°♋06'32	
evening set	-9404 Sep 09 j 18:47	23°♋44'08	
asc. node	-9404 Sep 13 j 01:03	20°♋28'22	
inferior conj	-9404 Sep 15 j 04:59	17°♋39'07	0°42'18
minimum elong	-9404 Sep 15 j 04:01	17°♋42'23	0°42'28
min. Earth dist.	-9404 Sep 15 j 22:06	16°♋41'28	0.66708 AU
morning rise	-9404 Sep 20 j 13:01	11°♋20'07	
direct	-9404 Sep 25 j 23:49	9°♋00'19	
morning max el	-9404 Oct 07 j 08:20	15°♋47'05	24°35'03
	-9404 Oct 19 j 02:20	0°♌	
desc. node	-9404 Oct 29 j 05:24	14°♌37'06	
	-9404 Nov 07 j 20:41	0°♍	
morning set	-9404 Nov 12 j 03:47	7°♍20'17	
max. Earth dist.	-9404 Nov 16 j 00:59	14°♍14'50	1.37897 AU
superior conj	-9404 Nov 22 j 18:45	26°♍52'48	-1°43'39
minimum elong	-9404 Nov 22 j 18:54	26°♍53'32	1°43'34
	-9404 Nov 24 j 09:17	0°♎	
evening rise	-9404 Dec 01 j 06:38	13°♎39'02	
asc. node	-9404 Dec 09 j 23:15	29°♎54'04	
	-9404 Dec 10 j 00:40	0°♏	
evening max el	-9404 Dec 18 j 03:41	10°♏51'12	19°09'26
retrograde	-9404 Dec 26 j 21:48	15°♏01'13	
evening set	-9404 Dec 29 j 09:50	14°♏42'19	
inferior conj	-9403 Jan 06 j 11:17	10°♏28'18	3°57'14
minimum elong	-9403 Jan 06 j 14:48	10°♏22'15	3°56'29
min. Earth dist.	-9403 Jan 09 j 10:44	8°♏25'52	0.57301 AU
morning rise	-9403 Jan 14 j 17:28	5°♏31'51	
direct	-9403 Jan 19 j 22:52	4°♏28'03	
desc. node	-9403 Jan 25 j 06:41	5°♏34'15	
morning max el	-9403 Feb 03 j 00:23	11°♏39'15	25°12'08
	-9403 Feb 17 j 02:00	0°♐	
morning set	-9403 Mar 01 j 17:08	23°♐43'53	
	-9403 Mar 04 j 15:46	0°♑	
asc. node	-9403 Mar 07 j 21:37	7°♑02'05	
superior conj	-9403 Mar 08 j 16:54	8°♑46'56	0°07'58
minimum elong	-9403 Mar 08 j 16:35	8°♑45'11	0°07'20
behind sun begin	-9403 Mar 08 j 12:05	8°♑20'44	
behind sun end	-9403 Mar 08 j 21:05	9°♑09'38	
max. Earth dist.	-9403 Mar 09 j 18:30	11°♑05'39	1.33072 AU
evening rise	-9403 Mar 15 j 23:29	24°♑12'42	
	-9403 Mar 18 j 20:49	0°♒	
	-9403 Apr 05 j 16:36	0°♓	
evening max el	-9403 Apr 16 j 17:28	13°♓10'20	27°15'22
desc. node	-9403 Apr 23 j 05:47	18°♓18'47	
retrograde	-9403 Apr 30 j 17:08	20°♓39'45	
evening set	-9403 May 07 j 12:50	18°♓27'04	
min. Earth dist.	-9403 May 11 j 06:21	15°♓33'02	0.61656 AU
inferior conj	-9403 May 14 j 09:35	12°♓39'14	-3°42'43
minimum elong	-9403 May 14 j 09:11	12°♓40'10	3°42'57
morning rise	-9403 May 21 j 07:11	7°♓41'08	
direct	-9403 May 23 j 21:48	7°♓11'27	
morning max el	-9403 May 30 j 16:42	10°♓35'29	18°02'08
