Attention, astronomical year style is used: The year -6900 in astronomical counting style is the year 6901 BCE in historical counting style.

conjunction	-6900 Jan 05 j 08:52	25°♏33'03	-0°49'24
minimum elong	-6900 Jan 05 j 08:50	25°♏33'02	0°49'45
max. Earth dist.	-6900 Jan 05 j 09:28	25°♏33'15	9.98903 AU
morning rise	-6900 Jan 23 j 03:58	27°♏53'11	
	-6900 Feb 08 j 23:13	0°♐	
retrograde	-6900 May 10 j 13:01	6°♐27'19	
opposition	-6900 Jul 17 j 19:04	2°♐55'57	-1°23'15
min. Earth dist.	-6900 Jul 17 j 15:35	2°♐56'39	7.93439 AU
	-6900 Aug 29 j 16:25	30°℞♏	
direct	-6900 Sep 21 j 15:52	29°♏29'58	
	-6900 Oct 14 j 12:01	0°♐	
evening set	-6899 Jan 01 j 18:17	7°♐41'49	
conjunction	-6899 Jan 19 j 12:07	10°♐02'57	-1°21'49
minimum elong	-6899 Jan 19 j 12:03	10°♐02'55	1°22'14
max. Earth dist.	-6899 Jan 19 j 18:17	10°♐05'00	9.88822 AU
morning rise	-6899 Feb 06 j 11:07	12°♐25'46	
retrograde	-6899 May 25 j 23:18	21°♐07'18	
opposition	-6899 Aug 01 j 15:26	17°♐35'13	-2°01'24
min. Earth dist.	-6899 Aug 01 j 07:55	17°♐36'47	7.85205 AU
direct	-6899 Oct 06 j 05:50	14°♐08'00	
evening set	-6898 Jan 17 j 05:14	22°♐28'47	
conjunction	-6898 Feb 04 j 02:33	24°♐51'55	-1°49'29
minimum elong	-6898 Feb 04 j 02:29	24°♐51'54	1°49'56
max. Earth dist.	-6898 Feb 04 j 14:19	24°♐55'52	9.82411 AU
morning rise	-6898 Feb 22 j 04:16	27°♐16'27	
	-6898 Mar 15 j 16:55	0°♑	
retrograde	-6898 Jun 10 j 10:45	6°♑01'17	
opposition	-6898 Aug 16 j 14:43	2°♑28'59	-2°32'03
min. Earth dist.	-6898 Aug 16 j 03:37	2°♑31'18	7.80891 AU
	-6898 Sep 18 j 16:41	30°℞♐	
direct	-6898 Oct 21 j 03:57	29°♐00'38	
	-6898 Nov 22 j 07:11	0°♑	
evening set	-6897 Feb 02 j 00:23	7°♑27'39	
conjunction	-6897 Feb 20 j 00:18	9°♑51'49	-2°10'05
minimum elong	-6897 Feb 20 j 00:15	9°♑51'48	2°10'33
max. Earth dist.	-6897 Feb 20 j 16:58	9°♑57'25	9.80096 AU
morning rise	-6897 Mar 10 j 03:30	12°♑16'58	
retrograde	-6897 Jun 25 j 19:07	21°♑00'30	
opposition	-6897 Aug 31 j 13:55	17°♑28'27	-2°52'30
min. Earth dist.	-6897 Aug 30 j 23:52	17°♑31'25	7.80729 AU
direct	-6897 Nov 05 j 06:30	13°♑59'10	
evening set	-6896 Feb 17 j 23:07	22°♑29'06	
conjunction	-6896 Mar 07 j 00:50	24°♑53'19	-2°21'55
minimum elong	-6896 Mar 07 j 00:49	24°♑53'18	2°22'21
max. Earth dist.	-6896 Mar 07 j 21:02	25°♑00'04	9.81954 AU
morning rise	-6896 Mar 25 j 04:25	27°♑18'01	
	-6896 Apr 15 j 13:31	0°♒	
retrograde	-6896 Jul 09 j 22:05	5°♒55'48	
opposition	-6896 Sep 14 j 10:16	2°♒24'32	-3°01'07
min. Earth dist.	-6896 Sep 13 j 18:08	2°♒27'55	7.84610 AU
	-6896 Oct 16 j 02:31	30°℞♑	
direct	-6896 Nov 19 j 10:28	28°♑54'39	
	-6896 Dec 23 j 13:23	0°♒	
evening set	-6895 Mar 04 j 20:40	7°♒23'58	
conjunction	-6895 Mar 22 j 23:24	9°♒47'19	-2°24'10
minimum elong	-6895 Mar 22 j 23:25	9°♒47'19	2°24'33
max. Earth dist.	-6895 Mar 23 j 21:50	9°♒54'45	9.87764 AU
morning rise	-6895 Apr 10 j 02:28	12°♒10'40	
	-6895 May 02 j 17:11	15°♒	
retrograde	-6895 Jul 24 j 17:17	20°♒38'52	
min. Earth dist.	-6895 Sep 28 j 07:51	17°♒12'30	7.92233 AU
opposition	-6895 Sep 29 j 01:22	17°♒08'50	-2°57'35
	-6895 Oct 26 j 17:41	15°℞♒	
direct	-6895 Dec 04 j 13:16	13°♒38'43	
	-6894 Jan 12 j 03:05	15°♒	
evening set	-6894 Mar 20 j 12:48	22°♒03'57	
conjunction	-6894 Apr 07 j 15:41	24°♒25'36	-2°17'02
minimum elong	-6894 Apr 07 j 15:44	24°♒25'37	2°17'20
max. Earth dist.	-6894 Apr 08 j 15:13	24°♒33'20	9.97164 AU
morning rise	-6894 Apr 25 j 17:20	26°♒46'47	
	-6894 May 22 j 02:35	0°♓	
retrograde	-6894 Aug 08 j 01:49	5°♓02'25	
opposition	-6894 Oct 13 j 09:08	1°♓33'58	-2°42'48
min. Earth dist.	-6894 Oct 12 j 15:23	1°♓37'39	8.03164 AU
	-6894 Nov 01 j 23:27	30°℞♒	
direct	-6894 Dec 19 j 11:56	28°♒03'59	
	-6893 Feb 04 j 12:25	0°♓	
evening set	-6893 Apr 04 j 19:34	6°♓22'00	
conjunction	-6893 Apr 22 j 21:39	8°♓41'15	-2°01'34
minimum elong	-6893 Apr 22 j 21:43	8°♓41'17	2°01'47
max. Earth dist.	-6893 Apr 23 j 20:50	8°♓48'45	10.09594 AU
morning rise	-6893 May 10 j 21:08	10°♓59'37	
retrograde	-6893 Aug 21 j 22:06	19°♓00'53	
opposition	-6893 Oct 27 j 08:14	15°♓34'14	-2°18'40
min. Earth dist.	-6893 Oct 26 j 15:33	15°♓37'39	8.16744 AU
direct	-6892 Jan 03 j 04:16	12°♓04'43	
evening set	-6892 Apr 18 j 14:10	20°♓13'12	
conjunction	-6892 May 06 j 14:30	22°♓29'31	-1°39'27
minimum elong	-6892 May 06 j 14:34	22°♓29'32	1°39'33
max. Earth dist.	-6892 May 07 j 11:38	22°♓36'13	10.24271 AU
morning rise	-6892 May 24 j 11:11	24°♓44'39	
	-6892 Jul 11 j 11:42	0°♈	
retrograde	-6892 Sep 03 j 05:25	2°♈30'57	
	-6892 Oct 28 j 16:27	30°℞♓	
opposition	-6892 Nov 08 j 21:46	29°♓06'13	-1°47'34
min. Earth dist.	-6892 Nov 08 j 07:12	29°♓09'10	8.32133 AU
direct	-6891 Jan 16 j 11:43	25°♓37'27	
	-6891 Apr 01 j 12:33	0°♈	
evening set	-6891 May 02 j 19:31	3°♈35'04	
conjunction	-6891 May 20 j 17:08	5°♈48'08	-1°12'36
minimum elong	-6891 May 20 j 17:12	5°♈48'09	1°12'36
max. Earth dist.	-6891 May 21 j 10:41	5°♈53'36	10.40294 AU
morning rise	-6891 Jun 07 j 10:22	7°♈59'46	
retrograde	-6891 Sep 16 j 01:01	15°♈31'33	
opposition	-6891 Nov 22 j 01:33	12°♈08'46	-1°12'02
min. Earth dist.	-6891 Nov 21 j 13:35	12°♈11'08	8.48439 AU
direct	-6890 Jan 30 j 09:41	8°♈41'00	
evening set	-6890 May 16 j 11:01	16°♈27'17	
conjunction	-6890 Jun 03 j 05:07	18°♈36'57	-0°42'56
minimum elong	-6890 Jun 03 j 05:09	18°♈36'57	0°42'50
max. Earth dist.	-6890 Jun 03 j 18:21	18°♈41'00	10.56774 AU
morning rise	-6890 Jun 20 j 18:21	20°♈45'03	
retrograde	-6890 Sep 28 j 09:02	28°♈03'37	
opposition	-6890 Dec 04 j 20:15	24°♈42'38	-0°34'22
min. Earth dist.	-6890 Dec 04 j 10:35	24°♈44'31	8.64806 AU
direct	-6889 Feb 12 j 21:55	21°♈16'05	
evening set	-6889 May 29 j 12:53	28°♈51'14	
	-6889 Jun 08 j 03:52	0°♉	
conjunction	-6889 Jun 16 j 02:55	0°♉57'31	-0°12'13

Attention, astronomical year style is used: The year -6889 in astronomical counting style is the year 6890 BCE in historical counting style.

minimum elong	-6889 Jun 16 j 02:56	0°♉57'31	0°12'01	
behind sun begin	-6889 Jun 15 j 22:04	0°♉56'04		
behind sun end	-6889 Jun 16 j 07:48	0°♉58'58		
max. Earth dist.	-6889 Jun 16 j 12:23	1°♉00'21	10.72885 AU	
morning rise	-6889 Jul 03 j 11:41	3°♉02'12		
retrograde	-6889 Oct 10 j 08:40	10°♉09'19		
asc. node	-6889 Nov 12 j 21:08	9°♉12'34		
opposition	-6889 Dec 17 j 06:34	6°♉49'59	0°03'26	
min. Earth dist.	-6889 Dec 16 j 23:43	6°♉51'18	8.80456 AU	
direct	-6888 Feb 25 j 23:57	3°♉24'43		
evening set	-6888 Jun 10 j 02:36	10°♉49'34		
conjunction	-6888 Jun 27 j 12:08	12°♉52'39	0°18'12	
minimum elong	-6888 Jun 27 j 12:07	12°♉52'38	0°18'29	
max. Earth dist.	-6888 Jun 27 j 17:56	12°♉54'21	10.87901 AU	
morning rise	-6888 Jul 14 j 16:08	14°♉54'07		
	-6888 Jul 15 j 12:24	15°♉		
retrograde	-6888 Oct 21 j 01:35	21°♉51'45		
opposition	-6888 Dec 28 j 09:40	18°♉33'53	0°39'49	
min. Earth dist.	-6888 Dec 28 j 06:33	18°♉34'28	8.94727 AU	
direct	-6887 Mar 09 j 14:03	15°♉09'56		
evening set	-6887 Jun 22 j 05:30	22°♉25'39		
conjunction	-6887 Jul 09 j 10:10	24°♉25'48	0°46'59	
minimum elong	-6887 Jul 09 j 10:08	24°♉25'48	0°47'20	
max. Earth dist.	-6887 Jul 09 j 11:35	24°♉26'13	11.01226 AU	
morning rise	-6887 Jul 26 j 09:29	26°♉24'27		
	-6887 Aug 29 j 09:27	0°♊		
retrograde	-6887 Nov 01 j 10:35	3°♊14'44		
	-6886 Jan 08 j 20:47	30°℞♉		
opposition	-6886 Jan 09 j 07:10	29°♉58'03	1°13'32	
min. Earth dist.	-6886 Jan 09 j 08:14	29°♉57'51	9.07083 AU	
direct	-6886 Mar 21 j 21:23	26°♉35'23		
	-6886 May 29 j 06:43	0°♊		
evening set	-6886 Jul 03 j 22:58	3°♊43'22		
conjunction	-6886 Jul 20 j 22:42	5°♊40'55	1°13'17	
minimum elong	-6886 Jul 20 j 22:39	5°♊40'54	1°13'41	
max. Earth dist.	-6886 Jul 20 j 19:01	5°♊39'51	11.12395 AU	
morning rise	-6886 Aug 06 j 17:43	7°♊37'09		
retrograde	-6886 Nov 12 j 16:46	14°♊22'16		
opposition	-6885 Jan 21 j 00:09	11°♊06'29	1°43'38	
min. Earth dist.	-6885 Jan 21 j 04:23	11°♊05'42	9.17097 AU	
direct	-6885 Apr 02 j 22:15	7°♊45'01		
evening set	-6885 Jul 15 j 08:47	14°♊46'44		
conjunction	-6885 Aug 01 j 04:02	16°♊42'11	1°36'21	
minimum elong	-6885 Aug 01 j 03:59	16°♊42'10	1°36'47	
max. Earth dist.	-6885 Jul 31 j 20:40	16°♊40'03	11.21044 AU	
morning rise	-6885 Aug 17 j 19:06	18°♊36'28		
retrograde	-6885 Nov 23 j 20:07	25°♊18'29		
opposition	-6884 Feb 01 j 13:55	22°♊03'18	2°09'24	
min. Earth dist.	-6884 Feb 01 j 20:47	22°♊02'03	9.24437 AU	
direct	-6884 Apr 13 j 15:50	18°♊42'56		
evening set	-6884 Jul 25 j 12:42	25°♊39'56		
conjunction	-6884 Aug 11 j 04:03	27°♊33'46	1°55'38	
minimum elong	-6884 Aug 11 j 04:00	27°♊33'45	1°56'05	
max. Earth dist.	-6884 Aug 10 j 17:57	27°♊30'52	11.26894 AU	
morning rise	-6884 Aug 27 j 15:35	29°♊26'37		
	-6884 Sep 01 j 15:19	0°♋		
retrograde	-6884 Dec 04 j 00:41	6°♋07'34		
opposition	-6883 Feb 12 j 02:22	2°♋52'41	2°30'16	
min. Earth dist.	-6883 Feb 12 j 12:23	2°♋50'52	9.28867 AU	
	-6883 Apr 01 j 00:54	30°℞♊		
direct	-6883 Apr 25 j 05:09	29°♊33'16		
	-6883 May 19 j 03:04	0°♋		

evening set	-6883 Aug 05 j 12:28	6°♋27'03		
max. Earth dist.	-6883 Aug 21 j 10:43	8°♋15'53	11.29766 AU	
conjunction	-6883 Aug 22 j 00:19	8°♋19'47	2°10'38	
minimum elong	-6883 Aug 22 j 00:17	8°♋19'47	2°11'05	
morning rise	-6883 Sep 07 j 09:15	10°♋11'47		
retrograde	-6883 Dec 15 j 03:58	16°♋53'36		
opposition	-6882 Feb 23 j 14:49	13°♋38'43	2°45'45	
min. Earth dist.	-6882 Feb 24 j 04:09	13°♋36'18	9.30262 AU	
direct	-6882 May 06 j 14:02	10°♋20'02		
evening set	-6882 Aug 16 j 09:51	17°♋12'09		
conjunction	-6882 Sep 01 j 19:03	19°♋04'21	2°20'59	
minimum elong	-6882 Sep 01 j 19:01	19°♋04'21	2°21'26	
max. Earth dist.	-6882 Sep 01 j 02:11	18°♋59'30	11.29590 AU	
morning rise	-6882 Sep 18 j 02:23	20°♋56'04		
retrograde	-6882 Dec 26 j 11:05	27°♋40'41		
opposition	-6881 Mar 07 j 04:23	24°♋25'24	2°55'27	
min. Earth dist.	-6881 Mar 07 j 19:58	24°♋22'34	9.28579 AU	
direct	-6881 May 18 j 00:09	21°♋07'13		
evening set	-6881 Aug 27 j 06:23	27°♋59'11		
conjunction	-6881 Sep 12 j 14:05	29°♋51'27	2°26'22	
minimum elong	-6881 Sep 12 j 14:05	29°♋51'27	2°26'48	
max. Earth dist.	-6881 Sep 11 j 19:47	29°♋46'10	11.26362 AU	
	-6881 Sep 13 j 19:40	0°♌		
morning rise	-6881 Sep 28 j 20:41	1°♌43'29		
retrograde	-6880 Jan 06 j 22:53	8°♌32'40		
opposition	-6880 Mar 17 j 20:30	5°♌16'40	2°59'02	
min. Earth dist.	-6880 Mar 18 j 12:58	5°♌13'40	9.23841 AU	
direct	-6880 May 28 j 08:45	1°♌58'48		
evening set	-6880 Sep 06 j 04:02	8°♌52'04		
conjunction	-6880 Sep 22 j 11:12	10°♌45'00	2°26'31	
minimum elong	-6880 Sep 22 j 11:13	10°♌45'00	2°26'54	
max. Earth dist.	-6880 Sep 21 j 15:52	10°♌39'22	11.20152 AU	
morning rise	-6880 Oct 08 j 18:02	12°♌37'58		
	-6880 Oct 30 j 11:02	15°♌		
retrograde	-6879 Jan 17 j 16:44	19°♌33'28		
opposition	-6879 Mar 29 j 16:35	16°♌16'27	2°56'12	
min. Earth dist.	-6879 Mar 30 j 10:11	16°♌13'14	9.16179 AU	
	-6879 Apr 16 j 14:56	15°℞♌		
direct	-6879 Jun 08 j 18:26	12°♌58'38		
	-6879 Jul 29 j 15:24	15°♌		
evening set	-6879 Sep 17 j 04:40	19°♌54'41		
conjunction	-6879 Oct 03 j 12:15	21°♌48'54	2°21'15	
minimum elong	-6879 Oct 03 j 12:17	21°♌48'54	2°21'34	
max. Earth dist.	-6879 Oct 02 j 15:18	21°♌42'44	11.11150 AU	
morning rise	-6879 Oct 19 j 20:41	23°♌43'26		
	-6879 Dec 29 j 09:20	0°♍		
retrograde	-6878 Jan 29 j 16:40	0°♍46'55		
	-6878 Mar 02 j 13:11	30°℞♌		
opposition	-6878 Apr 10 j 17:52	27°♌28'35	2°46'42	
min. Earth dist.	-6878 Apr 11 j 12:33	27°♌25'09	9.05823 AU	
direct	-6878 Jun 20 j 06:41	24°♌10'31		
	-6878 Sep 18 j 01:49	0°♍		
evening set	-6878 Sep 28 j 09:54	1°♍10'51		
conjunction	-6878 Oct 14 j 19:05	3°♍06'57	2°10'27	
minimum elong	-6878 Oct 14 j 19:08	3°♍06'58	2°10'41	
max. Earth dist.	-6878 Oct 13 j 21:31	3°♍00'32	10.99606 AU	
morning rise	-6878 Oct 31 j 06:14	5°♍03'42		
retrograde	-6877 Feb 11 j 00:25	12°♍16'46		
opposition	-6877 Apr 23 j 01:17	8°♍56'49	2°30'25	
min. Earth dist.	-6877 Apr 23 j 20:05	8°♍53'20	8.93053 AU	
direct	-6877 Jul 02 j 00:48	5°♍38'16		

Attention, astronomical year style is used: The year -6877 in astronomical counting style is the year 6878 BCE in historical counting style.

evening set	-6877 Oct 09 j 21:48	12°♑44'25	
conjunction	-6877 Oct 26 j 09:49	14°♑43'02	1°54'06
minimum elong	-6877 Oct 26 j 09:52	14°♑43'03	1°54'15
max. Earth dist.	-6877 Oct 25 j 13:19	14°♑36'50	10.85828 AU
morning rise	-6877 Nov 12 j 00:31	16°♑42'32	
retrograde	-6876 Feb 23 j 20:10	24°♑06'43	
opposition	-6876 May 04 j 15:54	20°♑44'59	2°07'23
min. Earth dist.	-6876 May 05 j 09:16	20°♑41'43	8.78247 AU
direct	-6876 Jul 13 j 00:55	17°♑25'44	
evening set	-6876 Oct 20 j 18:27	24°♑39'16	
conjunction	-6876 Nov 06 j 10:10	26°♑40'56	1°32'25
minimum elong	-6876 Nov 06 j 10:13	26°♑40'57	1°32'29
max. Earth dist.	-6876 Nov 05 j 15:11	26°♑35'07	10.70281 AU
morning rise	-6876 Nov 23 j 05:20	28°♑43'47	
	-6876 Dec 03 j 23:39	0°♎	
retrograde	-6875 Mar 08 j 02:24	6°♎20'24	
opposition	-6875 May 17 j 15:06	2°♎56'45	1°37'52
min. Earth dist.	-6875 May 18 j 06:11	2°♎53'53	8.61995 AU
	-6875 Jul 03 j 22:38	30°℞♑	
direct	-6875 Jul 25 j 06:01	29°♑36'35	
	-6875 Aug 15 j 07:36	0°♎	
evening set	-6875 Nov 02 j 01:49	6°♎58'58	
conjunction	-6875 Nov 18 j 21:54	9°♎04'07	1°05'49
minimum elong	-6875 Nov 18 j 21:57	9°♎04'08	1°05'48
max. Earth dist.	-6875 Nov 18 j 04:39	8°♎58'44	10.53652 AU
morning rise	-6875 Dec 05 j 22:25	11°♎10'44	
retrograde	-6874 Mar 21 j 19:21	19°♎00'42	
opposition	-6874 May 30 j 23:23	15°♎35'04	1°02'31
min. Earth dist.	-6874 May 31 j 11:55	15°♎32'38	8.45075 AU
direct	-6874 Aug 06 j 21:31	12°♎13'45	
evening set	-6874 Nov 14 j 21:54	19°♎46'14	
conjunction	-6874 Dec 01 j 22:53	21°♎55'10	0°35'07
minimum elong	-6874 Dec 01 j 22:55	21°♎55'11	0°35'00
max. Earth dist.	-6874 Dec 01 j 08:32	21°♎50'37	10.36761 AU
morning rise	-6874 Dec 19 j 05:06	24°♎05'48	
	-6873 Feb 12 j 15:50	0°♏	
retrograde	-6873 Apr 04 j 23:44	2°♏09'21	
	-6873 May 27 j 17:27	30°℞♎	
opposition	-6873 Jun 13 j 16:46	28°♎41'46	0°22'32
min. Earth dist.	-6873 Jun 14 j 02:22	28°♎39'53	8.28364 AU
direct	-6873 Aug 19 j 22:53	25°♎19'08	
	-6873 Nov 02 j 22:36	0°♏	
evening set	-6873 Nov 28 j 07:53	3°♏02'39	
conjunction	-6873 Dec 15 j 14:04	5°♏15'27	0°01'35
minimum elong	-6873 Dec 15 j 14:04	5°♏15'27	0°01'22
behind sun begin	-6873 Dec 15 j 06:53	5°♏13'09	
behind sun end	-6873 Dec 15 j 21:15	5°♏17'44	
max. Earth dist.	-6873 Dec 15 j 04:24	5°♏12'20	10.20501 AU
desc. node	-6872 Jan 01 j 15:53	7°♏26'56	
morning rise	-6872 Jan 02 j 01:50	7°♏30'05	
	-6872 Mar 19 j 12:56	15°♏	
retrograde	-6872 Apr 18 j 15:12	15°♏46'49	
	-6872 May 18 j 22:05	15°℞♏	
opposition	-6872 Jun 26 j 19:16	12°♏17'26	-0°20'17
min. Earth dist.	-6872 Jun 27 j 00:46	12°♏16'20	8.12789 AU
direct	-6872 Sep 01 j 10:22	8°♏53'22	
	-6872 Nov 26 j 22:25	15°♏	
evening set	-6872 Dec 11 j 08:31	16°♏48'20	
conjunction	-6872 Dec 28 j 19:49	19°♏04'49	-0°33'11
minimum elong	-6872 Dec 28 j 19:47	19°♏04'48	0°33'29
max. Earth dist.	-6872 Dec 28 j 16:03	19°♏03'35	10.05805 AU
morning rise	-6871 Jan 15 j 12:40	21°♏23'09	
retrograde	-6871 May 03 j 15:18	29°♏51'43	
opposition	-6871 Jul 11 j 05:54	26°♏20'47	-1°03'28
min. Earth dist.	-6871 Jul 11 j 06:33	26°♏20'40	7.99282 AU
direct	-6871 Sep 15 j 09:36	22°♏55'16	
	-6871 Dec 18 j 00:35	0°♐	
evening set	-6871 Dec 25 j 24:00	1°♐01'28	
conjunction	-6870 Jan 12 j 15:58	3°♐21'12	-1°06'51
minimum elong	-6870 Jan 12 j 15:54	3°♐21'11	1°07'14
max. Earth dist.	-6870 Jan 12 j 18:30	3°♐22'02	9.93589 AU
morning rise	-6870 Jan 30 j 13:06	5°♐42'41	
retrograde	-6870 May 18 j 22:16	14°♐20'33	
opposition	-6870 Jul 25 j 22:57	10°♐48'29	-1°43'58
min. Earth dist.	-6870 Jul 25 j 18:33	10°♐49'24	7.88710 AU
direct	-6870 Sep 29 j 18:07	7°♐21'31	
evening set	-6869 Jan 10 j 04:46	15°♐37'52	
conjunction	-6869 Jan 28 j 00:37	18°♐00'09	-1°37'02
minimum elong	-6869 Jan 28 j 00:34	18°♐00'07	1°37'28
max. Earth dist.	-6869 Jan 28 j 09:11	18°♐03'00	9.84676 AU
morning rise	-6869 Feb 15 j 01:00	20°♐23'56	
retrograde	-6869 Jun 03 j 09:15	29°♐07'35	
opposition	-6869 Aug 09 j 20:36	25°♐34'52	-2°18'33
min. Earth dist.	-6869 Aug 09 j 11:36	25°♐36'45	7.81793 AU
direct	-6869 Oct 14 j 10:52	22°♐06'36	
	-6868 Jan 21 j 21:18	0°♑	
evening set	-6868 Jan 25 j 19:44	0°♑30'57	
conjunction	-6868 Feb 12 j 18:37	2°♑54'51	-2°01'15
minimum elong	-6868 Feb 12 j 18:33	2°♑54'49	2°01'42
max. Earth dist.	-6868 Feb 13 j 08:39	2°♑59'34	9.79709 AU
morning rise	-6868 Mar 01 j 21:06	5°♑19'55	
retrograde	-6868 Jun 17 j 20:18	14°♑05'01	
opposition	-6868 Aug 23 j 20:02	10°♑32'12	-2°44'11
min. Earth dist.	-6868 Aug 23 j 07:24	10°♑34'52	7.79028 AU
direct	-6868 Oct 28 j 09:46	7°♑02'48	
evening set	-6867 Feb 09 j 17:11	15°♑32'09	
conjunction	-6867 Feb 27 j 18:15	17°♑56'40	-2°17'27
minimum elong	-6867 Feb 27 j 18:12	17°♑56'39	2°17'53
max. Earth dist.	-6867 Feb 28 j 12:45	18°♑02'52	9.79060 AU
morning rise	-6867 Mar 17 j 21:46	20°♑21'55	
retrograde	-6867 Jul 03 j 03:45	29°♑03'42	
opposition	-6867 Sep 07 j 18:13	25°♑31'22	-2°58'38
min. Earth dist.	-6867 Sep 07 j 03:05	25°♑34'33	7.80606 AU
direct	-6867 Nov 12 j 13:13	22°♑01'07	
	-6866 Feb 21 j 14:20	0°♒	
evening set	-6866 Feb 25 j 16:13	0°♒31'50	
conjunction	-6866 Mar 15 j 18:36	2°♒55'57	-2°24'20
minimum elong	-6866 Mar 15 j 18:36	2°♒55'57	2°24'44
max. Earth dist.	-6866 Mar 16 j 16:08	3°♒03'08	9.82769 AU
morning rise	-6866 Apr 02 j 22:08	5°♒20'19	
retrograde	-6866 Jul 18 j 03:48	13°♒54'19	
opposition	-6866 Sep 22 j 12:30	10°♒22'59	-3°00'54
min. Earth dist.	-6866 Sep 21 j 19:52	10°♒26'29	7.86391 AU
direct	-6866 Nov 27 j 18:02	6°♒52'17	
	-6865 Mar 10 j 19:55	15°♒	
evening set	-6865 Mar 13 j 11:38	15°♒20'33	
conjunction	-6865 Mar 31 j 14:29	17°♒43'18	-2°21'37
minimum elong	-6865 Mar 31 j 14:31	17°♒43'19	2°21'58
max. Earth dist.	-6865 Apr 01 j 13:34	17°♒50'56	9.90545 AU
morning rise	-6865 Apr 18 j 17:06	20°♒05'51	
retrograde	-6865 Aug 01 j 16:54	28°♒28'28	
min. Earth dist.	-6865 Oct 06 j 06:56	25°♒02'14	7.95951 AU

Attention, astronomical year style is used: The year -6865 in astronomical counting style is the year 6866 BCE in historical counting style.

opposition	-6865 Oct 07 j 00:19	24°♒58'36	-2°51'19
direct	-6865 Dec 12 j 20:11	21°♒27'54	
evening set	-6864 Mar 27 j 23:22	29°♒50'13	
	-6864 Mar 29 j 06:00	0°♓	
conjunction	-6864 Apr 15 j 01:53	2°♓10'51	-2°09'58
minimum elong	-6864 Apr 15 j 01:57	2°♓10'53	2°10'13
max. Earth dist.	-6864 Apr 16 j 01:05	2°♓18'25	10.01825 AU
morning rise	-6864 May 03 j 02:48	4°♓30'51	
retrograde	-6864 Aug 14 j 18:01	12°♓39'39	
min. Earth dist.	-6864 Oct 19 j 10:13	9°♓15'12	8.08618 AU
opposition	-6864 Oct 20 j 03:46	9°♓11'34	-2°31'20
direct	-6864 Dec 26 j 16:29	5°♓41'17	
evening set	-6863 Apr 12 j 00:14	13°♓54'58	
conjunction	-6863 Apr 30 j 01:35	16°♓12'54	-1°50'46
minimum elong	-6863 Apr 30 j 01:39	16°♓12'55	1°50'56
max. Earth dist.	-6863 Apr 30 j 23:50	16°♓20'01	10.15823 AU
morning rise	-6863 May 17 j 23:58	18°♓29'47	
retrograde	-6863 Aug 28 j 07:26	26°♓23'40	
opposition	-6863 Nov 02 j 22:01	22°♓57'36	-2°03'11
min. Earth dist.	-6863 Nov 02 j 05:12	23°♓01'02	8.23554 AU
direct	-6862 Jan 10 j 04:04	19°♓28'08	
evening set	-6862 Apr 26 j 12:16	27°♓31'24	
conjunction	-6862 May 14 j 11:27	29°♓46'11	-1°25'53
minimum elong	-6862 May 14 j 11:31	29°♓46'12	1°25'57
max. Earth dist.	-6862 May 15 j 07:50	29°♓52'36	10.31640 AU
	-6862 May 16 j 07:20	0°♈	
morning rise	-6862 Jun 01 j 06:31	1°♈59'37	
retrograde	-6862 Sep 10 j 10:22	9°♈38'39	
opposition	-6862 Nov 16 j 06:41	6°♈14'42	-1°29'23
min. Earth dist.	-6862 Nov 15 j 15:41	6°♈17'43	8.39868 AU
direct	-6861 Jan 24 j 05:52	2°♈46'21	
evening set	-6861 May 10 j 10:41	10°♈38'22	
conjunction	-6861 May 28 j 06:47	12°♈49'47	-0°57'17
minimum elong	-6861 May 28 j 06:49	12°♈49'48	0°57'14
max. Earth dist.	-6861 May 29 j 00:15	12°♈55'11	10.48368 AU
morning rise	-6861 Jun 14 j 21:56	14°♈59'39	
retrograde	-6861 Sep 23 j 00:46	22°♈24'44	
opposition	-6861 Nov 29 j 06:00	19°♈02'53	-0°52'23
min. Earth dist.	-6861 Nov 28 j 18:10	19°♈05'13	8.56680 AU
direct	-6860 Feb 06 j 22:20	15°♈35'51	
evening set	-6860 May 22 j 19:32	23°♈16'34	
conjunction	-6860 Jun 09 j 11:43	25°♈24'32	-0°26'47
minimum elong	-6860 Jun 09 j 11:45	25°♈24'32	0°26'38
max. Earth dist.	-6860 Jun 10 j 00:54	25°♈28'32	10.65131 AU
morning rise	-6860 Jun 26 j 22:38	27°♈30'54	
	-6860 Jul 18 j 18:29	0°♉	
retrograde	-6860 Oct 04 j 04:58	4°♉43'34	
opposition	-6860 Dec 10 j 20:41	1°♉23'41	-0°14'20
min. Earth dist.	-6860 Dec 10 j 12:23	1°♉25'17	8.73150 AU
	-6860 Dec 29 j 09:40	30°℞♈	
direct	-6859 Feb 19 j 05:03	27°♈58'03	
	-6859 Apr 11 j 03:42	0°♉	
asc. node	-6859 May 03 j 06:01	1°♉56'03	
evening set	-6859 Jun 04 j 15:42	5°♉28'02	
conjunction	-6859 Jun 22 j 03:22	7°♉32'39	0°04'04
minimum elong	-6859 Jun 22 j 03:21	7°♉32'39	0°04'19
behind sun begin	-6859 Jun 21 j 20:19	7°♉30'34	
behind sun end	-6859 Jun 22 j 10:22	7°♉34'43	
max. Earth dist.	-6859 Jun 22 j 11:16	7°♉35'00	10.81130 AU
morning rise	-6859 Jul 09 j 09:44	9°♉35'40	
	-6859 Sep 02 j 03:04	15°♉	
retrograde	-6859 Oct 16 j 00:30	16°♉37'49	
	-6859 Nov 30 j 04:07	15°℞♉	
opposition	-6859 Dec 23 j 03:38	13°♉19'38	0°22'58
min. Earth dist.	-6859 Dec 22 j 22:31	13°♉20'37	8.88525 AU
direct	-6858 Mar 04 j 01:38	9°♉55'28	
	-6858 May 27 j 15:25	15°♉	
evening set	-6858 Jun 17 j 00:11	17°♉15'39	
conjunction	-6858 Jul 04 j 07:06	19°♉17'10	0°33'44
minimum elong	-6858 Jul 04 j 07:04	19°♉17'09	0°34'03
max. Earth dist.	-6858 Jul 04 j 10:29	19°♉18'10	10.95674 AU
morning rise	-6858 Jul 21 j 08:47	21°♉17'08	
retrograde	-6858 Oct 27 j 13:33	28°♉10'52	
opposition	-6857 Jan 04 j 04:07	24°♉54'05	0°58'07
min. Earth dist.	-6857 Jan 04 j 02:01	24°♉54'28	9.02153 AU
direct	-6857 Mar 16 j 14:25	21°♉31'18	
evening set	-6857 Jun 28 j 22:20	28°♉42'56	
	-6857 Jul 10 j 01:32	0°♊	
conjunction	-6857 Jul 16 j 00:30	0°♊41'40	1°01'20
minimum elong	-6857 Jul 16 j 00:28	0°♊41'39	1°01'43
max. Earth dist.	-6857 Jul 16 j 00:09	0°♊41'34	11.08156 AU
morning rise	-6857 Aug 01 j 21:32	2°♊38'58	
retrograde	-6857 Nov 07 j 23:17	9°♊26'26	
opposition	-6856 Jan 15 j 23:26	6°♊10'44	1°30'02
min. Earth dist.	-6856 Jan 16 j 01:29	6°♊10'21	9.13467 AU
direct	-6856 Mar 27 j 17:26	2°♊49'13	
evening set	-6856 Jul 09 j 12:12	9°♊53'50	
conjunction	-6856 Jul 26 j 09:38	11°♊50'14	1°26'01
minimum elong	-6856 Jul 26 j 09:35	11°♊50'13	1°26'26
max. Earth dist.	-6856 Jul 26 j 04:29	11°♊48'45	11.18070 AU
morning rise	-6856 Aug 12 j 02:23	13°♊45'21	
retrograde	-6856 Nov 18 j 02:58	20°♊28'41	
opposition	-6855 Jan 26 j 15:00	17°♊13'46	1°57'55
min. Earth dist.	-6855 Jan 26 j 21:33	17°♊12'34	9.22036 AU
direct	-6855 Apr 08 j 13:10	13°♊53'21	
evening set	-6855 Jul 20 j 19:20	20°♊52'36	
conjunction	-6855 Aug 06 j 12:20	22°♊47'07	1°47'08
minimum elong	-6855 Aug 06 j 12:17	22°♊47'06	1°47'34
max. Earth dist.	-6855 Aug 06 j 02:11	22°♊44'12	11.25103 AU
morning rise	-6855 Aug 23 j 01:30	24°♊40'35	
	-6855 Oct 19 j 02:05	0°♋	
retrograde	-6855 Nov 29 j 06:52	1°♋21'59	
	-6854 Jan 10 j 18:07	30°℞♊	
opposition	-6854 Feb 07 j 04:30	28°♊07'26	2°21'09
min. Earth dist.	-6854 Feb 07 j 14:29	28°♊05'37	9.27626 AU
direct	-6854 Apr 20 j 06:38	24°♊47'56	
	-6854 Jul 16 j 02:04	0°♋	
evening set	-6854 Jul 31 j 21:14	1°♋43'18	
conjunction	-6854 Aug 17 j 10:34	3°♋36'30	2°04'11
minimum elong	-6854 Aug 17 j 10:31	3°♋36'30	2°04'38
max. Earth dist.	-6854 Aug 16 j 21:05	3°♋32'38	11.29100 AU
morning rise	-6854 Sep 02 j 20:44	5°♋28'52	
retrograde	-6854 Dec 10 j 10:40	12°♋10'18	
opposition	-6853 Feb 18 j 17:04	8°♋55'43	2°39'12
min. Earth dist.	-6853 Feb 19 j 05:16	8°♋53'30	9.30119 AU
direct	-6853 May 01 j 18:29	5°♋36'56	
evening set	-6853 Aug 11 j 19:51	12°♋29'55	
conjunction	-6853 Aug 28 j 06:21	14°♋22'21	2°16'44
minimum elong	-6853 Aug 28 j 06:20	14°♋22'21	2°17'11
max. Earth dist.	-6853 Aug 27 j 14:40	14°♋17'51	11.29985 AU
morning rise	-6853 Sep 13 j 14:15	16°♋14'10	
retrograde	-6853 Dec 21 j 17:42	22°♋57'30	

Attention, astronomical year style is used: The year -6852 in astronomical counting style is the year 6853 BCE in historical counting style.

opposition	-6852 Mar 01 j 06:02	19°♋42'32	2°51'39
min. Earth dist.	-6852 Mar 01 j 20:52	19°♋39'51	9.29476 AU
direct	-6852 May 12 j 04:23	16°♋24'11	
evening set	-6852 Aug 21 j 16:57	23°♋16'20	
max. Earth dist.	-6852 Sep 06 j 06:42	25°♋03'12	11.27767 AU
conjunction	-6852 Sep 07 j 01:19	25°♋08'34	2°24'29
minimum elong	-6852 Sep 07 j 01:18	25°♋08'34	2°24'55
morning rise	-6852 Sep 23 j 08:04	27°♋00'26	
	-6852 Oct 21 j 14:18	0°♌	
retrograde	-6851 Jan 01 j 01:43	3°♌47'28	
opposition	-6851 Mar 12 j 21:08	0°♌31'47	2°58'09
min. Earth dist.	-6851 Mar 13 j 14:40	0°♌28'36	9.25742 AU
	-6851 Mar 20 j 04:52	30°℞♋	
direct	-6851 May 23 j 12:07	27°♋13'37	
	-6851 Jul 23 j 06:40	0°♌	
evening set	-6851 Sep 01 j 13:58	4°♌06'23	
conjunction	-6851 Sep 17 j 21:09	5°♌59'00	2°27'06
minimum elong	-6851 Sep 17 j 21:09	5°♌59'00	2°27'30
max. Earth dist.	-6851 Sep 17 j 00:15	5°♌52'56	11.22537 AU
morning rise	-6851 Oct 04 j 03:53	7°♌51'33	
retrograde	-6850 Jan 12 j 15:05	14°♌44'08	
opposition	-6850 Mar 24 j 15:22	11°♌27'21	2°58'21
min. Earth dist.	-6850 Mar 25 j 10:12	11°♌23'55	9.19045 AU
direct	-6850 Jun 03 j 22:43	8°♌09'08	
	-6850 Sep 11 j 22:50	15°♌	
evening set	-6850 Sep 12 j 12:52	15°♌04'01	
conjunction	-6850 Sep 28 j 20:12	16°♌57'40	2°24'23
minimum elong	-6850 Sep 28 j 20:13	16°♌57'40	2°24'44
max. Earth dist.	-6850 Sep 27 j 23:02	16°♌51'28	11.14454 AU
morning rise	-6850 Oct 15 j 03:51	18°♌51'30	
retrograde	-6849 Jan 24 j 12:42	25°♌51'19	
opposition	-6849 Apr 05 j 13:49	22°♌33'10	2°52'00
min. Earth dist.	-6849 Apr 06 j 08:37	22°♌29'43	9.09587 AU
direct	-6849 Jun 15 j 10:43	19°♌14'43	
evening set	-6849 Sep 23 j 15:35	26°♌13'13	
max. Earth dist.	-6849 Oct 09 j 03:01	28°♌02'16	11.03767 AU
conjunction	-6849 Oct 10 j 00:07	28°♌08'30	2°16'10
minimum elong	-6849 Oct 10 j 00:09	28°♌08'31	2°16'26
	-6849 Oct 25 j 19:05	0°♍	
morning rise	-6849 Oct 26 j 09:47	0°♍04'16	
retrograde	-6848 Feb 05 j 17:03	7°♍12'59	
opposition	-6848 Apr 16 j 18:06	3°♍53'14	2°38'54
min. Earth dist.	-6848 Apr 17 j 12:27	3°♍49'50	8.97666 AU
direct	-6848 Jun 26 j 01:03	0°♍34'22	
evening set	-6848 Oct 04 j 00:01	7°♍38'00	
conjunction	-6848 Oct 20 j 10:38	9°♍35'31	2°02'24
minimum elong	-6848 Oct 20 j 10:41	9°♍35'32	2°02'35
max. Earth dist.	-6848 Oct 19 j 13:11	9°♍29'05	10.90827 AU
morning rise	-6848 Nov 05 j 23:34	11°♍33'48	
retrograde	-6847 Feb 17 j 07:21	18°♍52'58	
opposition	-6847 Apr 29 j 05:24	15°♍31'29	2°19'00
min. Earth dist.	-6847 Apr 29 j 23:24	15°♍28'07	8.83695 AU
direct	-6847 Jul 07 j 21:18	12°♍11'58	
evening set	-6847 Oct 15 j 16:16	19°♍22'15	
max. Earth dist.	-6847 Oct 31 j 09:39	21°♍16'20	10.76096 AU
conjunction	-6847 Nov 01 j 06:04	21°♍22'33	1°43'10
minimum elong	-6847 Nov 01 j 06:07	21°♍22'35	1°43'17
morning rise	-6847 Nov 17 j 23:15	23°♍23'57	
	-6846 Jan 27 j 18:00	0°♎	
retrograde	-6846 Mar 02 j 06:47	0°♎54'55	
	-6846 Apr 05 j 08:40	30°℞♍	

opposition	-6846 May 12 j 00:31	27°♍31'34	1°52'26
min. Earth dist.	-6846 May 12 j 17:07	27°♍28'25	8.68199 AU
direct	-6846 Jul 19 j 23:45	24°♍11'14	
	-6846 Oct 15 j 03:34	0°♎	
evening set	-6846 Oct 27 j 18:12	1°♎29'38	
conjunction	-6846 Nov 13 j 12:12	3°♎33'14	1°18'46
minimum elong	-6846 Nov 13 j 12:16	3°♎33'15	1°18'48
max. Earth dist.	-6846 Nov 12 j 18:34	3°♎27'46	10.60128 AU
morning rise	-6846 Nov 30 j 10:18	5°♎38'10	
retrograde	-6845 Mar 15 j 17:54	13°♎22'01	
opposition	-6845 May 25 j 04:18	9°♎56'45	1°19'40
min. Earth dist.	-6845 May 25 j 18:05	9°♎54'06	8.51801 AU
direct	-6845 Aug 01 j 12:02	6°♎35'28	
evening set	-6845 Nov 09 j 07:54	14°♎03'19	
conjunction	-6845 Nov 26 j 06:41	16°♎10'33	0°49'52
minimum elong	-6845 Nov 26 j 06:44	16°♎10'34	0°49'47
max. Earth dist.	-6845 Nov 25 j 16:46	16°♎06'10	10.43595 AU
morning rise	-6845 Dec 13 j 10:06	18°♎19'21	
retrograde	-6844 Mar 28 j 17:53	26°♎16'43	
opposition	-6844 Jun 06 j 17:17	22°♎49'35	0°41'38
min. Earth dist.	-6844 Jun 07 j 03:05	22°♎47'40	8.35254 AU
direct	-6844 Aug 13 j 07:54	19°♎27'14	
evening set	-6844 Nov 21 j 11:07	27°♎05'37	
conjunction	-6844 Dec 08 j 14:56	29°♎16'40	0°17'27
minimum elong	-6844 Dec 08 j 14:56	29°♎16'40	0°17'17
max. Earth dist.	-6844 Dec 08 j 04:49	29°♎13'26	10.27311 AU
	-6844 Dec 14 j 06:10	0°♏	
morning rise	-6844 Dec 25 j 23:57	1°♏29'28	
retrograde	-6843 Apr 12 j 05:28	9°♏40'17	
desc. node	-6843 Jun 19 j 07:25	6°♏17'51	
opposition	-6843 Jun 20 j 15:38	6°♏11'26	-0°00'09
min. Earth dist.	-6843 Jun 20 j 21:20	6°♏10'18	8.19426 AU
direct	-6843 Aug 26 j 13:05	2°♏47'55	
evening set	-6843 Dec 05 j 04:57	10°♏37'34	
conjunction	-6843 Dec 22 j 13:49	12°♏52'23	-0°17'02
minimum elong	-6843 Dec 22 j 13:48	12°♏52'23	0°17'18
max. Earth dist.	-6843 Dec 22 j 08:10	12°♏50'33	10.12166 AU
	-6842 Jan 07 j 23:57	15°♏	
morning rise	-6842 Jan 09 j 04:19	15°♏09'04	
retrograde	-6842 Apr 27 j 02:25	23°♏32'24	
opposition	-6842 Jul 04 j 22:44	20°♏02'06	-0°43'32
min. Earth dist.	-6842 Jul 05 j 00:21	20°♏01'47	8.05230 AU
direct	-6842 Sep 09 j 06:40	16°♏37'19	
evening set	-6842 Dec 19 j 13:49	24°♏38'24	
conjunction	-6841 Jan 06 j 03:27	26°♏56'40	-0°51'29
minimum elong	-6841 Jan 06 j 03:25	26°♏56'39	0°51'50
max. Earth dist.	-6841 Jan 06 j 03:03	26°♏56'32	9.99074 AU
morning rise	-6841 Jan 23 j 22:44	29°♏16'46	
	-6841 Jan 29 j 13:29	0°♐	
retrograde	-6841 May 12 j 06:38	7°♐50'39	
opposition	-6841 Jul 19 j 13:13	4°♐19'16	-1°25'41
min. Earth dist.	-6841 Jul 19 j 10:39	4°♐19'48	7.93574 AU
direct	-6841 Sep 23 j 10:56	0°♐53'13	
evening set	-6840 Jan 03 j 12:46	9°♐05'02	
conjunction	-6840 Jan 21 j 06:39	11°♐26'09	-1°23'36
minimum elong	-6840 Jan 21 j 06:35	11°♐26'07	1°24'01
max. Earth dist.	-6840 Jan 21 j 12:16	11°♐28'01	9.88922 AU
morning rise	-6840 Feb 08 j 05:42	13°♐48'56	
retrograde	-6840 May 26 j 16:19	22°♐30'19	
opposition	-6840 Aug 02 j 09:22	18°♐58'15	-2°03'23
min. Earth dist.	-6840 Aug 02 j 02:30	18°♐59'41	7.85270 AU

Attention, astronomical year style is used: The year -6840 in astronomical counting style is the year 6841 BCE in historical counting style.