asc. node	-9403 Jun 03 j 21:48	15°♓40'04	
	-9403 Jun 12 j 14:07	0°♈	
morning set	-9403 Jun 16 j 00:29	6°♈12'09	
superior conj	-9403 Jun 26 j 22:07	25°♈37'56	1°47'04
minimum elong	-9403 Jun 27 j 00:23	25°♈47'45	1°47'10
	-9403 Jun 29 j 11:14	0°♉	
max. Earth dist.	-9403 Jul 04 j 02:00	7°♉43'59	1.42297 AU
evening rise	-9403 Jul 11 j 05:40	19°♉17'02	
	-9403 Jul 18 j 03:15	0°♊	
desc. node	-9403 Jul 20 j 02:59	3°♊01'06	
	-9403 Aug 08 j 10:26	0°♋	
evening max el	-9403 Aug 11 j 21:07	3°♋49'33	21°43'16
retrograde	-9403 Aug 20 j 19:42	9°♋06'50	
evening set	-9403 Aug 25 j 03:08	7°♋24'39	
inferior conj	-9403 Aug 30 j 10:09	1°♋13'21	-0°09'46
minimum elong	-9403 Aug 30 j 10:21	1°♋12'40	0°09'07
transit middle	-9403 Aug 30 j 10:21	1°♋12'40	0°09'07
transit begin	-9403 Aug 30 j 08:06	1°♋20'24	
transit end	-9403 Aug 30 j 12:36	1°♋04'55	
min. Earth dist.	-9403 Aug 30 j 16:47	0°♋50'32	0.67133 AU
asc. node	-9403 Aug 30 j 22:07	0°♋32'09	
	-9403 Aug 31 j 07:31	30°℞♊	
morning rise	-9403 Sep 04 j 17:25	24°♊54'39	
direct	-9403 Sep 09 j 13:46	22°♊53'50	
morning max el	-9403 Sep 19 j 18:38	29°♊01'28	23°10'42
	-9403 Sep 20 j 17:05	0°♋	
	-9403 Oct 12 j 21:57	0°♌	
desc. node	-9403 Oct 16 j 02:10	4°♌53'13	
morning set	-9403 Oct 24 j 04:23	17°♌53'03	
max. Earth dist.	-9403 Oct 28 j 22:35	25°♌55'42	1.39903 AU
	-9403 Oct 31 j 06:42	0°♍	
superior conj	-9403 Nov 05 j 13:17	9°♍29'12	-1°40'00
minimum elong	-9403 Nov 05 j 11:15	9°♍19'53	1°39'38
evening rise	-9403 Nov 14 j 23:51	27°♍19'29	
	-9403 Nov 16 j 09:27	0°♎	
asc. node	-9403 Nov 26 j 20:31	18°♎09'05	
evening max el	-9403 Dec 01 j 06:06	23°♎28'15	18°29'40
retrograde	-9403 Dec 08 j 21:26	27°♎13'23	
evening set	-9403 Dec 11 j 09:51	26°♎50'16	
inferior conj	-9403 Dec 18 j 21:27	22°♎15'47	4°15'02
minimum elong	-9403 Dec 18 j 21:27	22°♎15'47	4°14'53
min. Earth dist.	-9403 Dec 22 j 03:55	19°♎40'25	0.59064 AU
morning rise	-9403 Dec 26 j 07:16	16°♎57'22	
direct	-9402 Jan 01 j 15:24	15°♎15'08	
desc. node	-9402 Jan 12 j 03:30	19°♎31'04	
morning max el	-9402 Jan 15 j 17:46	22°♎37'44	26°31'03
	-9402 Jan 22 j 07:58	0°♏	
	-9402 Feb 09 j 20:31	0°♐	
morning set	-9402 Feb 14 j 04:22	8°♐45'53	
superior conj	-9402 Feb 21 j 04:29	23°♐50'48	-0°15'43
minimum elong	-9402 Feb 21 j 05:10	23°♐54'31	0°16'08
max. Earth dist.	-9402 Feb 21 j 07:50	24°♐09'03	1.32780 AU
asc. node	-9402 Feb 22 j 18:40	27°♐19'10	
	-9402 Feb 24 j 00:17	0°♑	