direct	-6840 Oct 07 j 00:32	15°♐30'59	
evening set	-6839 Jan 17 j 23:32	23°♐51'47	
conjunction	-6839 Feb 04 j 20:58	26°♐14'56	-1°50'51
minimum elong	-6839 Feb 04 j 20:54	26°♐14'55	1°51'18
max. Earth dist.	-6839 Feb 05 j 08:48	26°♐18'55	9.82444 AU
morning rise	-6839 Feb 22 j 22:41	28°♐39'28	
	-6839 Mar 05 j 07:33	0°♑	
retrograde	-6839 Jun 11 j 03:45	7°♑24'15	
opposition	-6839 Aug 17 j 08:32	3°♑51'58	-2°33'27
min. Earth dist.	-6839 Aug 16 j 21:27	3°♑54'17	7.80904 AU
direct	-6839 Oct 21 j 21:43	0°♑23'36	
evening set	-6838 Feb 02 j 18:49	8°♑50'45	
conjunction	-6838 Feb 20 j 18:54	11°♑14'57	-2°10'58
minimum elong	-6838 Feb 20 j 18:51	11°♑14'56	2°11'25
max. Earth dist.	-6838 Feb 21 j 12:02	11°♑20'42	9.80100 AU
morning rise	-6838 Mar 10 j 22:02	13°♑40'06	
retrograde	-6838 Jun 26 j 13:02	22°♑23'36	
opposition	-6838 Sep 01 j 07:36	18°♑51'35	-2°53'14
min. Earth dist.	-6838 Aug 31 j 17:07	18°♑54'38	7.80745 AU
direct	-6838 Nov 05 j 24:00	15°♑22'19	
evening set	-6837 Feb 18 j 17:41	23°♑52'22	
conjunction	-6837 Mar 08 j 19:32	26°♑16'36	-2°22'14
minimum elong	-6837 Mar 08 j 19:31	26°♑16'35	2°22'40
max. Earth dist.	-6837 Mar 09 j 16:30	26°♑23'37	9.81999 AU
morning rise	-6837 Mar 26 j 23:01	28°♑41'18	
	-6837 Apr 06 j 02:57	0°♒	
retrograde	-6837 Jul 11 j 16:54	7°♒18'58	
min. Earth dist.	-6837 Sep 15 j 11:19	3°♒51'12	7.84689 AU
opposition	-6837 Sep 16 j 03:59	3°♒47'42	-3°01'09
direct	-6837 Nov 21 j 04:22	0°♒17'49	
evening set	-6836 Mar 05 j 15:04	8°♒47'08	
conjunction	-6836 Mar 23 j 17:53	11°♒10'28	-2°23'55
minimum elong	-6836 Mar 23 j 17:54	11°♒10'29	2°24'17
max. Earth dist.	-6836 Mar 24 j 16:56	11°♒18'07	9.87871 AU
morning rise	-6836 Apr 10 j 20:50	13°♒33'48	
	-6836 Apr 22 j 02:54	15°♒	
retrograde	-6836 Jul 25 j 11:38	22°♒01'49	
opposition	-6836 Sep 29 j 19:00	18°♒31'48	-2°56'55
min. Earth dist.	-6836 Sep 29 j 01:32	18°♒35'27	7.92345 AU
direct	-6836 Dec 05 j 07:06	15°♒01'41	
evening set	-6835 Mar 21 j 07:03	23°♒26'53	
conjunction	-6835 Apr 08 j 09:57	25°♒48'31	-2°16'14
minimum elong	-6835 Apr 08 j 10:00	25°♒48'32	2°16'32
max. Earth dist.	-6835 Apr 09 j 09:28	25°♒56'14	9.97264 AU
morning rise	-6835 Apr 26 j 11:35	28°♒09'41	
	-6835 May 11 j 03:44	0°♓	
retrograde	-6835 Aug 08 j 19:36	6°♓25'10	
min. Earth dist.	-6835 Oct 13 j 09:44	3°♓00'18	8.03232 AU
opposition	-6835 Oct 14 j 02:43	2°♓56'46	-2°41'30
	-6835 Nov 25 j 14:24	30°♒℞	
direct	-6835 Dec 20 j 05:38	29°♒26'47	
	-6834 Jan 13 j 21:37	0°♓	
evening set	-6834 Apr 05 j 13:49	7°♓44'52	
conjunction	-6834 Apr 23 j 15:51	10°♓04'07	-2°00'17
minimum elong	-6834 Apr 23 j 15:55	10°♓04'08	2°00'29
max. Earth dist.	-6834 Apr 24 j 14:13	10°♓11'20	10.09620 AU
morning rise	-6834 May 11 j 15:24	12°♓22'29	
retrograde	-6834 Aug 22 j 15:50	20°♓23'41	
min. Earth dist.	-6834 Oct 27 j 10:11	17°♓00'20	8.16720 AU
opposition	-6834 Oct 28 j 01:55	16°♓57'06	-2°16'49
direct	-6833 Jan 03 j 21:35	13°♓27'35	
evening set	-6833 Apr 20 j 08:26	21°♓36'12	
conjunction	-6833 May 08 j 08:40	23°♓52'33	-1°37'46
minimum elong	-6833 May 08 j 08:44	23°♓52'34	1°37'52
max. Earth dist.	-6833 May 09 j 04:33	23°♓58'52	10.24194 AU
morning rise	-6833 May 26 j 05:25	26°♓07'42	
	-6833 Jun 28 j 18:22	0°♈	
retrograde	-6833 Sep 04 j 23:44	3°♈54'02	
opposition	-6833 Nov 10 j 15:37	0°♈29'22	-1°45'17
min. Earth dist.	-6833 Nov 10 j 01:27	0°♈32'13	8.32007 AU
	-6833 Nov 16 j 17:26	30°♓℞	
direct	-6832 Jan 18 j 05:42	27°♓00'37	
	-6832 Mar 19 j 02:18	0°♈	
evening set	-6832 May 03 j 13:48	4°♈58'25	
conjunction	-6832 May 21 j 11:23	7°♈11'32	-1°10'36
minimum elong	-6832 May 21 j 11:26	7°♈11'33	1°10'36
max. Earth dist.	-6832 May 22 j 04:02	7°♈16'43	10.40120 AU
morning rise	-6832 Jun 08 j 04:40	9°♈23'13	
retrograde	-6832 Sep 16 j 18:05	16°♈55'08	
opposition	-6832 Nov 22 j 19:33	13°♈32'23	-1°09'25
min. Earth dist.	-6832 Nov 22 j 07:15	13°♈34'49	8.48216 AU
direct	-6831 Jan 31 j 04:57	10°♈04'39	
evening set	-6831 May 17 j 05:27	17°♈51'10	
conjunction	-6831 Jun 03 j 23:36	20°♈00'53	-0°40'43
minimum elong	-6831 Jun 03 j 23:38	20°♈00'53	0°40'37
max. Earth dist.	-6831 Jun 04 j 12:51	20°♈04'56	10.56508 AU
morning rise	-6831 Jun 21 j 12:45	22°♈09'02	
retrograde	-6831 Sep 29 j 03:38	29°♈27'49	
opposition	-6831 Dec 05 j 14:32	26°♈06'51	-0°31'34
min. Earth dist.	-6831 Dec 05 j 04:37	26°♈08'48	8.64492 AU
direct	-6830 Feb 13 j 16:42	22°♈40'20	
	-6830 May 28 j 02:03	0°♉	
evening set	-6830 May 30 j 07:40	0°♉15'46	
conjunction	-6830 Jun 16 j 21:41	2°♉22'06	-0°09'54
minimum elong	-6830 Jun 16 j 21:42	2°♉22'06	0°09'42
behind sun begin	-6830 Jun 16 j 15:50	2°♉20'21	
behind sun end	-6830 Jun 17 j 03:35	2°♉23'51	
max. Earth dist.	-6830 Jun 17 j 07:44	2°♉25'07	10.72534 AU
morning rise	-6830 Jul 04 j 06:14	4°♉26'48	
retrograde	-6830 Oct 11 j 04:48	11°♉34'11	
asc. node	-6830 Oct 16 j 02:33	11°♉32'54	
opposition	-6830 Dec 18 j 01:21	8°♉14'52	0°06'18
min. Earth dist.	-6830 Dec 17 j 18:56	8°♉16'06	8.80070 AU
direct	-6829 Feb 26 j 16:52	4°♉49'38	
evening set	-6829 Jun 11 j 21:41	12°♉14'46	
conjunction	-6829 Jun 29 j 07:02	14°♉17'53	0°20'31
minimum elong	-6829 Jun 29 j 07:01	14°♉17'52	0°20'48
max. Earth dist.	-6829 Jun 29 j 12:44	14°♉19'34	10.87485 AU
	-6829 Jul 05 j 04:52	15°♉	
morning rise	-6829 Jul 16 j 10:53	16°♉19'25	
retrograde	-6829 Oct 22 j 19:51	23°♉17'20	
opposition	-6829 Dec 30 j 04:53	19°♉59'28	0°42'37
min. Earth dist.	-6829 Dec 30 j 02:28	19°♉59'55	8.94294 AU
direct	-6828 Mar 10 j 09:22	16°♉35'29	
evening set	-6828 Jun 23 j 00:48	23°♉51'32	
conjunction	-6828 Jul 10 j 05:12	25°♉51'41	0°49'13
minimum elong	-6828 Jul 10 j 05:10	25°♉51'41	0°49'34
max. Earth dist.	-6828 Jul 10 j 05:47	25°♉51'52	11.00769 AU
morning rise	-6828 Jul 27 j 04:31	27°♉50'22	
	-6828 Aug 15 j 17:46	0°♊	
retrograde	-6828 Nov 02 j 06:03	4°♊41'00	
opposition	-6827 Jan 10 j 02:38	1°♊24'17	1°16'10

Attention, astronomical year style is used: The year -6827 in astronomical counting style is the year 6828 BCE in historical counting style.

min. Earth dist.	-6827 Jan 10 j 03:35	1°♊24'06	9.06613 AU
	-6827 Jan 29 j 11:10	30°℞♉	
direct	-6827 Mar 22 j 17:37	28°♉01'34	
	-6827 May 12 j 18:12	0°♊	
evening set	-6827 Jul 04 j 18:28	5°♊09'50	
conjunction	-6827 Jul 21 j 18:03	7°♊07'26	1°15'20
minimum elong	-6827 Jul 21 j 18:00	7°♊07'25	1°15'44
max. Earth dist.	-6827 Jul 21 j 14:26	7°♊06'23	11.11905 AU
morning rise	-6827 Aug 07 j 12:56	9°♊03'41	
retrograde	-6827 Nov 13 j 12:02	15°♊49'09	
opposition	-6826 Jan 21 j 19:57	12°♊33'18	1°45'59
min. Earth dist.	-6826 Jan 21 j 23:31	12°♊32'38	9.16593 AU
direct	-6826 Apr 03 j 17:54	9°♊11'48	
evening set	-6826 Jul 16 j 04:28	16°♊13'46	
conjunction	-6826 Aug 01 j 23:38	18°♊09'14	1°38'09
minimum elong	-6826 Aug 01 j 23:35	18°♊09'14	1°38'35
max. Earth dist.	-6826 Aug 01 j 17:07	18°♊07'22	11.20529 AU
morning rise	-6826 Aug 18 j 14:25	20°♊03'33	
retrograde	-6826 Nov 24 j 17:31	26°♊45'55	
opposition	-6825 Feb 02 j 10:14	23°♊30'40	2°11'24
min. Earth dist.	-6825 Feb 02 j 16:58	23°♊29'26	9.23919 AU
direct	-6825 Apr 15 j 12:02	20°♊10'16	
evening set	-6825 Jul 27 j 08:31	27°♊07'27	
conjunction	-6825 Aug 12 j 23:39	29°♊01'19	1°57'05
minimum elong	-6825 Aug 12 j 23:36	29°♊01'18	1°57'32
max. Earth dist.	-6825 Aug 12 j 13:37	28°♊58'26	11.26373 AU
	-6825 Aug 21 j 12:10	0°♋	
morning rise	-6825 Aug 29 j 11:04	0°♋54'12	
retrograde	-6825 Dec 05 j 20:06	7°♋35'29	
opposition	-6824 Feb 13 j 23:01	4°♋20'31	2°31'49
min. Earth dist.	-6824 Feb 14 j 09:29	4°♋18'37	9.28359 AU
direct	-6824 Apr 26 j 00:16	1°♋01'03	
evening set	-6824 Aug 06 j 08:28	7°♋55'02	
conjunction	-6824 Aug 22 j 20:06	9°♋47'47	2°11'42
minimum elong	-6824 Aug 22 j 20:04	9°♋47'46	2°12'09
max. Earth dist.	-6824 Aug 22 j 06:03	9°♋43'45	11.29262 AU
morning rise	-6824 Sep 08 j 05:02	11°♋39'49	
retrograde	-6824 Dec 16 j 00:25	18°♋22'00	
opposition	-6823 Feb 24 j 11:33	15°♋07'00	2°46'48
min. Earth dist.	-6823 Feb 25 j 00:38	15°♋04'37	9.29774 AU
direct	-6823 May 07 j 11:45	11°♋48'15	
evening set	-6823 Aug 17 j 05:52	18°♋40'33	
conjunction	-6823 Sep 02 j 15:02	20°♋32'47	2°21'37
minimum elong	-6823 Sep 02 j 15:00	20°♋32'47	2°22'04
max. Earth dist.	-6823 Sep 01 j 22:54	20°♋28'09	11.29114 AU
morning rise	-6823 Sep 18 j 22:17	22°♋24'32	
retrograde	-6823 Dec 27 j 07:57	29°♋09'29	
opposition	-6822 Mar 08 j 01:22	25°♋54'06	2°55'58
min. Earth dist.	-6822 Mar 08 j 15:54	25°♋51'28	9.28119 AU
direct	-6822 May 18 j 20:34	22°♋35'55	
evening set	-6822 Aug 28 j 02:26	29°♋27'59	
	-6822 Sep 01 j 19:11	0°♌	
conjunction	-6822 Sep 13 j 10:10	1°♌20'17	2°26'32
minimum elong	-6822 Sep 13 j 10:10	1°♌20'17	2°26'58
max. Earth dist.	-6822 Sep 12 j 16:48	1°♌15'16	11.25922 AU
morning rise	-6822 Sep 29 j 16:39	3°♌12'22	
retrograde	-6821 Jan 07 j 20:21	10°♌01'53	
opposition	-6821 Mar 19 j 17:44	6°♌45'48	2°58'58
min. Earth dist.	-6821 Mar 20 j 09:45	6°♌42'53	9.23427 AU
direct	-6821 May 30 j 05:19	3°♌27'55	
evening set	-6821 Sep 08 j 00:16	10°♌21'16	
max. Earth dist.	-6821 Sep 23 j 11:50	12°♌08'34	11.19773 AU
conjunction	-6821 Sep 24 j 07:23	12°♌14'15	2°26'13
minimum elong	-6821 Sep 24 j 07:24	12°♌14'15	2°26'35
morning rise	-6821 Oct 10 j 14:21	14°♌07'17	
	-6821 Oct 18 j 09:42	15°♌	
retrograde	-6820 Jan 19 j 13:37	21°♌03'03	
opposition	-6820 Mar 30 j 13:51	17°♌45'58	2°55'32
min. Earth dist.	-6820 Mar 31 j 07:42	17°♌42'43	9.15836 AU
	-6820 May 14 j 14:07	15°℞♌	
direct	-6820 Jun 09 j 14:34	14°♌28'09	
	-6820 Jul 05 j 06:29	15°♌	
evening set	-6820 Sep 18 j 00:58	21°♌24'16	
max. Earth dist.	-6820 Oct 03 j 11:43	23°♌12'24	11.10854 AU
conjunction	-6820 Oct 04 j 08:34	23°♌18'32	2°20'28
minimum elong	-6820 Oct 04 j 08:36	23°♌18'33	2°20'46
morning rise	-6820 Oct 20 j 17:11	25°♌13'09	
	-6820 Dec 07 j 04:37	0°♍	
retrograde	-6819 Jan 30 j 12:43	2°♍16'53	
	-6819 Mar 28 j 10:29	30°℞♌	
opposition	-6819 Apr 11 j 15:11	28°♌58'29	2°45'27
min. Earth dist.	-6819 Apr 12 j 09:39	28°♌55'05	9.05573 AU
direct	-6819 Jun 21 j 04:07	25°♌40'26	
	-6819 Sep 04 j 23:48	0°♍	
evening set	-6819 Sep 29 j 06:09	2°♍40'48	
conjunction	-6819 Oct 15 j 15:33	4°♍36'58	2°09'12
minimum elong	-6819 Oct 15 j 15:36	4°♍36'58	2°09'25
max. Earth dist.	-6819 Oct 14 j 19:17	4°♍30'56	10.99418 AU
morning rise	-6819 Nov 01 j 02:46	6°♍33'45	
retrograde	-6818 Feb 11 j 22:43	13°♍47'02	
opposition	-6818 Apr 23 j 22:39	10°♍27'02	2°28'37
min. Earth dist.	-6818 Apr 24 j 16:16	10°♍23'46	8.92933 AU
direct	-6818 Jul 02 j 22:38	7°♍08'32	
evening set	-6818 Oct 10 j 18:10	14°♍14'36	
max. Earth dist.	-6818 Oct 26 j 10:52	16°♍07'22	10.85790 AU
conjunction	-6818 Oct 27 j 06:23	16°♍13'16	1°52'26
minimum elong	-6818 Oct 27 j 06:27	16°♍13'17	1°52'35
morning rise	-6818 Nov 12 j 21:13	18°♍12'50	
retrograde	-6817 Feb 24 j 17:48	25°♍37'04	
opposition	-6817 May 06 j 13:12	22°♍15'18	2°05'06
min. Earth dist.	-6817 May 07 j 05:38	22°♍12'13	8.78293 AU
direct	-6817 Jul 14 j 20:26	18°♍56'06	
evening set	-6817 Oct 22 j 14:55	26°♍09'28	
max. Earth dist.	-6817 Nov 07 j 11:38	28°♍05'18	10.70408 AU
conjunction	-6817 Nov 08 j 06:43	28°♍11'09	1°30'23
minimum elong	-6817 Nov 08 j 06:47	28°♍11'10	1°30'27
	-6817 Nov 23 j 03:33	0°♎	
morning rise	-6817 Nov 25 j 02:11	0°♎14'02	
retrograde	-6816 Mar 08 j 23:10	7°♎50'34	
opposition	-6816 May 18 j 12:15	4°♎26'55	1°35'10
min. Earth dist.	-6816 May 19 j 03:19	4°♎24'03	8.62184 AU
direct	-6816 Jul 26 j 03:04	1°♎06'47	
evening set	-6816 Nov 02 j 22:13	8°♎28'58	
conjunction	-6816 Nov 19 j 18:23	10°♎34'07	1°03'31
minimum elong	-6816 Nov 19 j 18:26	10°♎34'08	1°03'30
max. Earth dist.	-6816 Nov 19 j 00:57	10°♎28'41	10.53902 AU
morning rise	-6816 Dec 06 j 19:11	12°♎40'46	
retrograde	-6815 Mar 22 j 16:17	20°♎30'34	
opposition	-6815 May 31 j 20:21	17°♎04'58	0°59'33
min. Earth dist.	-6815 Jun 01 j 09:18	17°♎02'27	8.45364 AU
direct	-6815 Aug 07 j 18:14	13°♎43'41	
evening set	-6815 Nov 15 j 18:12	21°♎15'56	

Attention, astronomical year style is used: The year -6815 in astronomical counting style is the year 6816 BCE in historical counting style.

conjunction	-6815 Dec 02 j 19:23	23°♎24'51	0°32'40
minimum elong	-6815 Dec 02 j 19:25	23°♎24'52	0°32'32
max. Earth dist.	-6815 Dec 02 j 05:40	23°♎20'30	10.37090 AU
morning rise	-6815 Dec 20 j 01:45	25°♎35'29	
	-6814 Jan 27 j 20:45	0°♏	
retrograde	-6814 Apr 05 j 20:19	3°♏38'51	
opposition	-6814 Jun 14 j 13:30	0°♏11'19	0°19'26
min. Earth dist.	-6814 Jun 14 j 23:04	0°♏09'26	8.28720 AU
	-6814 Jun 16 j 22:55	30°℞♎	
direct	-6814 Aug 20 j 19:28	26°♎48'44	
	-6814 Oct 20 j 12:51	0°♏	
evening set	-6814 Nov 29 j 04:11	4°♏32'01	
desc. node	-6814 Dec 05 j 20:03	5°♏22'50	
conjunction	-6814 Dec 16 j 10:38	6°♏44'48	-0°01'00
minimum elong	-6814 Dec 16 j 10:37	6°♏44'48	0°01'13
behind sun begin	-6814 Dec 16 j 03:27	6°♏42'30	
behind sun end	-6814 Dec 16 j 17:48	6°♏47'05	
max. Earth dist.	-6814 Dec 16 j 01:50	6°♏41'59	10.20874 AU
morning rise	-6813 Jan 02 j 22:26	8°♏59'23	
	-6813 Feb 27 j 06:19	15°♏	
retrograde	-6813 Apr 20 j 10:57	17°♏15'54	
	-6813 Jun 13 j 01:12	15°℞♏	
opposition	-6813 Jun 28 j 15:39	13°♏46'33	-0°23'21
min. Earth dist.	-6813 Jun 28 j 20:39	13°♏45'33	8.13180 AU
direct	-6813 Sep 03 j 07:45	10°♏22'33	
	-6813 Nov 16 j 02:06	15°♏	
evening set	-6813 Dec 13 j 04:54	18°♏17'18	
conjunction	-6813 Dec 30 j 16:20	20°♏33'45	-0°35'34
minimum elong	-6813 Dec 30 j 16:18	20°♏33'45	0°35'54
max. Earth dist.	-6813 Dec 30 j 13:02	20°♏32'41	10.06196 AU
morning rise	-6812 Jan 17 j 09:08	22°♏52'02	
	-6812 Mar 26 j 04:18	0°♐	
retrograde	-6812 May 04 j 11:05	1°♐20'20	
	-6812 Jun 13 j 05:02	30°℞♏	
opposition	-6812 Jul 12 j 01:58	27°♏49'27	-1°06'19
min. Earth dist.	-6812 Jul 12 j 02:03	27°♏49'26	7.99684 AU
direct	-6812 Sep 16 j 05:32	24°♏23'59	
	-6812 Dec 06 j 21:29	0°♐	
evening set	-6812 Dec 26 j 20:22	2°♐29'58	
conjunction	-6811 Jan 13 j 12:19	4°♐49'38	-1°09'00
minimum elong	-6811 Jan 13 j 12:15	4°♐49'37	1°09'23
max. Earth dist.	-6811 Jan 13 j 14:41	4°♐50'25	9.93988 AU
morning rise	-6811 Jan 31 j 09:26	7°♐11'03	
retrograde	-6811 May 19 j 18:50	15°♐48'37	
opposition	-6811 Jul 26 j 18:49	12°♐16'36	-1°46'25
min. Earth dist.	-6811 Jul 26 j 14:15	12°♐17'33	7.89113 AU
direct	-6811 Sep 30 j 12:53	8°♐49'40	
evening set	-6810 Jan 11 j 01:04	17°♐05'49	
conjunction	-6810 Jan 28 j 20:51	19°♐28'01	-1°38'46
minimum elong	-6810 Jan 28 j 20:47	19°♐27'59	1°39'13
max. Earth dist.	-6810 Jan 29 j 04:36	19°♐30'36	9.85073 AU
morning rise	-6810 Feb 15 j 21:17	21°♐51'44	
	-6810 May 09 j 23:37	0°♑	
retrograde	-6810 Jun 04 j 06:00	0°♑35'02	
	-6810 Jun 29 j 12:06	30°℞♐	
opposition	-6810 Aug 10 j 16:11	27°♐02'23	-2°20'25
min. Earth dist.	-6810 Aug 10 j 07:42	27°♐04'09	7.82184 AU
direct	-6810 Oct 15 j 05:42	23°♐34'05	
	-6809 Jan 11 j 07:35	0°♑	
evening set	-6809 Jan 26 j 16:04	1°♑58'18	
conjunction	-6809 Feb 13 j 14:50	4°♑22'06	-2°02'29
minimum elong	-6809 Feb 13 j 14:46	4°♑22'05	2°02'57
max. Earth dist.	-6809 Feb 14 j 03:41	4°♑26'25	9.80084 AU
morning rise	-6809 Mar 03 j 17:23	6°♑47'06	
retrograde	-6809 Jun 19 j 16:44	15°♑31'47	
opposition	-6809 Aug 25 j 15:19	11°♑59'03	-2°45'22
min. Earth dist.	-6809 Aug 25 j 03:36	12°♑01'31	7.79386 AU
direct	-6809 Oct 30 j 05:39	8°♑29'37	
evening set	-6808 Feb 11 j 13:17	16°♑58'51	
conjunction	-6808 Feb 29 j 14:15	19°♑23'16	-2°18'06
minimum elong	-6808 Feb 29 j 14:13	19°♑23'15	2°18'33
max. Earth dist.	-6808 Mar 01 j 07:36	19°♑29'05	9.79396 AU
morning rise	-6808 Mar 18 j 17:50	21°♑48'27	
	-6808 Jun 10 j 22:41	0°♒	
retrograde	-6808 Jul 03 j 23:17	0°♒29'49	
	-6808 Jul 26 j 22:27	30°℞♑	
opposition	-6808 Sep 08 j 13:16	26°♑57'33	-2°59'03
min. Earth dist.	-6808 Sep 07 j 22:54	27°♑00'35	7.80918 AU
direct	-6808 Nov 13 j 09:57	23°♑27'17	
	-6807 Feb 11 j 02:44	0°♒	
evening set	-6807 Feb 26 j 11:57	1°♒57'52	
conjunction	-6807 Mar 16 j 14:21	4°♒21'54	-2°24'23
minimum elong	-6807 Mar 16 j 14:21	4°♒21'54	2°24'47
max. Earth dist.	-6807 Mar 17 j 10:59	4°♒28'48	9.83050 AU
morning rise	-6807 Apr 03 j 17:56	6°♒46'13	
	-6807 Jun 30 j 05:47	15°♒	
retrograde	-6807 Jul 18 j 21:35	15°♒19'50	
	-6807 Aug 06 j 14:06	15°℞♒	
opposition	-6807 Sep 23 j 07:16	11°♒48'33	-3°00'34
min. Earth dist.	-6807 Sep 22 j 15:00	11°♒51'59	7.86635 AU
direct	-6807 Nov 28 j 14:18	8°♒17'50	
	-6806 Feb 28 j 08:45	15°♒	
evening set	-6806 Mar 14 j 07:14	16°♒45'59	
conjunction	-6806 Apr 01 j 10:11	19°♒08'42	-2°21'04
minimum elong	-6806 Apr 01 j 10:13	19°♒08'43	2°21'24
max. Earth dist.	-6806 Apr 02 j 08:43	19°♒16'09	9.90747 AU
morning rise	-6806 Apr 19 j 12:47	21°♒31'12	
retrograde	-6806 Aug 02 j 10:23	29°♒53'30	
opposition	-6806 Oct 07 j 18:49	26°♒23'39	-2°50'16
min. Earth dist.	-6806 Oct 07 j 01:18	26°♒27'18	7.96101 AU
direct	-6806 Dec 13 j 15:23	22°♒52'55	
	-6805 Mar 19 j 19:50	0°♓	
evening set	-6805 Mar 29 j 18:44	1°♓15'09	
conjunction	-6805 Apr 16 j 21:24	3°♓35'47	-2°08'52
minimum elong	-6805 Apr 16 j 21:27	3°♓35'49	2°09'07
max. Earth dist.	-6805 Apr 17 j 20:37	3°♓43'22	10.01924 AU
morning rise	-6805 May 04 j 22:12	5°♓55'44	
retrograde	-6805 Aug 16 j 12:39	14°♓04'20	
opposition	-6805 Oct 21 j 22:14	10°♓36'14	-2°29'41
min. Earth dist.	-6805 Oct 21 j 04:29	10°♓39'54	8.08655 AU
direct	-6805 Dec 28 j 10:31	7°♓05'55	
evening set	-6804 Apr 12 j 19:17	15°♓19'33	
conjunction	-6804 Apr 30 j 20:45	17°♓37'29	-1°49'14
minimum elong	-6804 Apr 30 j 20:49	17°♓37'31	1°49'22
max. Earth dist.	-6804 May 01 j 19:22	17°♓44'44	10.15806 AU
morning rise	-6804 May 18 j 19:01	19°♓54'22	
retrograde	-6804 Aug 29 j 03:11	27°♓48'08	
opposition	-6804 Nov 03 j 16:28	24°♓22'03	-2°01'03
min. Earth dist.	-6804 Nov 02 j 24:00	24°♓25'24	8.23472 AU
direct	-6803 Jan 10 j 21:56	20°♓52'31	
evening set	-6803 Apr 27 j 07:17	28°♓55'50	
	-6803 May 05 j 21:40	0°♈	
conjunction	-6803 May 15 j 06:29	1°♈10'39	-1°23'59

Attention, astronomical year style is used: The year -6803 in astronomical counting style is the year 6804 BCE in historical counting style.

minimum elong	-6803 May 15 j 06:33	1°♈10'40	1°24'02
max. Earth dist.	-6803 May 16 j 02:47	1°♈17'02	10.31499 AU
morning rise	-6803 Jun 02 j 01:29	3°♈24'07	
retrograde	-6803 Sep 11 j 04:41	11°♈03'05	
min. Earth dist.	-6803 Nov 16 j 11:07	7°♈41'58	8.39665 AU
opposition	-6803 Nov 17 j 01:11	7°♈39'08	-1°26'52
direct	-6802 Jan 25 j 00:47	4°♈10'42	
evening set	-6802 May 11 j 05:44	12°♈02'53	
conjunction	-6802 May 29 j 01:43	14°♈14'19	-0°55'08
minimum elong	-6802 May 29 j 01:46	14°♈14'19	0°55'04
max. Earth dist.	-6802 May 29 j 18:20	14°♈19'27	10.48104 AU
morning rise	-6802 Jun 15 j 16:53	16°♈24'14	
retrograde	-6802 Sep 23 j 19:16	23°♈49'23	
opposition	-6802 Nov 30 j 00:43	20°♈27'32	-0°49'38
min. Earth dist.	-6802 Nov 29 j 13:35	20°♈29'43	8.56363 AU
direct	-6801 Feb 07 j 17:18	17°♈00'25	
evening set	-6801 May 24 j 14:31	24°♈41'21	
conjunction	-6801 Jun 11 j 06:32	26°♈49'21	-0°24'30
minimum elong	-6801 Jun 11 j 06:33	26°♈49'22	0°24'20
max. Earth dist.	-6801 Jun 11 j 18:34	26°♈53'00	10.64758 AU
morning rise	-6801 Jun 28 j 17:29	28°♈55'46	
	-6801 Jul 07 j 20:43	0°♉	
retrograde	-6801 Oct 05 j 23:30	6°♉08'38	
opposition	-6801 Dec 12 j 15:33	2°♉48'43	-0°11'28
min. Earth dist.	-6801 Dec 12 j 07:05	2°♉50'21	8.72731 AU
	-6800 Jan 24 j 10:35	30°℞♈	
direct	-6800 Feb 21 j 00:02	29°♈23'03	
	-6800 Mar 19 j 11:48	0°♉	
asc. node	-6800 Apr 04 j 23:09	0°♉55'11	
evening set	-6800 Jun 05 j 10:44	6°♉53'18	
conjunction	-6800 Jun 22 j 22:19	8°♉57'58	0°06'24
minimum elong	-6800 Jun 22 j 22:19	8°♉57'58	0°06'39
behind sun begin	-6800 Jun 22 j 15:39	8°♉55'59	
behind sun end	-6800 Jun 23 j 05:00	8°♉59'57	
max. Earth dist.	-6800 Jun 23 j 06:04	9°♉00'16	10.80668 AU
morning rise	-6800 Jul 10 j 04:38	11°♉01'03	
	-6800 Aug 16 j 12:25	15°♉	
retrograde	-6800 Oct 16 j 19:14	18°♉03'30	
	-6800 Dec 20 j 17:28	15°℞♉	
opposition	-6800 Dec 23 j 22:39	14°♉45'17	0°25'49
min. Earth dist.	-6800 Dec 23 j 17:04	14°♉46'21	8.88022 AU
direct	-6799 Mar 04 j 21:49	11°♉21'05	
	-6799 May 14 j 04:33	15°♉	
evening set	-6799 Jun 17 j 19:25	18°♉41'37	
conjunction	-6799 Jul 05 j 02:18	20°♉43'10	0°36'01
minimum elong	-6799 Jul 05 j 02:16	20°♉43'10	0°36'21
max. Earth dist.	-6799 Jul 05 j 06:22	20°♉44'22	10.95143 AU
morning rise	-6799 Jul 22 j 03:45	22°♉43'11	
retrograde	-6799 Oct 28 j 10:28	29°♉37'17	
opposition	-6798 Jan 04 j 23:35	26°♉20'29	1°00'51
min. Earth dist.	-6798 Jan 04 j 21:38	26°♉20'51	9.01601 AU
direct	-6798 Mar 17 j 08:43	22°♉57'42	
	-6798 Jun 28 j 07:51	0°♊	
evening set	-6798 Jun 29 j 17:53	0°♊09'41	
conjunction	-6798 Jul 16 j 19:51	2°♊08'29	1°03'29
minimum elong	-6798 Jul 16 j 19:49	2°♊08'28	1°03'52
max. Earth dist.	-6798 Jul 16 j 19:42	2°♊08'26	11.07600 AU
morning rise	-6798 Aug 02 j 16:41	4°♊05'50	
retrograde	-6798 Nov 08 j 18:04	10°♊53'40	
opposition	-6797 Jan 16 j 19:25	7°♊37'58	1°32'33
min. Earth dist.	-6797 Jan 16 j 21:57	7°♊37'29	9.12928 AU
direct	-6797 Mar 29 j 12:05	4°♊16'26	
evening set	-6797 Jul 11 j 07:58	11°♊21'24	
conjunction	-6797 Jul 28 j 05:07	13°♊17'48	1°27'57
minimum elong	-6797 Jul 28 j 05:04	13°♊17'47	1°28'22
max. Earth dist.	-6797 Jul 27 j 23:30	13°♊16'10	11.17552 AU
morning rise	-6797 Aug 13 j 21:50	15°♊12'58	
retrograde	-6797 Nov 19 j 23:23	21°♊56'42	
opposition	-6796 Jan 28 j 11:14	18°♊41'44	2°00'07
min. Earth dist.	-6796 Jan 28 j 17:34	18°♊40'34	9.21549 AU
direct	-6796 Apr 09 j 10:38	15°♊21'18	
evening set	-6796 Jul 21 j 15:13	22°♊20'49	
conjunction	-6796 Aug 07 j 08:05	24°♊15'23	1°48'46
minimum elong	-6796 Aug 07 j 08:02	24°♊15'22	1°49'12
max. Earth dist.	-6796 Aug 06 j 22:17	24°♊12'33	11.24631 AU
morning rise	-6796 Aug 23 j 21:08	26°♊08'53	
	-6796 Sep 30 j 13:25	0°♋	
retrograde	-6796 Nov 30 j 03:00	2°♋50'39	
	-6795 Feb 02 j 13:20	30°℞♊	
opposition	-6795 Feb 08 j 00:58	29°♊36'02	2°22'56
min. Earth dist.	-6795 Feb 08 j 10:04	29°♊34'23	9.27168 AU
direct	-6795 Apr 21 j 02:26	26°♊16'34	
	-6795 Jul 02 j 02:55	0°♋	
evening set	-6795 Aug 01 j 17:18	3°♋12'11	
conjunction	-6795 Aug 18 j 06:35	5°♋05'24	2°05'27
minimum elong	-6795 Aug 18 j 06:32	5°♋05'24	2°05'53
max. Earth dist.	-6795 Aug 17 j 18:08	5°♋01'50	11.28646 AU
morning rise	-6795 Sep 03 j 16:31	6°♋57'47	
retrograde	-6795 Dec 11 j 08:26	13°♋39'38	
opposition	-6794 Feb 19 j 14:01	10°♋25'01	2°40'30
min. Earth dist.	-6794 Feb 20 j 01:58	10°♋22'50	9.29673 AU
direct	-6794 May 02 j 15:14	7°♋06'15	
evening set	-6794 Aug 12 j 16:14	13°♋59'28	
max. Earth dist.	-6794 Aug 28 j 10:49	15°♋47'25	11.29545 AU
conjunction	-6794 Aug 29 j 02:33	15°♋51'56	2°17'35
minimum elong	-6794 Aug 29 j 02:31	15°♋51'56	2°18'02
morning rise	-6794 Sep 14 j 10:23	17°♋43'48	
retrograde	-6794 Dec 22 j 14:08	24°♋27'31	
opposition	-6793 Mar 03 j 03:29	21°♋12'32	2°52'26
min. Earth dist.	-6793 Mar 03 j 18:40	21°♋09'47	9.29051 AU
direct	-6793 May 13 j 23:56	17°♋54'12	
evening set	-6793 Aug 23 j 13:30	24°♋46'33	
conjunction	-6793 Sep 08 j 21:43	26°♋38'50	2°24'52
minimum elong	-6793 Sep 08 j 21:42	26°♋38'49	2°25'18
max. Earth dist.	-6793 Sep 08 j 02:50	26°♋33'23	11.27352 AU
morning rise	-6793 Sep 25 j 04:34	28°♋30'46	
	-6793 Oct 08 j 16:21	0°♌	
retrograde	-6792 Jan 02 j 22:44	5°♌18'13	
opposition	-6792 Mar 13 j 18:49	2°♌02'28	2°58'20
min. Earth dist.	-6792 Mar 14 j 12:10	1°♌59'19	9.25340 AU
	-6792 Apr 13 j 02:36	30°℞♋	
direct	-6792 May 24 j 10:11	28°♋44'20	
	-6792 Jul 03 j 15:19	0°♌	
evening set	-6792 Sep 02 j 10:42	5°♌37'17	
conjunction	-6792 Sep 18 j 17:58	7°♌29'58	2°27'00
minimum elong	-6792 Sep 18 j 17:58	7°♌29'58	2°27'24
max. Earth dist.	-6792 Sep 17 j 21:57	7°♌24'10	11.22143 AU
morning rise	-6792 Oct 05 j 00:42	9°♌22'34	
	-6792 Dec 04 j 15:15	15°♌	
retrograde	-6791 Jan 13 j 13:56	16°♌15'32	
	-6791 Feb 23 j 14:51	15°℞♌	
opposition	-6791 Mar 25 j 13:17	12°♌58'42	2°57'56
min. Earth dist.	-6791 Mar 26 j 07:07	12°♌55'27	9.18662 AU

Attention, astronomical year style is used: The year -6791 in astronomical counting style is the year 6792 BCE in historical counting style.

direct	-6791 Jun 04 j 20:45	9°♌40'33		
	-6791 Aug 30 j 03:08	15°♌		
evening set	-6791 Sep 13 j 09:51	16°♌35'32		
conjunction	-6791 Sep 29 j 17:17	18°♌29'15	2°23'47	
minimum elong	-6791 Sep 29 j 17:18	18°♌29'16	2°24'07	
max. Earth dist.	-6791 Sep 28 j 20:54	18°♌23'17	11.14086 AU	
morning rise	-6791 Oct 16 j 00:57	20°♌23'10		
retrograde	-6790 Jan 25 j 10:53	27°♌23'20		
opposition	-6790 Apr 06 j 12:09	24°♌05'08	2°50'59	
min. Earth dist.	-6790 Apr 07 j 06:21	24°♌01'47	9.09236 AU	
direct	-6790 Jun 16 j 07:33	20°♌46'43		
evening set	-6790 Sep 24 j 12:48	27°♌45'17		
conjunction	-6790 Oct 10 j 21:21	29°♌40'39	2°15'05	
minimum elong	-6790 Oct 10 j 21:23	29°♌40'40	2°15'20	
max. Earth dist.	-6790 Oct 10 j 00:02	29°♌34'20	11.03444 AU	
	-6790 Oct 13 j 14:44	0°♍		
morning rise	-6790 Oct 27 j 07:15	1°♍36'30		
retrograde	-6789 Feb 06 j 15:52	8°♍45'29		
opposition	-6789 Apr 18 j 16:41	5°♍25'43	2°37'17	
min. Earth dist.	-6789 Apr 19 j 11:16	5°♍22'16	8.97367 AU	
direct	-6789 Jun 27 j 22:48	2°♍06'49		
evening set	-6789 Oct 05 j 21:28	9°♍10'30		
max. Earth dist.	-6789 Oct 21 j 10:46	11°♍01'40	10.90566 AU	
conjunction	-6789 Oct 22 j 08:11	11°♍08'05	2°00'50	
minimum elong	-6789 Oct 22 j 08:14	11°♍08'06	2°01'01	
morning rise	-6789 Nov 07 j 21:23	13°♍06'28		
retrograde	-6788 Feb 19 j 04:40	20°♍25'50		
opposition	-6788 Apr 30 j 03:56	17°♍04'18	2°16'49	
min. Earth dist.	-6788 Apr 30 j 22:02	17°♍00'54	8.83462 AU	
direct	-6788 Jul 08 j 19:12	13°♍44'46		
evening set	-6788 Oct 16 j 13:48	20°♍55'04		
max. Earth dist.	-6788 Nov 01 j 08:28	22°♍49'32	10.75902 AU	
conjunction	-6788 Nov 02 j 03:52	22°♍55'26	1°41'11	
minimum elong	-6788 Nov 02 j 03:56	22°♍55'28	1°41'17	
morning rise	-6788 Nov 18 j 21:13	24°♍56'54		
	-6787 Jan 06 j 03:55	0°♎		
retrograde	-6787 Mar 03 j 04:52	2°♎28'02		
	-6787 Apr 30 j 15:29	30°℞♍		
opposition	-6787 May 12 j 23:05	29°♍04'36	1°49'46	
min. Earth dist.	-6787 May 13 j 14:56	29°♍01'35	8.68042 AU	
direct	-6787 Jul 20 j 23:22	25°♍44'16		
	-6787 Oct 02 j 00:48	0°♎		
evening set	-6787 Oct 28 j 15:50	3°♎02'36		
conjunction	-6787 Nov 14 j 10:07	5°♎06'16	1°16'28	
minimum elong	-6787 Nov 14 j 10:10	5°♎06'17	1°16'28	
max. Earth dist.	-6787 Nov 13 j 17:25	5°♎01'05	10.60010 AU	
morning rise	-6787 Dec 01 j 08:20	7°♎11'16		
retrograde	-6786 Mar 16 j 17:50	14°♎55'12		
opposition	-6786 May 26 j 02:50	11°♎29'51	1°16'38	
min. Earth dist.	-6786 May 26 j 15:37	11°♎27'23	8.51727 AU	
direct	-6786 Aug 02 j 09:31	8°♎08'35		
evening set	-6786 Nov 10 j 05:48	15°♎36'19		
conjunction	-6786 Nov 27 j 04:44	17°♎43'35	0°47'19	
minimum elong	-6786 Nov 27 j 04:46	17°♎43'36	0°47'14	
max. Earth dist.	-6786 Nov 26 j 14:43	17°♎39'10	10.43565 AU	
morning rise	-6786 Dec 14 j 08:23	19°♎52'27		
retrograde	-6785 Mar 30 j 16:59	27°♎49'46		
opposition	-6785 Jun 08 j 15:36	24°♎22'35	0°38'23	
min. Earth dist.	-6785 Jun 09 j 01:05	24°♎20'43	8.35265 AU	
direct	-6785 Aug 15 j 05:00	21°♎00'12		
evening set	-6785 Nov 23 j 09:06	28°♎38'30		

	-6785 Dec 04 j 02:15	0°♏		
conjunction	-6785 Dec 10 j 12:59	0°♏49'33	0°14'48	
minimum elong	-6785 Dec 10 j 13:00	0°♏49'33	0°14'37	
behind sun begin	-6785 Dec 10 j 09:54	0°♏48'34		
behind sun end	-6785 Dec 10 j 16:05	0°♏50'32		
max. Earth dist.	-6785 Dec 10 j 02:17	0°♏46'08	10.27367 AU	
morning rise	-6785 Dec 27 j 22:18	3°♏02'23		
retrograde	-6784 Apr 13 j 03:07	11°♏13'04		
desc. node	-6784 May 22 j 05:40	9°♏57'29		
opposition	-6784 Jun 21 j 13:46	7°♏44'11	-0°03'28	
min. Earth dist.	-6784 Jun 21 j 19:50	7°♏42'59	8.19518 AU	
direct	-6784 Aug 27 j 11:37	4°♏20'37		
evening set	-6784 Dec 06 j 02:48	12°♏10'09		
conjunction	-6784 Dec 23 j 11:46	14°♏24'58	-0°19'39	
minimum elong	-6784 Dec 23 j 11:45	14°♏24'57	0°19'55	
max. Earth dist.	-6784 Dec 23 j 05:55	14°♏23'04	10.12298 AU	
	-6784 Dec 27 j 23:25	15°♏		
morning rise	-6783 Jan 10 j 02:28	16°♏41'38		
retrograde	-6783 Apr 27 j 23:21	25°♏04'47		
opposition	-6783 Jul 05 j 20:35	21°♏34'28	-0°46'41	
min. Earth dist.	-6783 Jul 05 j 22:39	21°♏34'03	8.05395 AU	
direct	-6783 Sep 10 j 04:50	18°♏09'37		
evening set	-6783 Dec 20 j 11:35	26°♏10'34		
conjunction	-6782 Jan 07 j 01:24	28°♏28'49	-0°53'54	
minimum elong	-6782 Jan 07 j 01:21	28°♏28'48	0°54'15	
max. Earth dist.	-6782 Jan 07 j 01:21	28°♏28'48	9.99269 AU	
	-6782 Jan 18 j 14:28	0°♐		
morning rise	-6782 Jan 24 j 20:45	0°♐48'53		
retrograde	-6782 May 13 j 03:58	9°♐22'31		
opposition	-6782 Jul 20 j 10:39	5°♐51'07	-1°28'30	
min. Earth dist.	-6782 Jul 20 j 08:13	5°♐51'37	7.93796 AU	
direct	-6782 Sep 24 j 08:28	2°♐25'00		
evening set	-6781 Jan 04 j 10:29	10°♐36'41		
conjunction	-6781 Jan 22 j 04:32	12°♐57'46	-1°25'40	
minimum elong	-6781 Jan 22 j 04:29	12°♐57'44	1°26'05	
max. Earth dist.	-6781 Jan 22 j 10:51	12°♐59'52	9.89157 AU	
morning rise	-6781 Feb 09 j 03:33	15°♐20'30		
retrograde	-6781 May 28 j 13:36	24°♐01'35		
opposition	-6781 Aug 04 j 06:23	20°♐29'30	-2°05'41	
min. Earth dist.	-6781 Aug 03 j 23:11	20°♐31'00	7.85523 AU	
direct	-6781 Oct 08 j 21:56	17°♐02'13		
evening set	-6780 Jan 19 j 21:05	25°♐22'53		
conjunction	-6780 Feb 06 j 18:37	27°♐45'59	-1°52'26	
minimum elong	-6780 Feb 06 j 18:33	27°♐45'57	1°52'53	
max. Earth dist.	-6780 Feb 07 j 07:09	27°♐50'11	9.82703 AU	
	-6780 Feb 23 j 12:29	0°♑		
morning rise	-6780 Feb 24 j 20:11	0°♑10'25		
retrograde	-6780 Jun 12 j 00:54	8°♑54'55		
opposition	-6780 Aug 18 j 05:11	5°♑22'38	-2°35'04	
min. Earth dist.	-6780 Aug 17 j 17:33	5°♑25'04	7.81181 AU	
direct	-6780 Oct 22 j 18:54	1°♑54'16		
evening set	-6779 Feb 03 j 16:11	10°♑21'17		
conjunction	-6779 Feb 21 j 16:18	12°♑45'25	-2°11'57	
minimum elong	-6779 Feb 21 j 16:16	12°♑45'25	2°12'24	
max. Earth dist.	-6779 Feb 22 j 09:57	12°♑51'21	9.80393 AU	
morning rise	-6779 Mar 11 j 19:20	15°♑10'30		
retrograde	-6779 Jun 27 j 09:57	23°♑53'40		
opposition	-6779 Sep 02 j 03:58	20°♑21'41	-2°54'04	
min. Earth dist.	-6779 Sep 01 j 13:13	20°♑24'48	7.81065 AU	
direct	-6779 Nov 06 j 20:42	16°♑52'27		
evening set	-6778 Feb 19 j 14:56	25°♑22'21		

Attention, astronomical year style is used: The year -6778 in astronomical counting style is the year 6779 BCE in historical counting style.