evening rise	-9402 Feb 28 j 06:33	9°♑03'50	
	-9402 Mar 11 j 06:57	0°♒	
evening max el	-9402 Mar 29 j 19:49	25°♒05'47	26°32'15
	-9402 Apr 05 j 01:23	0°♓	
desc. node	-9402 Apr 10 j 03:03	2°♓08'17	
retrograde	-9402 Apr 12 j 22:27	2°♓28'03	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

evening set	-9402 Apr 19 j 03:09	0°♓49'34	
	-9402 Apr 20 j 13:46	30°℞♒	
min. Earth dist.	-9402 Apr 23 j 09:02	28°♒01'52	0.59662 AU
inferior conj	-9402 Apr 26 j 17:44	25°♒19'48	-3°25'04
minimum elong	-9402 Apr 26 j 15:03	25°♒25'14	3°25'07
morning rise	-9402 May 04 j 05:29	20°♒42'06	
direct	-9402 May 06 j 16:49	20°♒19'29	
morning max el	-9402 May 14 j 03:38	23°♒55'33	18°19'41
	-9402 May 19 j 03:06	0°♓	
asc. node	-9402 May 21 j 18:38	4°♓07'17	
morning set	-9402 May 30 j 05:58	19°♓26'12	
	-9402 Jun 04 j 20:23	0°♈	
superior conj	-9402 Jun 08 j 20:52	7°♈25'04	1°49'24
minimum elong	-9402 Jun 08 j 20:06	7°♈21'35	1°49'25
max. Earth dist.	-9402 Jun 16 j 06:15	20°♈28'41	1.40546 AU
evening rise	-9402 Jun 21 j 04:59	28°♈47'24	
	-9402 Jun 21 j 22:40	0°♉	
desc. node	-9402 Jul 07 j 00:17	23°♉18'54	
	-9402 Jul 11 j 16:28	0°♊	
evening max el	-9402 Jul 25 j 11:35	17°♊11'16	23°03'12
retrograde	-9402 Aug 04 j 13:04	23°♊09'11	
evening set	-9402 Aug 09 j 10:45	21°♊05'47	
inferior conj	-9402 Aug 14 j 16:28	14°♊50'51	-0°59'54
minimum elong	-9402 Aug 14 j 17:44	14°♊46'30	0°58'53
min. Earth dist.	-9402 Aug 14 j 12:40	15°♊03'59	0.67266 AU
asc. node	-9402 Aug 17 j 19:08	10°♊47'49	
morning rise	-9402 Aug 20 j 00:37	8°♊36'03	
direct	-9402 Aug 24 j 07:39	6°♊54'36	
morning max el	-9402 Sep 02 j 08:56	12°♊19'24	21°47'49
	-9402 Sep 16 j 03:30	0°♋	
desc. node	-9402 Oct 02 j 22:59	25°♋21'41	
morning set	-9402 Oct 04 j 02:04	27°♋08'51	
	-9402 Oct 05 j 20:58	0°♌	
max. Earth dist.	-9402 Oct 11 j 01:03	8°♌25'39	1.41818 AU
superior conj	-9402 Oct 18 j 11:09	21°♌01'52	-1°24'45
minimum elong	-9402 Oct 18 j 06:50	20°♌43'05	1°23'57
	-9402 Oct 23 j 12:41	0°♍	
evening rise	-9402 Oct 29 j 05:49	10°♍24'07	
	-9402 Nov 09 j 12:38	0°♎	
asc. node	-9402 Nov 13 j 17:49	5°♎32'26	
evening max el	-9402 Nov 14 j 14:59	6°♎27'50	18°09'59
retrograde	-9402 Nov 21 j 13:50	10°♎01'15	
evening set	-9402 Nov 24 j 03:19	9°♎32'50	
inferior conj	-9402 Dec 01 j 02:20	4°♎36'20	4°03'58
minimum elong	-9402 Nov 30 j 23:48	4°♎42'10	4°03'41