conjunction	-6778 Mar 09 j 16:47	27°♓46'31	-2°22'35
minimum elong	-6778 Mar 09 j 16:46	27°♓46'31	2°23'00
max. Earth dist.	-6778 Mar 10 j 13:54	27°♓53'35	9.82357 AU
	-6778 Mar 26 j 10:14	0°♒	
morning rise	-6778 Mar 27 j 20:12	0°♒11'08	
retrograde	-6778 Jul 12 j 13:00	8°♒48'21	
min. Earth dist.	-6778 Sep 16 j 07:37	5°♒20'38	7.85098 AU
opposition	-6778 Sep 17 j 00:05	5°♒17'10	-3°01'10
direct	-6778 Nov 22 j 00:05	1°♒47'17	
evening set	-6777 Mar 07 j 12:07	10°♒16'21	
conjunction	-6777 Mar 25 j 14:49	12°♒39'35	-2°23'38
minimum elong	-6777 Mar 25 j 14:50	12°♒39'36	2°24'00
max. Earth dist.	-6777 Mar 26 j 13:33	12°♒47'08	9.88334 AU
morning rise	-6777 Apr 12 j 17:44	15°♒02'48	
	-6777 Apr 12 j 09:06	15°♒	
retrograde	-6777 Jul 27 j 07:31	23°♒30'14	
opposition	-6777 Oct 01 j 14:47	20°♒00'17	-2°56'10
min. Earth dist.	-6777 Sep 30 j 22:01	20°♒03'48	7.92847 AU
direct	-6777 Dec 07 j 02:40	16°♒30'08	
evening set	-6776 Mar 22 j 03:34	24°♒54'58	
conjunction	-6776 Apr 09 j 06:19	27°♒16'30	-2°15'22
minimum elong	-6776 Apr 09 j 06:22	27°♒16'31	2°15'39
max. Earth dist.	-6776 Apr 10 j 04:50	27°♒23'52	9.97781 AU
morning rise	-6776 Apr 27 j 07:59	29°♒37'33	
	-6776 Apr 30 j 06:17	0°♓	
retrograde	-6776 Aug 09 j 15:17	7°♓52'25	
opposition	-6776 Oct 14 j 22:04	4°♓24'06	-2°40'03
min. Earth dist.	-6776 Oct 14 j 05:56	4°♓27'27	8.03735 AU
direct	-6776 Dec 21 j 01:28	0°♓54'05	
evening set	-6775 Apr 06 j 09:48	9°♓11'50	
conjunction	-6775 Apr 24 j 11:46	11°♓31'00	-1°58'54
minimum elong	-6775 Apr 24 j 11:50	11°♓31'01	1°59'06
max. Earth dist.	-6775 Apr 25 j 08:45	11°♓37'47	10.10083 AU
morning rise	-6775 May 12 j 11:23	13°♓49'18	
retrograde	-6775 Aug 23 j 10:35	21°♓49'59	
opposition	-6775 Oct 28 j 20:55	18°♓23'29	-2°14'48
min. Earth dist.	-6775 Oct 28 j 05:33	18°♓26'38	8.17124 AU
direct	-6774 Jan 04 j 18:10	14°♓53'59	
evening set	-6774 Apr 21 j 04:07	23°♓02'23	
conjunction	-6774 May 09 j 04:21	25°♓18'40	-1°35'58
minimum elong	-6774 May 09 j 04:25	25°♓18'41	1°36'03
max. Earth dist.	-6774 May 09 j 23:17	25°♓24'41	10.24525 AU
morning rise	-6774 May 27 j 01:05	27°♓33'46	
	-6774 Jun 16 j 09:53	0°♈	
retrograde	-6774 Sep 05 j 17:09	5°♈19'48	
opposition	-6774 Nov 11 j 10:25	1°♈55'12	-1°42'50
min. Earth dist.	-6774 Nov 10 j 20:10	1°♈58'04	8.32252 AU
	-6774 Dec 06 j 16:23	30°℞♓	
direct	-6773 Jan 19 j 02:26	28°♓26'30	
	-6773 Mar 03 j 03:11	0°♈	
evening set	-6773 May 05 j 09:14	6°♈24'11	
conjunction	-6773 May 23 j 06:51	8°♈37'16	-1°08'30
minimum elong	-6773 May 23 j 06:54	8°♈37'17	1°08'29
max. Earth dist.	-6773 May 23 j 23:23	8°♈42'25	10.40281 AU
morning rise	-6773 Jun 10 j 00:00	10°♈48'55	
retrograde	-6773 Sep 18 j 13:46	18°♈20'45	
opposition	-6773 Nov 24 j 14:27	14°♈58'02	-1°06'41
min. Earth dist.	-6773 Nov 24 j 02:09	15°♈00'28	8.48285 AU
direct	-6772 Feb 01 j 23:25	11°♈30'21	
evening set	-6772 May 18 j 00:46	19°♈16'52	
conjunction	-6772 Jun 04 j 18:57	21°♈26'36	-0°38'25
minimum elong	-6772 Jun 04 j 18:59	21°♈26'36	0°38'19
max. Earth dist.	-6772 Jun 05 j 08:27	21°♈30'44	10.56490 AU
morning rise	-6772 Jun 22 j 07:55	23°♈34'44	
	-6772 Aug 29 j 05:13	0°♉	
retrograde	-6772 Sep 29 j 23:49	0°♉53'33	
	-6772 Nov 01 j 03:23	30°℞♈	
opposition	-6772 Dec 06 j 09:38	27°♈32'39	-0°28'40
min. Earth dist.	-6772 Dec 06 j 00:27	27°♈34'27	8.64384 AU
direct	-6771 Feb 14 j 10:32	24°♈06'09	
	-6771 May 16 j 09:40	0°♉	
evening set	-6771 May 31 j 03:13	1°♉41'45	
conjunction	-6771 Jun 17 j 17:07	3°♉48'06	-0°07'31
minimum elong	-6771 Jun 17 j 17:08	3°♉48'06	0°07'18
behind sun begin	-6771 Jun 17 j 10:34	3°♉46'09	
behind sun end	-6771 Jun 17 j 23:41	3°♉50'04	
max. Earth dist.	-6771 Jun 18 j 02:39	3°♉50'58	10.72337 AU
morning rise	-6771 Jul 05 j 01:32	5°♉52'50	
asc. node	-6771 Sep 17 j 10:30	12°♉28'38	
retrograde	-6771 Oct 11 j 23:19	13°♉00'23	
opposition	-6771 Dec 18 j 20:45	9°♉41'07	0°09'16
min. Earth dist.	-6771 Dec 18 j 15:17	9°♉42'10	8.79795 AU
direct	-6770 Feb 27 j 12:41	6°♉15'52	
evening set	-6770 Jun 12 j 17:29	13°♉41'19	
	-6770 Jun 23 j 21:00	15°♉	
conjunction	-6770 Jun 30 j 02:35	15°♉44'26	0°22'55
minimum elong	-6770 Jun 30 j 02:34	15°♉44'26	0°23'13
max. Earth dist.	-6770 Jun 30 j 07:05	15°♉45'46	10.87126 AU
morning rise	-6770 Jul 17 j 06:24	17°♉46'00	
retrograde	-6770 Oct 23 j 15:46	24°♉44'15	
opposition	-6770 Dec 31 j 00:44	21°♉26'23	0°45'31
min. Earth dist.	-6770 Dec 30 j 22:29	21°♉26'49	8.93869 AU
direct	-6769 Mar 12 j 05:26	18°♉02'25	
evening set	-6769 Jun 24 j 20:39	25°♉18'47	
conjunction	-6769 Jul 12 j 00:55	27°♉19'00	0°51'31
minimum elong	-6769 Jul 12 j 00:53	27°♉18'59	0°51'53
max. Earth dist.	-6769 Jul 12 j 01:05	27°♉19'03	11.00269 AU
morning rise	-6769 Jul 29 j 00:08	29°♉17'44	
	-6769 Aug 04 j 04:41	0°♊	
retrograde	-6769 Nov 04 j 01:58	6°♊08'47	
opposition	-6768 Jan 11 j 22:51	2°♊52'02	1°18'52
min. Earth dist.	-6768 Jan 11 j 23:16	2°♊51'57	9.06049 AU
	-6768 Feb 26 j 22:16	30°℞♉	
direct	-6768 Mar 23 j 13:52	29°♉29'19	
	-6768 Apr 18 j 00:52	0°♊	
evening set	-6768 Jul 05 j 14:37	6°♊37'59	
conjunction	-6768 Jul 22 j 14:09	8°♊35'37	1°17'26
minimum elong	-6768 Jul 22 j 14:06	8°♊35'37	1°17'51
max. Earth dist.	-6768 Jul 22 j 11:11	8°♊34'46	11.11278 AU
morning rise	-6768 Aug 08 j 08:48	10°♊31'56	
retrograde	-6768 Nov 14 j 09:58	17°♊17'53	
opposition	-6767 Jan 22 j 16:36	14°♊01'59	1°48'26
min. Earth dist.	-6767 Jan 22 j 20:16	14°♊01'19	9.15911 AU
direct	-6767 Apr 04 j 14:30	10°♊40'29	
evening set	-6767 Jul 17 j 01:01	17°♊42'52	
conjunction	-6767 Aug 02 j 20:00	19°♊38'24	1°39'59
minimum elong	-6767 Aug 02 j 19:57	19°♊38'23	1°40'25
max. Earth dist.	-6767 Aug 02 j 13:27	19°♊36'30	11.19794 AU
morning rise	-6767 Aug 19 j 10:36	21°♊32'46	
retrograde	-6767 Nov 25 j 13:53	28°♊15'39	
opposition	-6766 Feb 03 j 07:31	25°♊00'21	2°13'28
min. Earth dist.	-6766 Feb 03 j 14:53	24°♊59'00	9.23151 AU
direct	-6766 Apr 16 j 07:16	21°♊39'54	

Attention, astronomical year style is used: The year -6766 in astronomical counting style is the year 6767 BCE in historical counting style.

evening set	-6766 Jul 28 j 05:21	28°♊37'32		
	-6766 Aug 09 j 06:51	0°♋		
conjunction	-6766 Aug 13 j 20:12	0°♋31'27	1°58'35	
minimum elong	-6766 Aug 13 j 20:10	0°♋31'26	1°59'01	
max. Earth dist.	-6766 Aug 13 j 09:30	0°♋28'22	11.25569 AU	
morning rise	-6766 Aug 30 j 07:37	2°♋24'25		
retrograde	-6766 Dec 06 j 17:25	9°♋06'17		
opposition	-6765 Feb 14 j 20:44	5°♋51'14	2°33'26	
min. Earth dist.	-6765 Feb 15 j 07:11	5°♋49'20	9.27538 AU	
direct	-6765 Apr 27 j 22:36	2°♋31'42		
evening set	-6765 Aug 08 j 05:32	9°♋26'07		
conjunction	-6765 Aug 24 j 17:05	11°♋18'57	2°12'48	
minimum elong	-6765 Aug 24 j 17:03	11°♋18'56	2°13'14	
max. Earth dist.	-6765 Aug 24 j 03:25	11°♋15'01	11.28423 AU	
morning rise	-6765 Sep 10 j 01:58	13°♋11'03		
retrograde	-6765 Dec 17 j 22:36	19°♋53'49		
opposition	-6764 Feb 26 j 09:33	16°♋38'42	2°47'54	
min. Earth dist.	-6764 Feb 26 j 21:48	16°♋36'29	9.28926 AU	
direct	-6764 May 08 j 09:29	13°♋19'56		
evening set	-6764 Aug 18 j 03:13	20°♋12'37		
conjunction	-6764 Sep 03 j 12:24	22°♋04'57	2°22'16	
minimum elong	-6764 Sep 03 j 12:23	22°♋04'56	2°22'42	
max. Earth dist.	-6764 Sep 02 j 21:11	22°♋00'34	11.28258 AU	
morning rise	-6764 Sep 19 j 19:31	23°♋56'47		
	-6764 Nov 28 j 14:53	0°♌		
retrograde	-6764 Dec 28 j 07:20	0°♌42'19		
	-6763 Jan 27 j 11:53	30°℞♋		
opposition	-6763 Mar 08 j 23:51	27°♋26'49	2°56'29	
min. Earth dist.	-6763 Mar 09 j 13:57	27°♋24'16	9.27265 AU	
direct	-6763 May 19 j 18:28	24°♋08'36		
	-6763 Aug 19 j 20:55	0°♌		
evening set	-6763 Aug 29 j 00:08	1°♌01'02		
conjunction	-6763 Sep 14 j 07:46	2°♌53'26	2°26'42	
minimum elong	-6763 Sep 14 j 07:46	2°♌53'26	2°27'06	
max. Earth dist.	-6763 Sep 13 j 14:20	2°♌48'24	11.25081 AU	
morning rise	-6763 Sep 30 j 14:19	4°♌45'38		
retrograde	-6762 Jan 08 j 19:05	11°♌35'42		
opposition	-6762 Mar 20 j 16:45	8°♌19'31	2°58'52	
min. Earth dist.	-6762 Mar 21 j 09:04	8°♌16'33	9.22608 AU	
direct	-6762 May 31 j 02:44	5°♌01'35		
evening set	-6762 Sep 08 j 22:14	11°♌55'16		
max. Earth dist.	-6762 Sep 24 j 09:44	13°♌42'39	11.18990 AU	
conjunction	-6762 Sep 25 j 05:19	13°♌48'21	2°25'51	
minimum elong	-6762 Sep 25 j 05:20	13°♌48'21	2°26'13	
	-6762 Oct 05 j 11:57	15°♌		
morning rise	-6762 Oct 11 j 12:30	15°♌41'31		
retrograde	-6761 Jan 20 j 11:24	22°♌37'50		
opposition	-6761 Apr 01 j 13:12	19°♌20'38	2°54'48	
min. Earth dist.	-6761 Apr 02 j 06:50	19°♌17'25	9.15090 AU	
direct	-6761 Jun 11 j 13:19	16°♌02'45		
evening set	-6761 Sep 19 j 23:06	22°♌59'10		
max. Earth dist.	-6761 Oct 05 j 11:11	24°♌47'45	11.10154 AU	
conjunction	-6761 Oct 06 j 06:55	24°♌53'34	2°19'35	
minimum elong	-6761 Oct 06 j 06:57	24°♌53'34	2°19'52	
morning rise	-6761 Oct 22 j 15:40	26°♌48'18		
	-6761 Nov 21 j 07:05	0°♍		
retrograde	-6760 Feb 01 j 13:36	3°♍52'31		
opposition	-6760 Apr 12 j 14:45	0°♍34'01	2°44'04	
min. Earth dist.	-6760 Apr 13 j 08:09	0°♍30'49	9.04923 AU	
	-6760 Apr 20 j 08:37	30°℞♌		
direct	-6760 Jun 22 j 04:04	27°♌15'58		
	-6760 Aug 20 j 04:34	0°♍		
evening set	-6760 Sep 30 j 04:36	4°♍16'31		
conjunction	-6760 Oct 16 j 14:14	6°♍12'49	2°07'47	
minimum elong	-6760 Oct 16 j 14:16	6°♍12'50	2°08'00	
max. Earth dist.	-6760 Oct 15 j 19:03	6°♍07'06	10.98832 AU	
morning rise	-6760 Nov 02 j 01:34	8°♍09'44		
retrograde	-6759 Feb 12 j 22:44	15°♍23'26		
opposition	-6759 Apr 24 j 22:32	12°♍03'21	2°26'37	
min. Earth dist.	-6759 Apr 25 j 15:05	12°♍00'17	8.92423 AU	
direct	-6759 Jul 03 j 20:41	8°♍44'52		
evening set	-6759 Oct 11 j 16:56	15°♍51'04		
max. Earth dist.	-6759 Oct 27 j 09:57	17°♍44'00	10.85380 AU	
conjunction	-6759 Oct 28 j 05:16	17°♍49'49	1°50'33	
minimum elong	-6759 Oct 28 j 05:19	17°♍49'50	1°50'41	
morning rise	-6759 Nov 13 j 20:24	19°♍49'31		
retrograde	-6758 Feb 25 j 17:42	27°♍14'03		
opposition	-6758 May 07 j 13:24	23°♍52'13	2°02'31	
min. Earth dist.	-6758 May 08 j 05:30	23°♍49'11	8.77989 AU	
direct	-6758 Jul 15 j 20:09	20°♍33'01		
evening set	-6758 Oct 23 j 13:53	27°♍46'23		
max. Earth dist.	-6758 Nov 08 j 11:05	29°♍42'23	10.70226 AU	
conjunction	-6758 Nov 09 j 05:51	29°♍48'09	1°28'06	
minimum elong	-6758 Nov 09 j 05:54	29°♍48'10	1°28'09	
	-6758 Nov 10 j 20:31	0°♎		
morning rise	-6758 Nov 26 j 01:41	1°♎51'08		
retrograde	-6757 Mar 10 j 23:30	9°♎27'47		
opposition	-6757 May 20 j 12:25	6°♎04'05	1°32'08	
min. Earth dist.	-6757 May 21 j 03:27	6°♎01'12	8.62111 AU	
direct	-6757 Jul 28 j 02:24	2°♎43'56		
evening set	-6757 Nov 04 j 21:19	10°♎06'00		
conjunction	-6757 Nov 21 j 17:45	12°♎11'12	1°00'55	
minimum elong	-6757 Nov 21 j 17:48	12°♎11'12	1°00'53	
max. Earth dist.	-6757 Nov 21 j 01:23	12°♎06'05	10.53928 AU	
morning rise	-6757 Dec 08 j 18:46	14°♎17'53		
retrograde	-6756 Mar 23 j 15:08	22°♎07'40		
opposition	-6756 Jun 01 j 20:15	18°♎42'01	0°56'11	
min. Earth dist.	-6756 Jun 02 j 08:46	18°♎39'36	8.45480 AU	
direct	-6756 Aug 08 j 18:21	15°♎20'46		
evening set	-6756 Nov 16 j 17:23	22°♎52'51		
conjunction	-6756 Dec 03 j 18:51	25°♎01'48	0°29'52	
minimum elong	-6756 Dec 03 j 18:52	25°♎01'48	0°29'44	
max. Earth dist.	-6756 Dec 03 j 06:23	24°♎57'51	10.37277 AU	
morning rise	-6756 Dec 21 j 01:18	27°♎12'25		
	-6755 Jan 13 j 13:15	0°♏		
retrograde	-6755 Apr 06 j 19:23	5°♏15'42		
opposition	-6755 Jun 15 j 13:13	1°♏48'07	0°15'55	
min. Earth dist.	-6755 Jun 15 j 21:49	1°♏46'26	8.28982 AU	
	-6755 Jul 09 j 15:22	30°℞♎		
direct	-6755 Aug 21 j 19:48	28°♎25'36		
	-6755 Oct 02 j 14:56	0°♏		
desc. node	-6755 Nov 05 j 07:45	3°♏09'59		
evening set	-6755 Nov 30 j 03:28	6°♏08'39		
conjunction	-6755 Dec 17 j 10:04	8°♏21'25	-0°03'51	
minimum elong	-6755 Dec 17 j 10:03	8°♏21'25	0°04'05	
behind sun begin	-6755 Dec 17 j 02:58	8°♏19'09		
behind sun end	-6755 Dec 17 j 17:08	8°♏23'40		
max. Earth dist.	-6755 Dec 17 j 01:47	8°♏18'46	10.21191 AU	
morning rise	-6754 Jan 03 j 21:58	10°♏35'59		
	-6754 Feb 10 j 20:03	15°♏		
retrograde	-6754 Apr 21 j 11:00	18°♏52'17		
opposition	-6754 Jun 29 j 15:06	15°♏22'57	-0°26'49	

Attention, astronomical year style is used: The year -6754 in astronomical counting style is the year 6755 BCE in historical counting style.

min. Earth dist.	-6754 Jun 29 j 19:21	15°♏22'06	8.13555 AU
	-6754 Jul 04 j 09:44	15°℞♏	
direct	-6754 Sep 04 j 06:19	11°♏59'00	
	-6754 Nov 01 j 16:08	15°♏	
evening set	-6754 Dec 14 j 04:23	19°♏53'30	
conjunction	-6754 Dec 31 j 15:50	22°♏09'54	-0°38'17
minimum elong	-6754 Dec 31 j 15:48	22°♏09'53	0°38'36
max. Earth dist.	-6754 Dec 31 j 12:11	22°♏08'42	10.06615 AU
morning rise	-6753 Jan 18 j 08:47	24°♏28'08	
	-6753 Mar 08 j 01:40	0°♐	
retrograde	-6753 May 06 j 11:52	2°♐56'04	
	-6753 Jul 06 j 21:51	30°℞♏	
opposition	-6753 Jul 14 j 01:01	29°♏25'15	-1°09'31
min. Earth dist.	-6753 Jul 14 j 01:04	29°♏25'14	8.00146 AU
direct	-6753 Sep 18 j 03:21	25°♏59'49	
	-6753 Nov 24 j 19:59	0°♐	
evening set	-6753 Dec 28 j 19:48	4°♐05'34	
conjunction	-6752 Jan 15 j 11:41	6°♐25'08	-1°11'24
minimum elong	-6752 Jan 15 j 11:38	6°♐25'07	1°11'48
max. Earth dist.	-6752 Jan 15 j 13:12	6°♐25'39	9.94484 AU
morning rise	-6752 Feb 02 j 08:56	8°♐46'29	
retrograde	-6752 May 20 j 18:37	17°♐23'36	
opposition	-6752 Jul 27 j 17:34	13°♐51'40	-1°49'09
min. Earth dist.	-6752 Jul 27 j 13:33	13°♐52'30	7.89640 AU
direct	-6752 Oct 01 j 12:01	10°♐24'45	
evening set	-6751 Jan 12 j 00:14	18°♐40'39	
conjunction	-6751 Jan 29 j 19:59	21°♐02'43	-1°40'44
minimum elong	-6751 Jan 29 j 19:55	21°♐02'42	1°41'10
max. Earth dist.	-6751 Jan 30 j 02:56	21°♐05'03	9.85623 AU
morning rise	-6751 Feb 16 j 20:30	23°♐26'20	
	-6751 Apr 16 j 15:35	0°♑	
retrograde	-6751 Jun 05 j 04:16	2°♑09'07	
	-6751 Jul 25 j 11:51	30°℞♐	
opposition	-6751 Aug 11 j 14:31	28°♐36'34	-2°22'30
min. Earth dist.	-6751 Aug 11 j 06:47	28°♐38'11	7.82751 AU
direct	-6751 Oct 16 j 05:22	25°♐08'18	
	-6751 Dec 30 j 05:01	0°♑	
evening set	-6750 Jan 27 j 15:04	3°♑32'13	
conjunction	-6750 Feb 14 j 13:52	5°♑55'55	-2°03'52
minimum elong	-6750 Feb 14 j 13:48	5°♑55'54	2°04'19
max. Earth dist.	-6750 Feb 15 j 02:10	6°♑00'03	9.80658 AU
morning rise	-6750 Mar 04 j 16:26	8°♑20'47	
retrograde	-6750 Jun 20 j 13:40	17°♑04'53	
opposition	-6750 Aug 26 j 13:06	13°♑32'16	-2°46'39
min. Earth dist.	-6750 Aug 26 j 01:52	13°♑34'38	7.79960 AU
direct	-6750 Oct 31 j 04:57	10°♑02'51	
evening set	-6749 Feb 12 j 11:59	18°♑31'47	
conjunction	-6749 Mar 02 j 13:01	20°♑56'06	-2°18'49
minimum elong	-6749 Mar 02 j 12:59	20°♑56'06	2°19'15
max. Earth dist.	-6749 Mar 03 j 06:08	21°♑01'51	9.79957 AU
morning rise	-6749 Mar 20 j 16:31	23°♑21'09	
	-6749 May 19 j 07:51	0°♒	
retrograde	-6749 Jul 05 j 19:20	2°♒01'57	
	-6749 Aug 23 j 00:31	30°℞♑	
opposition	-6749 Sep 10 j 10:37	28°♑29'47	-2°59'30
min. Earth dist.	-6749 Sep 09 j 20:16	28°♑32'48	7.81460 AU
direct	-6749 Nov 15 j 07:48	24°♑59'32	
	-6748 Jan 31 j 05:04	0°♒	
evening set	-6748 Feb 28 j 10:07	3°♒29'47	
conjunction	-6748 Mar 17 j 12:37	5°♒53'45	-2°24'25
minimum elong	-6748 Mar 17 j 12:38	5°♒53'46	2°24'48
max. Earth dist.	-6748 Mar 18 j 09:23	6°♒00'41	9.83563 AU
morning rise	-6748 Apr 04 j 16:05	8°♒17'57	
	-6748 Jun 04 j 15:55	15°♒	
retrograde	-6748 Jul 19 j 18:19	16°♒51'03	
	-6748 Sep 03 j 11:54	15°℞♒	
min. Earth dist.	-6748 Sep 23 j 11:42	13°♒23'18	7.87109 AU
opposition	-6748 Sep 24 j 04:12	13°♒19'50	-3°00'10
direct	-6748 Nov 29 j 11:10	9°♒49'08	
	-6747 Feb 16 j 13:26	15°♒	
evening set	-6747 Mar 15 j 05:02	18°♒16'59	
conjunction	-6747 Apr 02 j 08:06	20°♒39'39	-2°20'27
minimum elong	-6747 Apr 02 j 08:09	20°♒39'40	2°20'46
max. Earth dist.	-6747 Apr 03 j 06:54	20°♒47'11	9.91180 AU
morning rise	-6747 Apr 20 j 10:36	23°♒02'04	
	-6747 Jun 25 j 08:15	0°♓	
retrograde	-6747 Aug 03 j 07:59	1°♓23'53	
	-6747 Sep 11 j 16:04	30°℞♒	
opposition	-6747 Oct 08 j 15:23	27°♒54'04	-2°49'06
min. Earth dist.	-6747 Oct 07 j 21:55	27°♒57'43	7.96473 AU
direct	-6747 Dec 14 j 12:04	24°♒23'21	
	-6746 Mar 08 j 05:05	0°♓	
evening set	-6746 Mar 30 j 16:16	2°♓45'22	
conjunction	-6746 Apr 17 j 18:59	5°♓05'58	-2°07'40
minimum elong	-6746 Apr 17 j 19:03	5°♓05'59	2°07'54
max. Earth dist.	-6746 Apr 18 j 18:17	5°♓13'33	10.02238 AU
morning rise	-6746 May 05 j 19:40	7°♓25'51	
retrograde	-6746 Aug 17 j 09:44	15°♓34'03	
opposition	-6746 Oct 22 j 18:40	12°♓06'00	-2°27'51
min. Earth dist.	-6746 Oct 22 j 01:35	12°♓09'32	8.08895 AU
direct	-6746 Dec 29 j 07:25	8°♓35'40	
evening set	-6745 Apr 14 j 16:29	16°♓49'10	
conjunction	-6745 May 02 j 17:53	19°♓07'04	-1°47'32
minimum elong	-6745 May 02 j 17:57	19°♓07'05	1°47'40
max. Earth dist.	-6745 May 03 j 16:00	19°♓14'09	10.15975 AU
morning rise	-6745 May 20 j 16:04	21°♓23'54	
retrograde	-6745 Aug 30 j 23:12	29°♓17'25	
opposition	-6745 Nov 05 j 12:50	25°♓51'22	-1°58'41
min. Earth dist.	-6745 Nov 04 j 21:24	25°♓54'30	8.23566 AU
direct	-6744 Jan 12 j 18:56	22°♓21'47	
	-6744 Apr 24 j 18:33	0°♈	
evening set	-6744 Apr 28 j 04:13	0°♈25'03	
conjunction	-6744 May 16 j 03:18	2°♈39'51	-1°21'55
minimum elong	-6744 May 16 j 03:22	2°♈39'52	1°21'57
max. Earth dist.	-6744 May 16 j 22:24	2°♈45'52	10.31517 AU
morning rise	-6744 Jun 02 j 22:18	4°♈53'18	
retrograde	-6744 Sep 12 j 01:07	12°♈32'09	
opposition	-6744 Nov 17 j 21:25	9°♈08'12	-1°24'08
min. Earth dist.	-6744 Nov 17 j 08:10	9°♈10'52	8.39606 AU
direct	-6743 Jan 25 j 20:58	5°♈39'42	
evening set	-6743 May 12 j 02:32	13°♈31'56	
conjunction	-6743 May 29 j 22:24	15°♈43'23	-0°52'48
minimum elong	-6743 May 29 j 22:26	15°♈43'24	0°52'44
max. Earth dist.	-6743 May 30 j 13:41	15°♈48'07	10.47964 AU
morning rise	-6743 Jun 16 j 13:35	17°♈53'19	
retrograde	-6743 Sep 24 j 14:47	25°♈18'28	
opposition	-6743 Nov 30 j 20:56	21°♈56'35	-0°46'39
min. Earth dist.	-6743 Nov 30 j 09:52	21°♈58'46	8.56142 AU
direct	-6742 Feb 08 j 14:30	18°♈29'25	
evening set	-6742 May 25 j 11:14	26°♈10'31	
conjunction	-6742 Jun 12 j 03:12	28°♈18'32	-0°22'01
minimum elong	-6742 Jun 12 j 03:13	28°♈18'32	0°21'51