min. Earth dist.	-9402 Dec 04 j 03:32	1°♎49'17	0.60953 AU
	-9402 Dec 06 j 08:42	30°℞♍	
morning rise	-9402 Dec 07 j 19:02	28°♍59'47	
direct	-9402 Dec 14 j 17:48	26°♍43'17	
	-9402 Dec 23 j 16:03	0°♎	
morning max el	-9402 Dec 28 j 17:29	4°♎12'49	27°21'19
desc. node	-9402 Dec 30 j 00:16	5°♎29'29	
	-9401 Jan 16 j 21:50	0°♏	
morning set	-9401 Jan 29 j 12:26	23°♏36'37	
	-9401 Feb 01 j 13:30	0°♐	
max. Earth dist.	-9401 Feb 04 j 21:02	7°♐09'05	1.32811 AU
superior conj	-9401 Feb 05 j 16:07	8°♐53'02	-0°38'28
minimum elong	-9401 Feb 05 j 17:40	9°♐01'26	0°38'40
asc. node	-9401 Feb 09 j 15:48	17°♐33'32	
evening rise	-9401 Feb 12 j 16:38	24°♐01'40	
	-9401 Feb 15 j 14:23	0°♑	
	-9401 Mar 05 j 21:19	0°♒	
evening max el	-9401 Mar 11 j 16:17	6°♒23'01	25°20'59
retrograde	-9401 Mar 25 j 17:29	13°♒32'35	
desc. node	-9401 Mar 28 j 00:16	13°♒20'10	
evening set	-9401 Mar 30 j 21:52	12°♒29'32	
min. Earth dist.	-9401 Apr 05 j 05:13	9°♒33'43	0.57750 AU
inferior conj	-9401 Apr 08 j 07:16	7°♒25'11	-2°38'35
minimum elong	-9401 Apr 08 j 03:03	7°♒32'34	2°38'07
morning rise	-9401 Apr 16 j 11:27	3°♒07'05	
direct	-9401 Apr 18 j 19:25	2°♒50'20	
morning max el	-9401 Apr 27 j 08:52	6°♒52'45	18°56'56
asc. node	-9401 May 08 j 15:29	23°♒09'46	
	-9401 May 12 j 06:28	0°♓	
morning set	-9401 May 13 j 23:13	3°♓18'19	
superior conj	-9401 May 22 j 15:38	20°♓14'16	1°41'30
minimum elong	-9401 May 22 j 13:11	20°♓02'31	1°41'11
	-9401 May 27 j 21:10	0°♈	
max. Earth dist.	-9401 May 29 j 06:54	2°♈32'43	1.38651 AU
evening rise	-9401 Jun 02 j 07:32	9°♈38'39	
	-9401 Jun 14 j 19:27	0°♉	
desc. node	-9401 Jun 23 j 21:41	13°♉18'52	
	-9401 Jul 07 j 09:02	0°♊	
evening max el	-9401 Jul 07 j 22:13	0°♊33'19	24°24'46
retrograde	-9401 Jul 19 j 03:06	7°♊09'51	
evening set	-9401 Jul 24 j 15:45	4°♊46'17	
	-9401 Jul 28 j 19:32	30°℞♉	
inferior conj	-9401 Jul 29 j 22:12	28°♉30'15	-1°46'37
minimum elong	-9401 Jul 30 j 00:18	28°♉23'08	1°45'26
min. Earth dist.	-9401 Jul 29 j 07:24	29°♉20'14	0.67083 AU
morning rise	-9401 Aug 04 j 08:49	22°♉22'37	
asc. node	-9401 Aug 04 j 16:06	22°♉09'49	
direct	-9401 Aug 08 j 04:17	20°♉59'13	
morning max el	-9401 Aug 16 j 05:27	25°♉44'00	20°32'56
	-9401 Aug 19 j 22:39	0°♊	
	-9401 Sep 09 j 14:29	0°♋	
morning set	-9401 Sep 13 j 05:44	5°♋37'20	
desc. node	-9401 Sep 19 j 19:54	15°♋58'25	
max. Earth dist.	-9401 Sep 23 j 10:11	21°♋43'23	1.43364 AU
	-9401 Sep 28 j 12:04	0°♌	
superior conj	-9401 Sep 29 j 06:53	1°♌17'44	-0°55'42
minimum elong	-9401 Sep 29 j 01:58	0°♌57'25	0°54'37
evening rise	-9401 Oct 11 j 20:16	22°♌43'29	
	-9401 Oct 16 j 00:19	0°♍	
evening max el	-9401 Oct 29 j 03:31	19°♍43'08	18°09'42
asc. node	-9401 Oct 31 j 15:05	21°♍49'37	
retrograde	-9401 Nov 04 j 18:51	23°♍15'29	
evening set	-9401 Nov 07 j 10:50	22°♍40'12	
inferior conj	-9401 Nov 13 j 22:52	17°♍23'30	3°33'53
minimum elong	-9401 Nov 13 j 19:17	17°♍32'48	3°33'19
min. Earth dist.	-9401 Nov 16 j 12:38	14°♍43'46	0.62729 AU
morning rise	-9401 Nov 20 j 02:51	11°♍31'56	
direct	-9401 Nov 27 j 04:43	8°♍53'07	
morning max el	-9401 Dec 10 j 23:13	16°♍27'46	27°36'41
desc. node	-9401 Dec 16 j 20:59	22°♍56'38	
	-9401 Dec 22 j 07:03	0°♎	
	-9400 Jan 09 j 11:41	0°♏	
morning set	-9400 Jan 13 j 15:10	8°♏08'13	
max. Earth dist.	-9400 Jan 19 j 06:16	19°♏51'54	1.33194 AU
superior conj	-9400 Jan 21 j 02:11	23°♏47'43	-0°59'30
minimum elong	-9400 Jan 21 j 04:19	23°♏59'18	0°59'34
	-9400 Jan 23 j 23:01	0°♐	
asc. node	-9400 Jan 27 j 13:00	7°♐40'47	
evening rise	-9400 Jan 28 j 03:57	8°♐59'38	
	-9400 Feb 08 j 05:17	0°♑	
evening max el	-9400 Feb 21 j 09:19	17°♑15'55	23°51'51
retrograde	-9400 Mar 06 j 00:42	24°♑00'51	
evening set	-9400 Mar 10 j 00:58	23°♑25'13	

Attention, astronomical year style is used: The year -9900 in astronomical counting style is the year 9901 BCE in historical counting style.

desc. node	-9400 Mar 13 j 21:25	21°♉51'05	
min. Earth dist.	-9400 Mar 16 j 21:56	20°♉09'00	0.56241 AU
inferior conj	-9400 Mar 19 j 00:57	18°♉50'51	-1°18'57
minimum elong	-9400 Mar 18 j 21:51	18°♉55'36	1°18'34
morning rise	-9400 Mar 27 j 21:37	14°♉46'41	
direct	-9400 Mar 30 j 03:28	14°♉33'38	
morning max el	-9400 Apr 09 j 05:36	19°♉17'49	19°54'03
	-9400 Apr 17 j 12:29	0°♒	
asc. node	-9400 Apr 24 j 12:22	12°♒39'03	
morning set	-9400 Apr 27 j 00:51	17°♒39'42	
	-9400 May 03 j 03:03	0°♓	
superior conj	-9400 May 05 j 01:07	3°♓50'42	1°26'37
minimum elong	-9400 May 04 j 22:10	3°♓35'59	1°25'57
max. Earth dist.	-9400 May 10 j 09:31	14°♓15'00	1.36865 AU
evening rise	-9400 May 14 j 10:47	21°♓45'55	
	-9400 May 19 j 02:39	0°♈	
	-9400 Jun 07 j 14:54	0°♉	
desc. node	-9400 Jun 09 j 19:06	2°♉52'50	
evening max el	-9400 Jun 19 j 07:57	13°♉57'07	25°39'59
retrograde	-9400 Jul 01 j 13:01	21°♉03'23	
evening set	-9400 Jul 07 j 16:03	18°♉23'53	