Attention, astronomical year style is used: The year -6742 in astronomical counting style is the year 6743 BCE in historical counting style.

max. Earth dist.	-6742 Jun 12 j 14:44	28°♈22'02	10.64459 AU	
	-6742 Jun 26 j 02:25	0°♉		
morning rise	-6742 Jun 29 j 14:01	0°♉24'58		
retrograde	-6742 Oct 06 j 19:20	7°♉38'00		
opposition	-6742 Dec 13 j 11:56	4°♉18'01	-0°08'23	
min. Earth dist.	-6742 Dec 13 j 03:11	4°♉19'43	8.72355 AU	
direct	-6741 Feb 21 j 21:43	0°♉52'19		
asc. node	-6741 Mar 06 j 16:00	1°♉00'26		
evening set	-6741 Jun 07 j 07:26	8°♉22'48		
conjunction	-6741 Jun 24 j 19:00	10°♉27'30	0°08'55	
minimum elong	-6741 Jun 24 j 19:00	10°♉27'30	0°09'10	
behind sun begin	-6741 Jun 24 j 12:58	10°♉25'43		
behind sun end	-6741 Jun 25 j 01:02	10°♉29'17		
max. Earth dist.	-6741 Jun 25 j 03:15	10°♉29'57	10.80226 AU	
morning rise	-6741 Jul 12 j 01:04	12°♉30'36		
	-6741 Aug 03 j 06:30	15°♉		
retrograde	-6741 Oct 18 j 17:36	19°♉33'20		
opposition	-6741 Dec 25 j 19:22	16°♉15'04	0°28'54	
min. Earth dist.	-6741 Dec 25 j 14:06	16°♉16'04	8.87518 AU	
	-6740 Jan 11 j 14:39	15°℞♉		
direct	-6740 Mar 05 j 17:24	12°♉50'50		
	-6740 Apr 27 j 16:12	15°♉		
evening set	-6740 Jun 18 j 16:19	20°♉11'40		
conjunction	-6740 Jul 05 j 23:03	22°♉13'16	0°38'29	
minimum elong	-6740 Jul 05 j 23:01	22°♉13'16	0°38'49	
max. Earth dist.	-6740 Jul 06 j 03:06	22°♉14'28	10.94583 AU	
morning rise	-6740 Jul 23 j 00:19	24°♉13'20		
	-6740 Sep 22 j 16:24	0°♊		
retrograde	-6740 Oct 29 j 06:34	1°♊07'46		
	-6740 Dec 05 j 16:13	30°℞♉		
opposition	-6739 Jan 05 j 20:39	27°♉50'56	1°03'48	
min. Earth dist.	-6739 Jan 05 j 19:30	27°♉51'09	9.01004 AU	
direct	-6739 Mar 18 j 04:55	24°♉28'05		
	-6739 Jun 15 j 13:35	0°♊		
evening set	-6739 Jun 30 j 15:06	1°♊40'30		
conjunction	-6739 Jul 17 j 16:47	3°♊39'19	1°05'48	
minimum elong	-6739 Jul 17 j 16:44	3°♊39'18	1°06'11	
max. Earth dist.	-6739 Jul 17 j 15:48	3°♊39'02	11.06964 AU	
morning rise	-6739 Aug 03 j 13:32	5°♊36'44		
retrograde	-6739 Nov 09 j 15:18	12°♊25'01		
opposition	-6738 Jan 17 j 16:54	9°♊09'15	1°35'15	
min. Earth dist.	-6738 Jan 17 j 19:26	9°♊08'47	9.12284 AU	
direct	-6738 Mar 30 j 10:35	5°♊47'40		
evening set	-6738 Jul 12 j 05:24	12°♊53'02		
conjunction	-6738 Jul 29 j 02:20	14°♊49'29	1°30'01	
minimum elong	-6738 Jul 29 j 02:17	14°♊49'28	1°30'26	
max. Earth dist.	-6738 Jul 28 j 20:46	14°♊47'53	11.16901 AU	
morning rise	-6738 Aug 14 j 18:55	16°♊44'42		
retrograde	-6738 Nov 20 j 20:58	23°♊28'54		
opposition	-6737 Jan 29 j 09:12	20°♊13'51	2°02'28	
min. Earth dist.	-6737 Jan 29 j 14:42	20°♊12'50	9.20909 AU	
direct	-6737 Apr 11 j 08:07	16°♊53'24		
evening set	-6737 Jul 23 j 12:46	23°♊53'14		
conjunction	-6737 Aug 09 j 05:34	25°♊47'50	1°50'30	
minimum elong	-6737 Aug 09 j 05:31	25°♊47'49	1°50'56	
max. Earth dist.	-6737 Aug 08 j 20:46	25°♊45'18	11.23999 AU	
morning rise	-6737 Aug 25 j 18:23	27°♊41'23		
	-6737 Sep 16 j 04:05	0°♋		
retrograde	-6737 Dec 02 j 02:24	4°♋23'37		
opposition	-6736 Feb 09 j 23:22	1°♋08'56	2°24'51	
min. Earth dist.	-6736 Feb 10 j 08:05	1°♋07'20	9.26545 AU	
	-6736 Feb 26 j 01:09	30°℞♊		

direct	-6736 Apr 22 j 00:53	27°♊49'25		
	-6736 Jun 14 j 23:44	0°♋		
evening set	-6736 Aug 02 j 15:13	4°♋45'20		
conjunction	-6736 Aug 19 j 04:19	6°♋38'37	2°06'48	
minimum elong	-6736 Aug 19 j 04:16	6°♋38'36	2°07'14	
max. Earth dist.	-6736 Aug 18 j 16:02	6°♋35'05	11.28020 AU	
morning rise	-6736 Sep 04 j 14:06	8°♋31'03		
retrograde	-6736 Dec 12 j 06:52	15°♋13'20		
opposition	-6735 Feb 20 j 12:50	11°♋58'40	2°41'54	
min. Earth dist.	-6735 Feb 21 j 01:16	11°♋56'24	9.29054 AU	
direct	-6735 May 03 j 12:27	8°♋39'53		
evening set	-6735 Aug 13 j 14:26	15°♋33'25		
max. Earth dist.	-6735 Aug 29 j 08:19	17°♋21'16	11.28924 AU	
conjunction	-6735 Aug 30 j 00:31	17°♋25'56	2°18'29	
minimum elong	-6735 Aug 30 j 00:30	17°♋25'55	2°18'56	
morning rise	-6735 Sep 15 j 08:23	19°♋17'52		
retrograde	-6735 Dec 23 j 12:26	26°♋02'06		
opposition	-6734 Mar 04 j 02:50	22°♋47'02	2°53'14	
min. Earth dist.	-6734 Mar 04 j 17:56	22°♋44'18	9.28434 AU	
direct	-6734 May 14 j 23:09	19°♋28'42		
evening set	-6734 Aug 24 j 11:50	26°♋21'22		
conjunction	-6734 Sep 09 j 20:02	28°♋13'42	2°25'16	
minimum elong	-6734 Sep 09 j 20:02	28°♋13'42	2°25'41	
max. Earth dist.	-6734 Sep 09 j 01:50	28°♋08'27	11.26735 AU	
	-6734 Sep 25 j 06:39	0°♌		
morning rise	-6734 Sep 26 j 02:52	0°♌05'43		
retrograde	-6733 Jan 03 j 23:05	6°♌53'42		
opposition	-6733 Mar 15 j 18:34	3°♌37'54	2°58'32	
min. Earth dist.	-6733 Mar 16 j 10:57	3°♌34'55	9.24724 AU	
direct	-6733 May 26 j 09:45	0°♌19'47		
evening set	-6733 Sep 04 j 09:25	7°♌13'00		
conjunction	-6733 Sep 20 j 16:47	9°♌05'47	2°26'52	
minimum elong	-6733 Sep 20 j 16:48	9°♌05'47	2°27'15	
max. Earth dist.	-6733 Sep 19 j 21:43	9°♌00'14	11.21528 AU	
morning rise	-6733 Oct 06 j 23:28	10°♌58'29		
	-6733 Nov 15 j 03:38	15°♌		
retrograde	-6732 Jan 15 j 14:05	17°♌51'58		
	-6732 Mar 20 j 20:23	15°℞♌		
opposition	-6732 Mar 26 j 13:23	14°♌35'05	2°57'28	
min. Earth dist.	-6732 Mar 27 j 06:38	14°♌31'56	9.18050 AU	
direct	-6732 Jun 05 j 19:26	11°♌16'57		
	-6732 Aug 15 j 09:15	15°♌		
evening set	-6732 Sep 14 j 08:58	18°♌12'13		
conjunction	-6732 Sep 30 j 16:25	20°♌06'02	2°23'06	
minimum elong	-6732 Sep 30 j 16:26	20°♌06'03	2°23'25	
max. Earth dist.	-6732 Sep 29 j 19:52	20°♌00'01	11.13487 AU	
morning rise	-6732 Oct 17 j 00:15	22°♌00'04		
retrograde	-6731 Jan 26 j 12:07	29°♌00'44		
opposition	-6731 Apr 07 j 12:48	25°♌42'29	2°49'50	
min. Earth dist.	-6731 Apr 08 j 07:10	25°♌39'07	9.08647 AU	
direct	-6731 Jun 17 j 07:20	22°♌24'06		
evening set	-6731 Sep 25 j 12:12	29°♌22'54		
	-6731 Sep 30 j 19:26	0°♍		
conjunction	-6731 Oct 11 j 20:48	1°♍18'22	2°13'51	
minimum elong	-6731 Oct 11 j 20:51	1°♍18'23	2°14'05	
max. Earth dist.	-6731 Oct 10 j 23:27	1°♍12'02	11.02883 AU	
morning rise	-6731 Oct 28 j 07:01	3°♍14'21		
retrograde	-6730 Feb 07 j 15:31	10°♍23'50		
opposition	-6730 Apr 19 j 17:44	7°♍03'59	2°35'28	
min. Earth dist.	-6730 Apr 20 j 12:20	7°♍00'33	8.96823 AU	
direct	-6730 Jun 28 j 22:46	3°♍45'07		

Attention, astronomical year style is used: The year -6730 in astronomical counting style is the year 6731 BCE in historical counting style.

evening set	-6730 Oct 06 j 21:11	10°♑49'00	
max. Earth dist.	-6730 Oct 22 j 11:49	12°♑40'36	10.90057 AU
conjunction	-6730 Oct 23 j 08:12	12°♑46'43	1°59'06
minimum elong	-6730 Oct 23 j 08:15	12°♑46'44	1°59'15
morning rise	-6730 Nov 08 j 21:38	14°♑45'13	
retrograde	-6729 Feb 20 j 06:03	22°♑05'03	
opposition	-6729 May 02 j 05:07	18°♑43'25	2°14'23
min. Earth dist.	-6729 May 02 j 22:25	18°♑40'11	8.82980 AU
direct	-6729 Jul 10 j 20:54	15°♑23'54	
evening set	-6729 Oct 18 j 13:53	22°♑34'21	
max. Earth dist.	-6729 Nov 03 j 09:50	24°♑29'14	10.75455 AU
conjunction	-6729 Nov 04 j 04:16	24°♑34'52	1°38'59
minimum elong	-6729 Nov 04 j 04:20	24°♑34'53	1°39'04
morning rise	-6729 Nov 20 j 21:49	26°♑36'27	
	-6729 Dec 21 j 06:29	0°♌	
retrograde	-6728 Mar 04 j 07:50	4°♌07'57	
opposition	-6728 May 14 j 00:26	0°♌44'26	1°46'48
min. Earth dist.	-6728 May 14 j 15:18	0°♌41'37	8.67630 AU
	-6728 May 23 j 20:13	30℞♑	
direct	-6728 Jul 21 j 23:22	27°♑24'08	
	-6728 Sep 15 j 20:22	0°♌	
evening set	-6728 Oct 29 j 16:16	4°♌42'34	
conjunction	-6728 Nov 15 j 10:43	6°♌46'20	1°13'52
minimum elong	-6728 Nov 15 j 10:46	6°♌46'21	1°13'52
max. Earth dist.	-6728 Nov 14 j 18:04	6°♌41'10	10.59646 AU
morning rise	-6728 Dec 02 j 09:15	8°♌51'27	
retrograde	-6727 Mar 17 j 19:18	16°♌35'40	
opposition	-6727 May 27 j 04:22	13°♌10'15	1°13'14
min. Earth dist.	-6727 May 27 j 16:48	13°♌07'51	8.51408 AU
direct	-6727 Aug 03 j 09:48	9°♌48'57	
evening set	-6727 Nov 11 j 06:29	17°♌16'47	
conjunction	-6727 Nov 28 j 05:35	19°♌24'09	0°44'26
minimum elong	-6727 Nov 28 j 05:37	19°♌24'10	0°44'21
max. Earth dist.	-6727 Nov 27 j 15:16	19°♌19'39	10.43307 AU
morning rise	-6727 Dec 15 j 09:38	21°♌33'07	
retrograde	-6726 Mar 31 j 18:15	29°♌30'36	
opposition	-6726 Jun 09 j 17:10	26°♌03'22	0°34'43
min. Earth dist.	-6726 Jun 10 j 02:57	26°♌01'27	8.35059 AU
direct	-6726 Aug 16 j 06:25	22°♌40'56	
	-6726 Nov 21 j 20:16	0°♍	
evening set	-6726 Nov 24 j 10:01	0°♍19'16	
conjunction	-6726 Dec 11 j 14:09	2°♍30'24	0°11'48
minimum elong	-6726 Dec 11 j 14:09	2°♍30'25	0°11'37
behind sun begin	-6726 Dec 11 j 09:02	2°♍28'47	
behind sun end	-6726 Dec 11 j 19:16	2°♍32'02	
max. Earth dist.	-6726 Dec 11 j 03:44	2°♍27'05	10.27220 AU
morning rise	-6726 Dec 28 j 23:46	4°♍43'20	
retrograde	-6725 Apr 15 j 04:26	12°♍54'04	
desc. node	-6725 Apr 21 j 09:32	12°♍52'03	
opposition	-6725 Jun 23 j 15:08	9°♍25'08	-0°07'12
min. Earth dist.	-6725 Jun 23 j 21:27	9°♍23'52	8.19425 AU
direct	-6725 Aug 29 j 12:49	6°♍01'29	
evening set	-6725 Dec 08 j 03:50	13°♍51'02	
	-6725 Dec 17 j 02:24	15°♍	
conjunction	-6725 Dec 25 j 13:04	16°♍05'53	-0°22'36
minimum elong	-6725 Dec 25 j 13:02	16°♍05'52	0°22'53
max. Earth dist.	-6725 Dec 25 j 08:04	16°♍04'16	10.12253 AU
morning rise	-6724 Jan 12 j 03:52	18°♍22'35	
retrograde	-6724 Apr 29 j 00:39	26°♍45'42	
opposition	-6724 Jul 06 j 21:40	23°♍15'19	-0°50'16
min. Earth dist.	-6724 Jul 06 j 23:25	23°♍14'58	8.05408 AU
direct	-6724 Sep 11 j 06:06	19°♍50'25	
evening set	-6724 Dec 21 j 12:42	27°♍51'20	
	-6723 Jan 06 j 21:42	0°♐	
conjunction	-6723 Jan 08 j 02:44	0°♐09'35	-0°56'38
minimum elong	-6723 Jan 08 j 02:41	0°♐09'34	0°57'00
max. Earth dist.	-6723 Jan 08 j 03:37	0°♐09'52	9.99323 AU
morning rise	-6723 Jan 25 j 22:05	2°♐29'38	
retrograde	-6723 May 14 j 04:43	11°♐03'08	
opposition	-6723 Jul 21 j 11:27	7°♐31'40	-1°31'42
min. Earth dist.	-6723 Jul 21 j 08:22	7°♐32'18	7.93904 AU
direct	-6723 Sep 25 j 10:00	4°♐05'30	
evening set	-6722 Jan 05 j 11:40	12°♐17'06	
conjunction	-6722 Jan 23 j 05:51	14°♐38'10	-1°28'00
minimum elong	-6722 Jan 23 j 05:48	14°♐38'09	1°28'26
max. Earth dist.	-6722 Jan 23 j 12:42	14°♐40'27	9.89299 AU
morning rise	-6722 Feb 10 j 04:51	17°♐00'50	
retrograde	-6722 May 29 j 13:58	25°♐41'41	
opposition	-6722 Aug 05 j 06:50	22°♐09'33	-2°08'17
min. Earth dist.	-6722 Aug 04 j 23:07	22°♐11'09	7.85710 AU
direct	-6722 Oct 09 j 22:25	18°♐42'12	
evening set	-6721 Jan 20 j 22:20	27°♐02'47	
conjunction	-6721 Feb 07 j 19:51	29°♐25'50	-1°54'13
minimum elong	-6721 Feb 07 j 19:47	29°♐25'49	1°54'41
max. Earth dist.	-6721 Feb 08 j 08:18	29°♐30'01	9.82917 AU
	-6721 Feb 12 j 01:46	0°♑	
morning rise	-6721 Feb 25 j 21:23	1°♑50'12	
retrograde	-6721 Jun 14 j 01:13	10°♑34'20	
opposition	-6721 Aug 20 j 05:16	7°♑02'03	-2°36'53
min. Earth dist.	-6721 Aug 19 j 17:39	7°♑04'30	7.81432 AU
direct	-6721 Oct 24 j 18:29	3°♑33'38	
evening set	-6720 Feb 05 j 17:15	12°♑00'32	
conjunction	-6720 Feb 23 j 17:17	14°♑24'36	-2°13'04
minimum elong	-6720 Feb 23 j 17:14	14°♑24'36	2°13'31
max. Earth dist.	-6720 Feb 24 j 10:22	14°♑30'20	9.80675 AU
morning rise	-6720 Mar 12 j 20:18	16°♑49'36	
retrograde	-6720 Jun 28 j 10:14	25°♑32'21	
opposition	-6720 Sep 03 j 03:47	22°♑00'25	-2°54'59
min. Earth dist.	-6720 Sep 02 j 13:31	22°♑03'25	7.81389 AU
direct	-6720 Nov 07 j 19:52	18°♑31'07	
evening set	-6719 Feb 20 j 15:43	27°♑00'52	
conjunction	-6719 Mar 10 j 17:29	29°♑24'57	-2°22'58
minimum elong	-6719 Mar 10 j 17:28	29°♑24'57	2°23'23
max. Earth dist.	-6719 Mar 11 j 13:49	29°♑31'45	9.82727 AU
	-6719 Mar 15 j 02:22	0°♒	
morning rise	-6719 Mar 28 j 20:58	1°♒49'30	
retrograde	-6719 Jul 13 j 13:17	10°♒26'12	
opposition	-6719 Sep 17 j 23:33	6°♒55'05	-3°01'09
min. Earth dist.	-6719 Sep 17 j 07:43	6°♒58'25	7.85525 AU
direct	-6719 Nov 23 j 00:01	3°♒25'10	
evening set	-6718 Mar 08 j 12:41	11°♒54'00	
conjunction	-6718 Mar 26 j 15:19	14°♒17'08	-2°23'17
minimum elong	-6718 Mar 26 j 15:20	14°♒17'08	2°23'38
max. Earth dist.	-6718 Mar 27 j 13:15	14°♒24'24	9.88831 AU
	-6718 Apr 01 j 00:44	15°♒	
morning rise	-6718 Apr 13 j 18:17	16°♒40'15	
retrograde	-6718 Jul 28 j 06:56	25°♒06'59	
opposition	-6718 Oct 02 j 13:48	21°♒37'07	-2°55'15
min. Earth dist.	-6718 Oct 01 j 21:24	21°♒40'33	7.93414 AU
direct	-6718 Dec 08 j 03:37	18°♒06'57	
evening set	-6717 Mar 24 j 03:35	26°♒31'21	

Attention, astronomical year style is used: The year -6717 in astronomical counting style is the year 6718 BCE in historical counting style.

conjunction	-6717 Apr 11 j 06:18	28°♒52'45	-2°14'20
minimum elong	-6717 Apr 11 j 06:21	28°♒52'46	2°14'36
max. Earth dist.	-6717 Apr 12 j 04:08	28°♒59'54	9.98407 AU
	-6717 Apr 19 j 20:04	0°♓	
morning rise	-6717 Apr 29 j 07:57	1°♓13'40	
retrograde	-6717 Aug 11 j 12:33	9°♓27'46	
opposition	-6717 Oct 16 j 20:38	5°♓59'30	-2°38'22
min. Earth dist.	-6717 Oct 16 j 04:24	6°♓02'52	8.04389 AU
direct	-6717 Dec 23 j 02:09	2°♓29'30	
evening set	-6716 Apr 07 j 09:02	10°♓46'42	
conjunction	-6716 Apr 25 j 11:02	13°♓05'45	-1°57'18
minimum elong	-6716 Apr 25 j 11:06	13°♓05'46	1°57'29
max. Earth dist.	-6716 Apr 26 j 07:42	13°♓12'25	10.10740 AU
morning rise	-6716 May 13 j 10:34	15°♓23'55	
retrograde	-6716 Aug 24 j 07:24	23°♓23'56	
opposition	-6716 Oct 29 j 18:57	19°♓57'29	-2°12'29
min. Earth dist.	-6716 Oct 29 j 03:17	20°♓00'41	8.17746 AU
direct	-6715 Jan 05 j 17:27	16°♓28'00	
evening set	-6715 Apr 22 j 02:53	24°♓35'57	
conjunction	-6715 May 10 j 03:11	26°♓52'09	-1°33'54
minimum elong	-6715 May 10 j 03:15	26°♓52'10	1°33'59
max. Earth dist.	-6715 May 10 j 22:14	26°♓58'11	10.25102 AU
morning rise	-6715 May 27 j 23:45	29°♓07'06	
	-6715 Jun 04 j 04:03	0°♈	
retrograde	-6715 Sep 06 j 15:29	6°♈52'37	
opposition	-6715 Nov 12 j 08:07	3°♈28'05	-1°40'03
min. Earth dist.	-6715 Nov 11 j 18:02	3°♈30'55	8.32755 AU
	-6714 Jan 16 j 16:06	30°♓℞	
direct	-6714 Jan 19 j 23:35	29°♓59'25	
	-6714 Jan 23 j 07:18	0°♈	
evening set	-6714 May 06 j 07:41	7°♈56'48	
conjunction	-6714 May 24 j 05:16	10°♈09'49	-1°06'07
minimum elong	-6714 May 24 j 05:19	10°♈09'50	1°06'05
max. Earth dist.	-6714 May 24 j 21:52	10°♈14'59	10.40710 AU
morning rise	-6714 Jun 10 j 22:11	12°♈21'22	
retrograde	-6714 Sep 19 j 12:02	19°♈52'51	
opposition	-6714 Nov 25 j 12:11	16°♈30'13	-1°03'36
min. Earth dist.	-6714 Nov 25 j 00:41	16°♈32'31	8.48626 AU
direct	-6713 Feb 02 j 20:50	13°♈02'36	
evening set	-6713 May 19 j 22:56	20°♈48'58	
conjunction	-6713 Jun 06 j 16:55	22°♈58'37	-0°35'50
minimum elong	-6713 Jun 06 j 16:57	22°♈58'38	0°35'43
max. Earth dist.	-6713 Jun 07 j 05:49	23°♈02'34	10.56739 AU
morning rise	-6713 Jun 24 j 05:44	25°♈06'42	
	-6713 Aug 09 j 10:20	0°♉	
retrograde	-6713 Oct 01 j 20:50	2°♉25'23	
	-6713 Nov 26 j 08:07	30°℞♈	
opposition	-6713 Dec 08 j 07:23	29°♈04'35	-0°25'25
min. Earth dist.	-6713 Dec 07 j 23:15	29°♈06'10	8.64546 AU
direct	-6712 Feb 16 j 08:57	25°♈38'06	
	-6712 May 03 j 00:14	0°♉	
evening set	-6712 Jun 01 j 01:19	3°♉13'43	
conjunction	-6712 Jun 18 j 14:57	5°♉20'02	-0°04'52
minimum elong	-6712 Jun 18 j 14:58	5°♉20'02	0°04'39
behind sun begin	-6712 Jun 18 j 07:57	5°♉17'57	
behind sun end	-6712 Jun 18 j 21:58	5°♉22'07	
max. Earth dist.	-6712 Jun 18 j 23:04	5°♉22'27	10.72398 AU
morning rise	-6712 Jul 05 j 23:18	7°♉24'44	
asc. node	-6712 Aug 16 j 15:06	11°♉49'24	
retrograde	-6712 Oct 12 j 20:53	14°♉32'19	
opposition	-6712 Dec 19 j 18:28	11°♉13'07	0°12'32
min. Earth dist.	-6712 Dec 19 j 13:21	11°♉14'06	8.79764 AU
direct	-6711 Feb 28 j 10:55	7°♉47'55	
	-6711 Jun 11 j 17:00	15°♉	
evening set	-6711 Jun 13 j 15:34	15°♉13'30	
conjunction	-6711 Jul 01 j 00:29	17°♉16'38	0°25'33
minimum elong	-6711 Jul 01 j 00:28	17°♉16'37	0°25'51
max. Earth dist.	-6711 Jul 01 j 04:13	17°♉17'44	10.86993 AU
morning rise	-6711 Jul 18 j 04:10	19°♉18'12	
retrograde	-6711 Oct 24 j 13:06	26°♉16'38	
opposition	-6711 Dec 31 j 22:44	22°♉58'48	0°48'41
min. Earth dist.	-6711 Dec 31 j 20:14	22°♉59'17	8.93634 AU
direct	-6710 Mar 13 j 03:58	19°♉34'53	
evening set	-6710 Jun 25 j 18:46	26°♉51'30	
conjunction	-6710 Jul 12 j 22:55	28°♉51'43	0°54'01
minimum elong	-6710 Jul 12 j 22:53	28°♉51'43	0°54'23
max. Earth dist.	-6710 Jul 12 j 23:23	28°♉51'52	10.99934 AU
	-6710 Jul 22 j 15:39	0°♊	
morning rise	-6710 Jul 29 j 21:50	0°♊50'28	
retrograde	-6710 Nov 05 j 01:40	7°♊41'53	
opposition	-6709 Jan 12 j 21:16	4°♊25'09	1°21'50
min. Earth dist.	-6709 Jan 12 j 21:52	4°♊25'02	9.05617 AU
direct	-6709 Mar 25 j 12:06	1°♊02'28	
evening set	-6709 Jul 07 j 12:57	8°♊11'26	
conjunction	-6709 Jul 24 j 12:18	10°♊09'08	1°19'44
minimum elong	-6709 Jul 24 j 12:15	10°♊09'07	1°20'08
max. Earth dist.	-6709 Jul 24 j 09:16	10°♊08'15	11.10748 AU
morning rise	-6709 Aug 10 j 06:42	12°♊05'29	
retrograde	-6709 Nov 16 j 08:25	18°♊51'51	
opposition	-6708 Jan 24 j 15:24	15°♊35'58	1°51'04
min. Earth dist.	-6708 Jan 24 j 19:59	15°♊35'07	9.15298 AU
direct	-6708 Apr 05 j 11:32	12°♊14'27	
evening set	-6708 Jul 17 j 23:38	19°♊17'15	
conjunction	-6708 Aug 03 j 18:19	21°♊12'50	1°41'58
minimum elong	-6708 Aug 03 j 18:16	21°♊12'49	1°42'24
max. Earth dist.	-6708 Aug 03 j 10:46	21°♊10'39	11.19086 AU
morning rise	-6708 Aug 20 j 08:51	23°♊07'16	
retrograde	-6708 Nov 26 j 12:48	29°♊50'43	
opposition	-6707 Feb 04 j 06:44	26°♊35'22	2°15'42
min. Earth dist.	-6707 Feb 04 j 14:32	26°♊33'56	9.22366 AU
direct	-6707 Apr 17 j 07:15	23°♊14'52	
	-6707 Jul 27 j 06:00	0°♋	
evening set	-6707 Jul 29 j 04:13	0°♋12'58	
conjunction	-6707 Aug 14 j 18:52	2°♋06'57	2°00'12
minimum elong	-6707 Aug 14 j 18:49	2°♋06'56	2°00'38
max. Earth dist.	-6707 Aug 14 j 07:56	2°♋03'48	11.24698 AU
morning rise	-6707 Aug 31 j 06:09	4°♋00'00	
retrograde	-6707 Dec 07 j 17:10	10°♋42'31	
opposition	-6706 Feb 15 j 20:28	7°♋27'22	2°35'10
min. Earth dist.	-6706 Feb 16 j 06:22	7°♋25'33	9.26596 AU
direct	-6706 Apr 28 j 21:50	4°♋07'47	
evening set	-6706 Aug 09 j 04:40	11°♋02'41	
conjunction	-6706 Aug 25 j 16:11	12°♋55'37	2°13'58
minimum elong	-6706 Aug 25 j 16:09	12°♋55'36	2°14'24
max. Earth dist.	-6706 Aug 25 j 03:19	12°♋51'54	11.27409 AU
morning rise	-6706 Sep 11 j 00:52	14°♋47'50	
retrograde	-6706 Dec 18 j 23:19	21°♋31'19	
opposition	-6705 Feb 27 j 09:53	18°♋16'03	2°49'04
min. Earth dist.	-6705 Feb 27 j 21:52	18°♋13'53	9.27853 AU
direct	-6705 May 10 j 09:03	14°♋57'12	
evening set	-6705 Aug 20 j 02:45	21°♋50'25	
conjunction	-6705 Sep 05 j 11:52	23°♋42'52	2°22'57

Attention, astronomical year style is used: The year -6705 in astronomical counting style is the year 6706 BCE in historical counting style.

minimum elong	-6705 Sep 05 j 11:51	23°♋42'52	2°23'23
max. Earth dist.	-6705 Sep 04 j 20:30	23°♋38'26	11.27130 AU
morning rise	-6705 Sep 21 j 18:57	25°♋34'51	
	-6705 Nov 05 j 02:49	0°♌	
retrograde	-6705 Dec 30 j 08:23	2°♌21'06	
	-6704 Feb 26 j 08:19	30°℞♋	
opposition	-6704 Mar 10 j 00:45	29°♋05'29	2°57'02
min. Earth dist.	-6704 Mar 10 j 15:21	29°♋02'49	9.26095 AU
direct	-6704 May 20 j 17:55	25°♋47'09	
	-6704 Aug 05 j 03:14	0°♌	
evening set	-6704 Aug 30 j 00:08	2°♌40'08	
conjunction	-6704 Sep 15 j 07:39	4°♌32'41	2°26'50
minimum elong	-6704 Sep 15 j 07:39	4°♌32'41	2°27'15
max. Earth dist.	-6704 Sep 14 j 13:42	4°♌27'29	11.23875 AU
morning rise	-6704 Oct 01 j 14:21	6°♌25'03	
retrograde	-6703 Jan 09 j 19:18	13°♌15'54	
opposition	-6703 Mar 21 j 18:14	9°♌59'33	2°58'45
min. Earth dist.	-6703 Mar 22 j 10:41	9°♌56'33	9.21375 AU
direct	-6703 Jun 01 j 03:31	6°♌41'30	
evening set	-6703 Sep 09 j 22:36	13°♌35'45	
	-6703 Sep 22 j 02:20	15°♌	
max. Earth dist.	-6703 Sep 25 j 10:55	15°♌23'30	11.17741 AU
conjunction	-6703 Sep 26 j 05:48	15°♌29'01	2°25'26
minimum elong	-6703 Sep 26 j 05:49	15°♌29'01	2°25'47
morning rise	-6703 Oct 12 j 13:05	17°♌22'21	
retrograde	-6702 Jan 21 j 14:44	24°♌19'31	
opposition	-6702 Apr 02 j 15:20	21°♌02'07	2°53'57
min. Earth dist.	-6702 Apr 03 j 08:04	20°♌59'04	9.13831 AU
direct	-6702 Jun 12 j 15:52	17°♌44'09	
evening set	-6702 Sep 20 j 23:55	24°♌41'06	
conjunction	-6702 Oct 07 j 07:59	26°♌35'41	2°18'34
minimum elong	-6702 Oct 07 j 08:01	26°♌35'42	2°18'50
max. Earth dist.	-6702 Oct 06 j 13:14	26°♌30'09	11.08899 AU
morning rise	-6702 Oct 23 j 16:52	28°♌30'38	
	-6702 Nov 05 j 22:05	0°♍	
retrograde	-6701 Feb 02 j 16:21	5°♍35'42	
opposition	-6701 Apr 14 j 17:29	2°♍17'00	2°42'30
min. Earth dist.	-6701 Apr 15 j 10:00	2°♍13'57	9.03681 AU
	-6701 May 18 j 23:21	30°℞♌	
direct	-6701 Jun 24 j 04:31	28°♌58'52	
	-6701 Jul 29 j 12:39	0°♍	
evening set	-6701 Oct 02 j 06:07	5°♍59'58	
conjunction	-6701 Oct 18 j 15:55	7°♍56'28	2°06'12
minimum elong	-6701 Oct 18 j 15:58	7°♍56'29	2°06'23
max. Earth dist.	-6701 Oct 17 j 20:46	7°♍50'46	10.97623 AU
morning rise	-6701 Nov 04 j 03:35	9°♍53'37	
retrograde	-6700 Feb 15 j 02:34	17°♍08'07	
opposition	-6700 Apr 26 j 01:52	13°♍47'53	2°24'20
min. Earth dist.	-6700 Apr 26 j 18:16	13°♍44'50	8.91257 AU
direct	-6700 Jul 04 j 23:00	10°♍29'19	
evening set	-6700 Oct 12 j 19:04	17°♍36'03	
conjunction	-6700 Oct 29 j 07:35	19°♍35'00	1°48'24
minimum elong	-6700 Oct 29 j 07:39	19°♍35'01	1°48'31
max. Earth dist.	-6700 Oct 28 j 12:24	19°♍29'12	10.84291 AU
morning rise	-6700 Nov 14 j 23:10	21°♍34'56	
retrograde	-6699 Feb 26 j 21:47	29°♍00'14	
opposition	-6699 May 08 j 17:25	25°♍38'15	1°59'34
min. Earth dist.	-6699 May 09 j 09:23	25°♍35'15	8.76985 AU
direct	-6699 Jul 16 j 22:48	22°♍18'59	
evening set	-6699 Oct 24 j 16:33	29°♍32'48	
	-6699 Oct 28 j 10:50	0°♎	

conjunction	-6699 Nov 10 j 08:53	1°♎34'45	1°25'27
minimum elong	-6699 Nov 10 j 08:56	1°♎34'46	1°25'29
max. Earth dist.	-6699 Nov 09 j 15:26	1°♎29'23	10.69338 AU
morning rise	-6699 Nov 27 j 05:04	3°♎37'57	
retrograde	-6698 Mar 12 j 02:47	11°♎15'15	
opposition	-6698 May 21 j 16:51	7°♎51'23	1°28'37
min. Earth dist.	-6698 May 22 j 07:01	7°♎48'41	8.61345 AU
direct	-6698 Jul 29 j 06:39	4°♎31'11	
evening set	-6698 Nov 06 j 00:42	11°♎53'34	
conjunction	-6698 Nov 22 j 21:34	13°♎58'57	0°57'53
minimum elong	-6698 Nov 22 j 21:36	13°♎58'58	0°57'50
max. Earth dist.	-6698 Nov 22 j 06:42	13°♎54'19	10.53285 AU
morning rise	-6698 Dec 09 j 22:50	16°♎05'48	
retrograde	-6697 Mar 25 j 20:26	23°♎56'03	
opposition	-6697 Jun 04 j 00:50	20°♎30'17	0°52'15
min. Earth dist.	-6697 Jun 04 j 12:05	20°♎28'06	8.44961 AU
direct	-6697 Aug 10 j 22:43	17°♎09'01	
evening set	-6697 Nov 18 j 21:22	24°♎41'19	
conjunction	-6697 Dec 05 j 23:07	26°♎50'24	0°26'35
minimum elong	-6697 Dec 05 j 23:08	26°♎50'24	0°26'26
max. Earth dist.	-6697 Dec 05 j 11:21	26°♎46'40	10.36868 AU
morning rise	-6697 Dec 23 j 05:51	29°♎01'10	
	-6697 Dec 31 j 05:33	0°♏	
retrograde	-6696 Apr 08 j 01:58	7°♏04'45	
opposition	-6696 Jun 16 j 18:02	3°♏37'07	0°11'45
min. Earth dist.	-6696 Jun 17 j 01:39	3°♏35'37	8.28689 AU
direct	-6696 Aug 22 j 22:48	0°♏14'35	
desc. node	-6696 Sep 29 j 23:51	1°♏33'07	
evening set	-6696 Dec 01 j 07:55	7°♏57'48	
conjunction	-6696 Dec 18 j 14:40	10°♏10'39	-0°07'12
minimum elong	-6696 Dec 18 j 14:40	10°♏10'39	0°07'27
behind sun begin	-6696 Dec 18 j 08:06	10°♏08'33	
behind sun end	-6696 Dec 18 j 21:13	10°♏12'44	
max. Earth dist.	-6696 Dec 18 j 06:21	10°♏07'59	10.21008 AU
morning rise	-6695 Jan 05 j 02:55	12°♏25'19	
	-6695 Jan 26 j 07:40	15°♏	
retrograde	-6695 Apr 22 j 17:17	20°♏41'47	
opposition	-6695 Jun 30 j 20:03	17°♏12'27	-0°30'59
min. Earth dist.	-6695 Jul 01 j 00:03	17°♏11'39	8.13487 AU
	-6695 Jul 30 j 18:27	15°℞♏	
direct	-6695 Sep 05 j 10:06	13°♏48'30	
	-6695 Oct 11 j 07:57	15°♏	
evening set	-6695 Dec 15 j 09:18	21°♏43'08	
conjunction	-6694 Jan 01 j 20:53	23°♏59'34	-0°41'31
minimum elong	-6694 Jan 01 j 20:51	23°♏59'33	0°41'51
max. Earth dist.	-6694 Jan 01 j 17:03	23°♏58'18	10.06659 AU
morning rise	-6694 Jan 19 j 14:09	26°♏17'51	
	-6694 Feb 19 j 07:12	0°♐	
retrograde	-6694 May 07 j 16:49	4°♐45'44	
opposition	-6694 Jul 15 j 05:51	1°♐14'58	-1°13'23
min. Earth dist.	-6694 Jul 15 j 06:08	1°♐14'54	8.00304 AU
	-6694 Jul 30 j 22:08	30°℞♏	
direct	-6694 Sep 19 j 08:44	27°♏49'32	
	-6694 Nov 07 j 01:54	0°♐	
evening set	-6694 Dec 30 j 01:01	5°♐55'20	
conjunction	-6693 Jan 16 j 17:03	8°♐14'54	-1°14'19
minimum elong	-6693 Jan 16 j 17:00	8°♐14'53	1°14'42
max. Earth dist.	-6693 Jan 16 j 18:40	8°♐15'26	9.94748 AU
morning rise	-6693 Feb 03 j 14:28	10°♐36'13	
retrograde	-6693 May 22 j 22:29	19°♐13'05	
opposition	-6693 Jul 29 j 22:09	15°♐41'15	-1°52'28
min. Earth dist.	-6693 Jul 29 j 18:19	15°♐42'03	7.90016 AU

Attention, astronomical year style is used: The year -6693 in astronomical counting style is the year 6694 BCE in historical counting style.

direct	-6693 Oct 03 j 17:03	12°♐14'22	
evening set	-6692 Jan 14 j 05:25	20°♐30'08	
conjunction	-6692 Feb 01 j 01:18	22°♐52'10	-1°43'06
minimum elong	-6692 Feb 01 j 01:14	22°♐52'09	1°43'32
max. Earth dist.	-6692 Feb 01 j 08:48	22°♐54'41	9.86097 AU
morning rise	-6692 Feb 19 j 01:49	25°♐15'42	
	-6692 Mar 29 j 12:55	0°♑	
retrograde	-6692 Jun 06 j 07:58	3°♑58'01	
opposition	-6692 Aug 12 j 18:40	0°♑25'35	-2°25'01
min. Earth dist.	-6692 Aug 12 j 10:44	0°♑27'14	7.83330 AU
	-6692 Aug 17 j 21:20	30°℞♐	
direct	-6692 Oct 17 j 09:47	26°♐57'21	
	-6692 Dec 14 j 08:39	0°♑	
evening set	-6691 Jan 28 j 20:05	5°♑21'00	
conjunction	-6691 Feb 15 j 19:02	7°♑44'36	-2°05'32
minimum elong	-6691 Feb 15 j 18:58	7°♑44'35	2°05'58
max. Earth dist.	-6691 Feb 16 j 08:09	7°♑49'01	9.81325 AU
morning rise	-6691 Mar 05 j 21:30	10°♑09'20	
retrograde	-6691 Jun 21 j 17:18	18°♑52'46	
opposition	-6691 Aug 27 j 16:39	15°♑20'16	-2°48'12
min. Earth dist.	-6691 Aug 27 j 04:54	15°♑22'44	7.80713 AU
direct	-6691 Nov 01 j 08:46	11°♑50'54	
evening set	-6690 Feb 13 j 16:41	20°♑19'25	
conjunction	-6690 Mar 03 j 17:50	22°♑43'36	-2°19'41
minimum elong	-6690 Mar 03 j 17:49	22°♑43'35	2°20'06
max. Earth dist.	-6690 Mar 04 j 11:42	22°♑49'35	9.80776 AU
morning rise	-6690 Mar 21 j 21:11	25°♑08'28	
	-6690 May 01 j 09:05	0°♒	
retrograde	-6690 Jul 06 j 22:52	3°♒48'25	
opposition	-6690 Sep 11 j 13:30	0°♒16'22	-3°00'00
min. Earth dist.	-6690 Sep 10 j 22:44	0°♒19'28	7.82333 AU
	-6690 Sep 14 j 19:14	30°℞♑	
direct	-6690 Nov 16 j 11:17	26°♑46'12	
	-6689 Jan 15 j 19:30	0°♒	
evening set	-6689 Mar 01 j 14:14	5°♒15'54	
conjunction	-6689 Mar 19 j 16:45	7°♒39'41	-2°24'26
minimum elong	-6689 Mar 19 j 16:45	7°♒39'41	2°24'49
max. Earth dist.	-6689 Mar 20 j 13:57	7°♒46'45	9.84478 AU
morning rise	-6689 Apr 06 j 20:01	10°♒03'40	
	-6689 May 18 j 10:38	15°♒	
retrograde	-6689 Jul 21 j 21:15	18°♒35'50	
opposition	-6689 Sep 26 j 06:25	15°♒04'44	-2°59'38
min. Earth dist.	-6689 Sep 25 j 13:57	15°♒08'12	7.88048 AU
	-6689 Sep 27 j 04:55	15°℞♒	
direct	-6689 Dec 01 j 14:17	11°♒34'06	
	-6688 Feb 02 j 12:14	15°♒	
evening set	-6688 Mar 16 j 08:20	20°♒01'18	
conjunction	-6688 Apr 03 j 11:22	22°♒23'47	-2°19'41
minimum elong	-6688 Apr 03 j 11:24	22°♒23'48	2°19'59
max. Earth dist.	-6688 Apr 04 j 10:06	22°♒31'17	9.92133 AU
morning rise	-6688 Apr 21 j 13:42	24°♒45'59	
	-6688 Jun 05 j 18:44	0°♓	
retrograde	-6688 Aug 04 j 09:19	3°♓06'50	
	-6688 Oct 05 j 03:24	30°℞♒	
opposition	-6688 Oct 09 j 16:53	29°♒37'09	-2°47'39
min. Earth dist.	-6688 Oct 09 j 00:07	29°♒40'40	7.97417 AU
direct	-6688 Dec 15 j 14:06	26°♒06'27	
	-6687 Feb 21 j 18:35	0°♓	
evening set	-6687 Mar 31 j 18:46	4°♓27'49	
conjunction	-6687 Apr 18 j 21:23	6°♓48'14	-2°06'13
minimum elong	-6687 Apr 18 j 21:27	6°♓48'15	2°06'26
max. Earth dist.	-6687 Apr 19 j 19:52	6°♓55'33	10.03161 AU
morning rise	-6687 May 06 j 22:00	9°♓07'55	
retrograde	-6687 Aug 18 j 10:23	17°♓15'11	
opposition	-6687 Oct 23 j 19:30	13°♓47'16	-2°25'39
min. Earth dist.	-6687 Oct 23 j 03:33	13°♓50'33	8.09775 AU
direct	-6687 Dec 30 j 08:47	10°♓16'55	
evening set	-6686 Apr 15 j 18:14	18°♓29'48	
conjunction	-6686 May 03 j 19:27	20°♓47'33	-1°45'32
minimum elong	-6686 May 03 j 19:31	20°♓47'34	1°45'39
max. Earth dist.	-6686 May 04 j 16:05	20°♓54'09	10.16797 AU
morning rise	-6686 May 21 j 17:35	23°♓04'12	
	-6686 Jul 30 j 19:00	0°♈	
retrograde	-6686 Aug 31 j 23:13	0°♈56'53	
	-6686 Oct 03 j 09:21	30°℞♓	
opposition	-6686 Nov 06 j 13:04	27°♓30'55	-1°55'54
min. Earth dist.	-6686 Nov 05 j 22:24	27°♓33'55	8.24319 AU
direct	-6685 Jan 13 j 20:04	24°♓01'21	
	-6685 Apr 12 j 22:24	0°♈	
evening set	-6685 Apr 30 j 05:07	2°♈04'04	
conjunction	-6685 May 18 j 04:02	4°♈18'43	-1°19'31
minimum elong	-6685 May 18 j 04:06	4°♈18'44	1°19'32
max. Earth dist.	-6685 May 18 j 21:46	4°♈24'18	10.32185 AU
morning rise	-6685 Jun 04 j 22:59	6°♈32'02	
retrograde	-6685 Sep 13 j 23:33	14°♈10'14	
opposition	-6685 Nov 19 j 21:07	10°♈46'19	-1°20'58
min. Earth dist.	-6685 Nov 19 j 07:59	10°♈48'57	8.40182 AU
direct	-6684 Jan 27 j 22:51	7°♈17'49	
evening set	-6684 May 13 j 02:41	15°♈09'37	
conjunction	-6684 May 30 j 22:30	17°♈20'57	-0°50'08
minimum elong	-6684 May 30 j 22:32	17°♈20'57	0°50'03
max. Earth dist.	-6684 May 31 j 13:11	17°♈25'29	10.48436 AU
morning rise	-6684 Jun 17 j 13:32	19°♈30'46	
retrograde	-6684 Sep 25 j 13:30	26°♈55'30	
opposition	-6684 Dec 01 j 20:16	23°♈33'36	-0°43'16
min. Earth dist.	-6684 Dec 01 j 09:11	23°♈35'48	8.56499 AU
direct	-6683 Feb 09 j 15:15	20°♈06'26	
evening set	-6683 May 26 j 11:03	27°♈47'14	
conjunction	-6683 Jun 13 j 02:56	29°♈55'11	-0°19'14
minimum elong	-6683 Jun 13 j 02:57	29°♈55'11	0°19'03
	-6683 Jun 13 j 18:49	0°♉	
max. Earth dist.	-6683 Jun 13 j 14:31	29°♈58'42	10.64700 AU
morning rise	-6683 Jun 30 j 13:27	2°♉01'31	
retrograde	-6683 Oct 07 j 19:37	9°♉14'19	
opposition	-6683 Dec 14 j 11:12	5°♉54'20	-0°04'56
min. Earth dist.	-6683 Dec 14 j 03:05	5°♉55'54	8.72473 AU
asc. node	-6682 Feb 01 j 06:01	2°♉51'30	
direct	-6682 Feb 22 j 20:15	2°♉28'36	
evening set	-6682 Jun 08 j 07:02	9°♉58'58	
conjunction	-6682 Jun 25 j 18:22	12°♉03'37	0°11'42
minimum elong	-6682 Jun 25 j 18:22	12°♉03'37	0°11'57
behind sun begin	-6682 Jun 25 j 13:28	12°♉02'10	
behind sun end	-6682 Jun 25 j 23:16	12°♉05'04	
max. Earth dist.	-6682 Jun 26 j 02:16	12°♉05'58	10.80221 AU
morning rise	-6682 Jul 13 j 00:10	14°♉06'39	
	-6682 Jul 20 j 16:37	15°♉	
retrograde	-6682 Oct 19 j 15:55	21°♉09'22	
opposition	-6682 Dec 26 j 18:46	17°♉51'04	0°32'17
min. Earth dist.	-6682 Dec 26 j 14:34	17°♉51'53	8.87405 AU
	-6681 Feb 09 j 08:13	15°℞♉	
direct	-6681 Mar 07 j 16:28	14°♉26'47	
	-6681 Apr 02 j 23:54	15°♉	
evening set	-6681 Jun 20 j 15:44	21°♉47'41	