min. Earth dist.	-9400 Jul 11 j 22:38	13°♉36'08	0.66563 AU
inferior conj	-9400 Jul 13 j 01:30	12°♉09'11	-2°28'25
minimum elong	-9400 Jul 13 j 04:07	12°♉00'41	2°27'18
morning rise	-9400 Jul 18 j 16:15	6°♉11'48	
asc. node	-9400 Jul 21 j 13:01	5°♉05'47	
direct	-9400 Jul 22 j 02:14	5°♉04'03	
morning max el	-9400 Jul 29 j 08:36	9°♉15'17	19°30'25
	-9400 Aug 13 j 07:57	0°♊	
morning set	-9400 Aug 22 j 10:46	14°♊12'32	
	-9400 Sep 01 j 12:02	0°♋	
max. Earth dist.	-9400 Sep 05 j 00:18	5°♋33'15	1.44341 AU
desc. node	-9400 Sep 05 j 16:55	6°♋39'14	
superior conj	-9400 Sep 07 j 23:22	10°♋16'02	-0°13'49
minimum elong	-9400 Sep 07 j 21:47	10°♋09'42	0°13'02
behind sun begin	-9400 Sep 07 j 15:00	9°♋42'36	
behind sun end	-9400 Sep 08 j 04:35	10°♋36'49	
	-9400 Sep 20 j 02:57	0°♌	
evening rise	-9400 Sep 22 j 13:48	4°♌03'55	
	-9400 Oct 09 j 00:17	0°♍	
evening max el	-9400 Oct 11 j 16:47	3°♍07'19	18°27'55
asc. node	-9400 Oct 17 j 12:20	6°♍43'48	
retrograde	-9400 Oct 18 j 08:13	6°♍47'32	
evening set	-9400 Oct 21 j 04:48	6°♍02'59	
inferior conj	-9400 Oct 27 j 07:26	0°♍28'51	2°52'13
minimum elong	-9400 Oct 27 j 03:56	0°♍38'53	2°51'32
	-9400 Oct 27 j 17:27	30°℞♌	
min. Earth dist.	-9400 Oct 29 j 07:50	28°♌10'09	0.64250 AU
morning rise	-9400 Nov 02 j 02:28	24°♌25'31	
direct	-9400 Nov 08 j 22:53	21°♌38'33	
morning max el	-9400 Nov 22 j 08:18	29°♌13'12	27°17'48
	-9400 Nov 23 j 03:03	0°♍	
desc. node	-9400 Dec 02 j 17:42	11°♍26'16	
	-9400 Dec 15 j 02:45	0°♎	
morning set	-9400 Dec 27 j 09:41	22°♎10'48	
	-9400 Dec 31 j 07:18	0°♏	
max. Earth dist.	-9399 Jan 01 j 07:37	2°♏05'08	1.33973 AU
superior conj	-9399 Jan 04 j 08:46	8°♏28'06	-1°17'53
minimum elong	-9399 Jan 04 j 11:09	8°♏40'40	1°17'53
evening rise	-9399 Jan 11 j 14:48	23°♏51'27	
asc. node	-9399 Jan 13 j 10:15	27°♏35'54	
	-9399 Jan 14 j 14:44	0°♐	
evening max el	-9399 Feb 02 j 04:08	28°♐08'34	22°18'13
	-9399 Feb 04 j 07:34	0°♉	
retrograde	-9399 Feb 14 j 20:01	4°♉12'52	
evening set	-9399 Feb 17 j 22:08	3°♉51'54	
min. Earth dist.	-9399 Feb 26 j 13:11	0°♉02'51	0.55444 AU
	-9399 Feb 26 j 15:11	30°℞♐	
inferior conj	-9399 Feb 27 j 02:48	29°♐43'24	0°26'10
minimum elong	-9399 Feb 27 j 03:56	29°♐41'47	0°25'12
desc. node	-9399 Feb 28 j 18:28	28°♐47'17	
morning rise	-9399 Mar 08 j 10:41	25°♐40'37	
direct	-9399 Mar 10 j 21:16	25°♐26'53	
	-9399 Mar 21 j 11:32	0°♉	
morning max el	-9399 Mar 22 j 15:34	1°♉03'03	21°10'07
	-9399 Apr 10 j 04:15	0°♒	
morning set	-9399 Apr 11 j 08:14	2°♒22'49	
asc. node	-9399 Apr 11 j 09:19	2°♒28'22	
superior conj	-9399 Apr 18 j 21:06	18°♒02'07	1°07'14
minimum elong	-9399 Apr 18 j 18:27	17°♒48'26	1°06'23
max. Earth dist.	-9399 Apr 22 j 20:21	26°♒05'12	1.35357 AU
	-9399 Apr 24 j 19:59	0°♓	
evening rise	-9399 Apr 27 j 09:08	4°♓53'49	
	-9399 May 11 j 21:50	0°♈	
desc. node	-9399 May 27 j 16:30	21°♈50'07	
evening max el	-9399 Jun 01 j 18:36	27°♈20'29	26°40'12
	-9399 Jun 04 j 16:38	0°♉	
retrograde	-9399 Jun 14 j 18:04	4°♉44'07	
evening set	-9399 Jun 21 j 09:19	1°♉56'34	
	-9399 Jun 23 j 09:41	30°℞♈	
min. Earth dist.	-9399 Jun 25 j 08:08	27°♈47'45	0.65677 AU
inferior conj	-9399 Jun 27 j 00:23	25°♈45'41	-3°03'27
minimum elong	-9399 Jun 27 j 03:04	25°♈37'33	3°02'40
morning rise	-9399 Jul 02 j 21:02	20°♈01'32	
direct	-9399 Jul 05 j 23:39	19°♈06'55	
asc. node	-9399 Jul 08 j 09:54	19°♈39'00	
morning max el	-9399 Jul 12 j 17:25	22°♈52'29	18°43'12
	-9399 Jul 18 j 09:44	0°♉	
morning set	-9399 Aug 02 j 11:18	23°♉43'56	
	-9399 Aug 06 j 08:40	0°♊	
superior conj	-9399 Aug 17 j 23:40	18°♊30'32	0°33'30
minimum elong	-9399 Aug 18 j 03:47	18°♊46'51	0°33'32
max. Earth dist.	-9399 Aug 18 j 17:02	19°♊39'11	1.44638 AU
desc. node	-9399 Aug 23 j 14:01	27°♊21'14	
	-9399 Aug 25 j 06:12	0°♋	
evening rise	-9399 Sep 03 j 05:31	14°♋13'55	
	-9399 Sep 13 j 04:04	0°♌	
evening max el	-9399 Sep 25 j 04:03	16°♌35'38	19°03'30
retrograde	-9399 Oct 02 j 02:30	20°♌32'11	
asc. node	-9399 Oct 04 j 09:32	20°♌01'57	
evening set	-9399 Oct 05 j 06:00	19°♌35'20	
inferior conj	-9399 Oct 11 j 00:53	13°♌46'47	2°03'58
minimum elong	-9399 Oct 10 j 22:09	13°♌55'17	2°03'28
min. Earth dist.	-9399 Oct 12 j 12:14	11°♌57'05	0.65459 AU
morning rise	-9399 Oct 16 j 13:55	7°♌34'52	
direct	-9399 Oct 22 j 23:16	4°♌52'19	
morning max el	-9399 Nov 04 j 18:13	12°♌17'20	26°29'55
	-9399 Nov 19 j 03:07	0°♍	
desc. node	-9399 Nov 19 j 14:24	0°♍40'13	
	-9399 Dec 07 j 16:21	0°♎	
morning set	-9399 Dec 10 j 16:20	5°♎32'55	
max. Earth dist.	-9399 Dec 14 j 22:22	13°♎45'30	1.35188 AU
superior conj	-9399 Dec 19 j 09:39	22°♎46'57	-1°32'26
minimum elong	-9399 Dec 19 j 11:43	22°♎57'38	1°32'25
	-9399 Dec 22 j 21:08	0°♏	
evening rise	-9399 Dec 26 j 23:30	8°♏31'36	
asc. node	-9399 Dec 31 j 07:30	17°♏13'11	
	-9398 Jan 07 j 15:34	0°♐	