Attention, astronomical year style is used: The year -6681 in astronomical counting style is the year 6682 BCE in historical counting style.

conjunction	-6681 Jul 07 j 22:08	23°♉49'15	0°41'11
minimum elong	-6681 Jul 07 j 22:07	23°♉49'14	0°41'31
max. Earth dist.	-6681 Jul 08 j 01:01	23°♉50'06	10.94349 AU
morning rise	-6681 Jul 24 j 23:17	25°♉49'18	
	-6681 Sep 03 j 02:39	0°♊	
retrograde	-6681 Oct 31 j 05:46	2°♊43'56	
	-6681 Dec 31 j 12:04	30°℞♉	
opposition	-6680 Jan 07 j 20:10	29°♉27'03	1°07'00
min. Earth dist.	-6680 Jan 07 j 19:30	29°♉27'10	9.00671 AU
direct	-6680 Mar 19 j 05:37	26°♉04'09	
	-6680 May 31 j 21:43	0°♊	
evening set	-6680 Jul 01 j 14:34	3°♊16'46	
conjunction	-6680 Jul 18 j 16:00	5°♊15'35	1°08'18
minimum elong	-6680 Jul 18 j 15:57	5°♊15'34	1°08'42
max. Earth dist.	-6680 Jul 18 j 14:16	5°♊15'05	11.06524 AU
morning rise	-6680 Aug 04 j 12:36	7°♊13'00	
retrograde	-6680 Nov 10 j 14:38	14°♊01'38	
opposition	-6679 Jan 18 j 16:36	10°♊45'48	1°38'10
min. Earth dist.	-6679 Jan 18 j 18:45	10°♊45'24	9.11756 AU
direct	-6679 Mar 31 j 10:09	7°♊24'12	
evening set	-6679 Jul 13 j 05:00	14°♊29'52	
conjunction	-6679 Jul 30 j 01:49	16°♊26'22	1°32'14
minimum elong	-6679 Jul 30 j 01:46	16°♊26'21	1°32'40
max. Earth dist.	-6679 Jul 29 j 20:48	16°♊24'54	11.16293 AU
morning rise	-6679 Aug 15 j 18:06	18°♊21'36	
retrograde	-6679 Nov 21 j 21:43	25°♊06'18	
opposition	-6678 Jan 30 j 09:31	21°♊51'10	2°05'00
min. Earth dist.	-6678 Jan 30 j 14:49	21°♊50'11	9.20240 AU
direct	-6678 Apr 12 j 08:29	18°♊30'42	
evening set	-6678 Jul 24 j 12:36	25°♊30'53	
conjunction	-6678 Aug 10 j 05:11	27°♊25'31	1°52'23
minimum elong	-6678 Aug 10 j 05:08	27°♊25'30	1°52'48
max. Earth dist.	-6678 Aug 09 j 20:37	27°♊23'03	11.23275 AU
morning rise	-6678 Aug 26 j 17:45	29°♊19'07	
	-6678 Sep 01 j 20:06	0°♋	
retrograde	-6678 Dec 03 j 02:58	6°♋01'53	
opposition	-6677 Feb 11 j 00:13	2°♋47'08	2°26'54
min. Earth dist.	-6677 Feb 11 j 09:28	2°♋45'26	9.25785 AU
	-6677 Mar 28 j 09:27	30°℞♊	
direct	-6677 Apr 23 j 23:53	29°♊27'36	
	-6677 May 20 j 09:13	0°♋	
evening set	-6677 Aug 04 j 15:24	6°♋23'54	
conjunction	-6677 Aug 21 j 04:13	8°♋17'14	2°08'14
minimum elong	-6677 Aug 21 j 04:11	8°♋17'14	2°08'40
max. Earth dist.	-6677 Aug 20 j 15:15	8°♋13'30	11.27214 AU
morning rise	-6677 Sep 06 j 13:59	10°♋09'46	
retrograde	-6677 Dec 14 j 07:01	16°♋52'39	
opposition	-6676 Feb 22 j 14:04	13°♋37'54	2°43'24
min. Earth dist.	-6676 Feb 23 j 02:46	13°♋35'35	9.28210 AU
direct	-6676 May 04 j 13:29	10°♋19'04	
evening set	-6676 Aug 14 j 14:55	17°♋13'06	
max. Earth dist.	-6676 Aug 30 j 08:50	19°♋01'04	11.28031 AU
conjunction	-6676 Aug 31 j 00:53	19°♋05'41	2°19'26
minimum elong	-6676 Aug 31 j 00:52	19°♋05'41	2°19'52
morning rise	-6676 Sep 16 j 08:42	20°♋57'43	
retrograde	-6676 Dec 24 j 14:58	27°♋42'39	
opposition	-6675 Mar 05 j 04:37	24°♋27'31	2°54'06
min. Earth dist.	-6675 Mar 05 j 19:02	24°♋24'55	9.27496 AU
direct	-6675 May 16 j 01:14	21°♋09'12	
evening set	-6675 Aug 25 j 12:42	28°♋02'21	
conjunction	-6675 Sep 10 j 20:56	29°♋54'49	2°25'40
minimum elong	-6675 Sep 10 j 20:55	29°♋54'49	2°26'05
max. Earth dist.	-6675 Sep 10 j 03:35	29°♋49'48	11.25753 AU
	-6675 Sep 11 j 14:52	0°♌	
morning rise	-6675 Sep 27 j 03:39	1°♌46'58	
retrograde	-6674 Jan 05 j 02:01	8°♌35'45	
opposition	-6674 Mar 16 j 21:06	5°♌19'52	2°58'42
min. Earth dist.	-6674 Mar 17 j 12:54	5°♌16'59	9.23707 AU
direct	-6674 May 27 j 10:42	2°♌01'47	
evening set	-6674 Sep 05 j 10:53	8°♌55'32	
conjunction	-6674 Sep 21 j 18:16	10°♌48'28	2°26'41
minimum elong	-6674 Sep 21 j 18:16	10°♌48'28	2°27'03
max. Earth dist.	-6674 Sep 20 j 23:10	10°♌42'55	11.20486 AU
morning rise	-6674 Oct 08 j 01:03	12°♌41'20	
	-6674 Oct 29 j 05:23	15°♌	
retrograde	-6673 Jan 16 j 18:02	19°♌35'38	
opposition	-6673 Mar 28 j 16:36	16°♌18'43	2°56'54
min. Earth dist.	-6673 Mar 29 j 10:08	16°♌15'31	9.16988 AU
	-6673 Apr 16 j 04:17	15°℞♌	
direct	-6673 Jun 07 j 21:08	13°♌00'36	
	-6673 Jul 28 j 10:04	15°♌	
evening set	-6673 Sep 16 j 11:02	19°♌56'26	
conjunction	-6673 Oct 02 j 18:31	21°♌50'25	2°22'18
minimum elong	-6673 Oct 02 j 18:33	21°♌50'26	2°22'36
max. Earth dist.	-6673 Oct 01 j 21:38	21°♌44'18	11.12418 AU
morning rise	-6673 Oct 19 j 02:39	23°♌44'40	
	-6673 Dec 28 j 14:32	0°♍	
retrograde	-6672 Jan 28 j 14:39	0°♍46'11	
	-6672 Feb 29 j 05:34	30°℞♌	
opposition	-6672 Apr 08 j 16:40	27°♌27'52	2°48'30
min. Earth dist.	-6672 Apr 09 j 11:12	27°♌24'28	9.07568 AU
direct	-6672 Jun 18 j 09:32	24°♌09'30	
	-6672 Sep 16 j 13:04	0°♍	
evening set	-6672 Sep 26 j 14:47	1°♍08'53	
conjunction	-6672 Oct 12 j 23:38	3°♍04'33	2°12'26
minimum elong	-6672 Oct 12 j 23:41	3°♍04'33	2°12'40
max. Earth dist.	-6672 Oct 12 j 03:06	2°♍58'27	11.01814 AU
morning rise	-6672 Oct 29 j 10:04	5°♍00'44	
retrograde	-6671 Feb 08 j 21:02	12°♍11'07	
opposition	-6671 Apr 20 j 22:16	8°♍51'10	2°33'23
min. Earth dist.	-6671 Apr 21 j 16:05	8°♍47'52	8.95762 AU
direct	-6671 Jun 30 j 03:41	5°♍32'19	
evening set	-6671 Oct 08 j 00:23	12°♍36'43	
conjunction	-6671 Oct 24 j 11:45	14°♍34'40	1°57'05
minimum elong	-6671 Oct 24 j 11:49	14°♍34'41	1°57'14
max. Earth dist.	-6671 Oct 23 j 16:32	14°♍28'53	10.89022 AU
morning rise	-6671 Nov 10 j 01:26	16°♍33'24	
retrograde	-6670 Feb 21 j 12:34	23°♍54'03	
opposition	-6670 May 03 j 10:18	20°♍32'20	2°11'35
min. Earth dist.	-6670 May 04 j 02:30	20°♍29'18	8.81978 AU
direct	-6670 Jul 12 j 00:01	17°♍12'49	
evening set	-6670 Oct 19 j 17:49	24°♍23'45	
conjunction	-6670 Nov 05 j 08:29	26°♍24'29	1°36'25
minimum elong	-6670 Nov 05 j 08:33	26°♍24'30	1°36'29
max. Earth dist.	-6670 Nov 04 j 14:14	26°♍18'55	10.74501 AU
morning rise	-6670 Nov 22 j 02:27	28°♍26'19	
	-6670 Dec 05 j 11:19	0°♎	
retrograde	-6669 Mar 06 j 13:34	5°♎58'33	
opposition	-6669 May 16 j 06:08	2°♎34'56	1°43'21
min. Earth dist.	-6669 May 16 j 20:38	2°♎32'11	8.66728 AU
	-6669 Jun 24 j 01:08	30°℞♍	
direct	-6669 Jul 24 j 03:23	29°♍14'36	
	-6669 Aug 22 j 16:06	0°♎	

Attention, astronomical year style is used: The year -6669 in astronomical counting style is the year 6670 BCE in historical counting style.

evening set	-6669 Oct 31 j 20:53	6°♎33'30	
conjunction	-6669 Nov 17 j 15:35	8°♎37'28	1°10'50
minimum elong	-6669 Nov 17 j 15:38	8°♎37'29	1°10'50
max. Earth dist.	-6669 Nov 16 j 22:52	8°♎32'17	10.58816 AU
morning rise	-6669 Dec 04 j 14:36	10°♎42'49	
retrograde	-6668 Mar 19 j 01:55	18°♎27'40	
opposition	-6668 May 28 j 10:29	15°♎02'09	1°09'16
min. Earth dist.	-6668 May 28 j 23:00	14°♎59'44	8.50650 AU
direct	-6668 Aug 04 j 15:18	11°♎40'47	
evening set	-6668 Nov 12 j 11:39	19°♎08'59	
conjunction	-6668 Nov 29 j 11:05	21°♎16'32	0°41'05
minimum elong	-6668 Nov 29 j 11:07	21°♎16'33	0°40'59
max. Earth dist.	-6668 Nov 28 j 21:27	21°♎12'14	10.42640 AU
morning rise	-6668 Dec 16 j 15:32	23°♎25'43	
	-6667 Feb 19 j 23:53	0°♏	
retrograde	-6667 Apr 02 j 01:02	1°♏23'42	
	-6667 May 13 j 18:33	30°℞♎	
opposition	-6667 Jun 10 j 23:36	27°♎56'21	0°30'25
min. Earth dist.	-6667 Jun 11 j 09:10	27°♎54'28	8.34486 AU
direct	-6667 Aug 17 j 11:54	24°♎33'50	
	-6667 Nov 07 j 10:40	0°♏	
evening set	-6667 Nov 25 j 15:41	2°♏12'28	
conjunction	-6667 Dec 12 j 20:14	4°♏23'44	0°08'17
minimum elong	-6667 Dec 12 j 20:15	4°♏23'45	0°08'05
behind sun begin	-6667 Dec 12 j 13:53	4°♏21'43	
behind sun end	-6667 Dec 13 j 02:37	4°♏25'46	
max. Earth dist.	-6667 Dec 12 j 11:11	4°♏20'51	10.26743 AU
morning rise	-6667 Dec 30 j 06:08	6°♏36'48	
desc. node	-6666 Mar 14 j 15:54	13°♏52'49	
retrograde	-6666 Apr 16 j 10:43	14°♏47'52	
opposition	-6666 Jun 24 j 21:37	11°♏18'49	-0°11'36
min. Earth dist.	-6666 Jun 25 j 03:08	11°♏17'42	8.19058 AU
direct	-6666 Aug 30 j 19:29	7°♏55'05	
	-6666 Dec 03 j 12:07	15°♏	
evening set	-6666 Dec 09 j 10:08	15°♏44'51	
conjunction	-6666 Dec 26 j 19:41	17°♏59'47	-0°26'06
minimum elong	-6666 Dec 26 j 19:40	17°♏59'47	0°26'24
max. Earth dist.	-6666 Dec 26 j 15:47	17°♏58'32	10.11980 AU
morning rise	-6665 Jan 13 j 10:38	20°♏16'34	
retrograde	-6665 May 01 j 06:44	28°♏39'48	
opposition	-6665 Jul 09 j 03:58	25°♏09'17	-0°54'31
min. Earth dist.	-6665 Jul 09 j 04:43	25°♏09'08	8.05251 AU
direct	-6665 Sep 13 j 12:46	21°♏44'19	
evening set	-6665 Dec 23 j 19:20	29°♏45'18	
	-6665 Dec 25 j 16:45	0°♐	
conjunction	-6664 Jan 10 j 09:31	2°♐03'35	-0°59'53
minimum elong	-6664 Jan 10 j 09:28	2°♐03'34	1°00'15
max. Earth dist.	-6664 Jan 10 j 10:52	2°♐04'02	9.99263 AU
morning rise	-6664 Jan 28 j 04:59	4°♐23'39	
retrograde	-6664 May 15 j 11:12	12°♐57'04	
opposition	-6664 Jul 22 j 17:35	9°♐25'29	-1°35'29
min. Earth dist.	-6664 Jul 22 j 13:52	9°♐26'15	7.93959 AU
direct	-6664 Sep 26 j 15:00	5°♐59'13	
evening set	-6663 Jan 06 j 18:22	14°♐10'46	
conjunction	-6663 Jan 24 j 12:37	16°♐31'48	-1°30'46
minimum elong	-6663 Jan 24 j 12:33	16°♐31'47	1°31'12
max. Earth dist.	-6663 Jan 24 j 19:16	16°♐34'01	9.89449 AU
morning rise	-6663 Feb 11 j 11:44	18°♐54'28	
retrograde	-6663 May 30 j 21:07	27°♐34'57	
opposition	-6663 Aug 06 j 12:36	24°♐02'46	-2°11'20
min. Earth dist.	-6663 Aug 06 j 04:53	24°♐04'22	7.85962 AU
direct	-6663 Oct 11 j 03:18	20°♐35'17	
evening set	-6662 Jan 22 j 05:04	28°♐55'44	
	-6662 Jan 30 j 07:17	0°♑	
conjunction	-6662 Feb 09 j 02:34	1°♑18'42	-1°56'19
minimum elong	-6662 Feb 09 j 02:31	1°♑18'41	1°56'46
max. Earth dist.	-6662 Feb 09 j 14:17	1°♑22'37	9.83254 AU
morning rise	-6662 Feb 27 j 04:13	3°♑43'00	
retrograde	-6662 Jun 15 j 07:45	12°♑26'31	
opposition	-6662 Aug 21 j 10:28	8°♑54'15	-2°39'00
min. Earth dist.	-6662 Aug 20 j 23:26	8°♑56'33	7.81855 AU
direct	-6662 Oct 26 j 00:12	5°♑25'42	
evening set	-6661 Feb 06 j 23:41	13°♑52'23	
conjunction	-6661 Feb 24 j 23:41	16°♑16'19	-2°14'22
minimum elong	-6661 Feb 24 j 23:38	16°♑16'19	2°14'48
max. Earth dist.	-6661 Feb 25 j 15:53	16°♑21'45	9.81172 AU
morning rise	-6661 Mar 15 j 02:45	18°♑41'12	
retrograde	-6661 Jun 30 j 15:26	27°♑23'12	
opposition	-6661 Sep 05 j 08:28	23°♑51'18	-2°56'02
min. Earth dist.	-6661 Sep 04 j 18:47	23°♑54'11	7.81959 AU
direct	-6661 Nov 10 j 02:14	20°♑21'56	
evening set	-6660 Feb 22 j 21:32	28°♑51'20	
	-6660 Mar 02 j 13:37	0°♒	
conjunction	-6660 Mar 11 j 23:18	1°♒15'17	-2°23'23
minimum elong	-6660 Mar 11 j 23:18	1°♒15'16	2°23'47
max. Earth dist.	-6660 Mar 12 j 19:04	1°♒21'53	9.83365 AU
morning rise	-6660 Mar 30 j 02:49	3°♒39'41	
retrograde	-6660 Jul 14 j 16:45	12°♒15'32	
min. Earth dist.	-6660 Sep 18 j 11:54	8°♒47'49	7.86230 AU
opposition	-6660 Sep 19 j 03:36	8°♒44'31	-3°01'05
direct	-6660 Nov 24 j 06:20	5°♒14'36	
evening set	-6659 Mar 09 j 17:58	13°♒42'57	
	-6659 Mar 19 j 13:21	15°♒	
conjunction	-6659 Mar 27 j 20:41	16°♒05'56	-2°22'50
minimum elong	-6659 Mar 27 j 20:42	16°♒05'57	2°23'10
max. Earth dist.	-6659 Mar 28 j 18:30	16°♒13'10	9.89612 AU
morning rise	-6659 Apr 14 j 23:37	18°♒28'53	
retrograde	-6659 Jul 29 j 08:41	26°♒54'41	
opposition	-6659 Oct 03 j 17:09	23°♒24'55	-2°54'08
min. Earth dist.	-6659 Oct 03 j 00:23	23°♒28'25	7.94268 AU
direct	-6659 Dec 09 j 08:18	19°♒54'47	
evening set	-6658 Mar 25 j 08:11	28°♒18'32	
	-6658 Apr 07 j 09:21	0°♓	
conjunction	-6658 Apr 12 j 10:59	0°♓39'46	-2°13'06
minimum elong	-6658 Apr 12 j 11:02	0°♓39'48	2°13'21
max. Earth dist.	-6658 Apr 13 j 09:12	0°♓47'02	9.99344 AU
morning rise	-6658 Apr 30 j 12:30	3°♓00'29	
retrograde	-6658 Aug 12 j 14:48	11°♓13'33	
opposition	-6658 Oct 17 j 23:21	7°♓45'22	-2°36'22
min. Earth dist.	-6658 Oct 17 j 06:37	7°♓48'50	8.05376 AU
direct	-6658 Dec 24 j 05:17	4°♓15'24	
evening set	-6657 Apr 09 j 12:39	12°♓31'48	
conjunction	-6657 Apr 27 j 14:40	14°♓50'40	-1°55'25
minimum elong	-6657 Apr 27 j 14:45	14°♓50'41	1°55'35
max. Earth dist.	-6657 Apr 28 j 11:53	14°♓57'30	10.11764 AU
morning rise	-6657 May 15 j 13:59	17°♓08'36	
retrograde	-6657 Aug 26 j 10:03	25°♓07'37	
opposition	-6657 Oct 31 j 21:00	21°♓41'15	-2°09'47
min. Earth dist.	-6657 Oct 31 j 05:27	21°♓44'26	8.18756 AU
direct	-6656 Jan 07 j 19:36	18°♓11'50	
evening set	-6656 Apr 23 j 05:39	26°♓19'01	

Attention, astronomical year style is used: The year -6656 in astronomical counting style is the year 6657 BCE in historical counting style.

conjunction	-6656 May 11 j 05:53	28°♓35'02	-1°31'32
minimum elong	-6656 May 11 j 05:57	28°♓35'04	1°31'36
max. Earth dist.	-6656 May 12 j 00:59	28°♓41'05	10.26083 AU
	-6656 May 22 j 10:41	0°♈	
morning rise	-6656 May 29 j 02:14	0°♈49'48	
retrograde	-6656 Sep 07 j 16:59	8°♈34'27	
opposition	-6656 Nov 13 j 09:34	5°♈10'03	-1°36'51
min. Earth dist.	-6656 Nov 12 j 20:23	5°♈12'43	8.33671 AU
direct	-6655 Jan 21 j 01:51	1°♈41'28	
evening set	-6655 May 07 j 09:47	9°♈38'16	
conjunction	-6655 May 25 j 07:11	11°♈51'07	-1°03'24
minimum elong	-6655 May 25 j 07:14	11°♈51'08	1°03'21
max. Earth dist.	-6655 May 25 j 22:52	11°♈56'00	10.41544 AU
morning rise	-6655 Jun 11 j 23:56	14°♈02'30	
retrograde	-6655 Sep 20 j 12:18	21°♈33'21	
opposition	-6655 Nov 26 j 13:16	18°♈10'53	-1°00'05
min. Earth dist.	-6655 Nov 26 j 02:52	18°♈12'57	8.49365 AU
direct	-6654 Feb 03 j 22:57	14°♈43'20	
evening set	-6654 May 21 j 00:29	22°♈29'19	
conjunction	-6654 Jun 07 j 18:10	24°♈38'50	-0°32'56
minimum elong	-6654 Jun 07 j 18:11	24°♈38'51	0°32'48
max. Earth dist.	-6654 Jun 08 j 05:35	24°♈42'20	10.57367 AU
morning rise	-6654 Jun 25 j 06:50	26°♈46'47	
	-6654 Jul 23 j 20:21	0°♉	
retrograde	-6654 Oct 02 j 21:17	4°♉05'07	
opposition	-6654 Dec 09 j 08:15	0°♉44'26	-0°21'46
min. Earth dist.	-6654 Dec 09 j 00:34	0°♉45'56	8.65063 AU
	-6654 Dec 18 j 21:29	30°℞♈	
direct	-6653 Feb 17 j 10:15	27°♈18'04	
	-6653 Apr 17 j 09:03	0°♉	
evening set	-6653 Jun 03 j 02:25	4°♉53'27	
conjunction	-6653 Jun 20 j 15:49	6°♉59'41	-0°01'52
minimum elong	-6653 Jun 20 j 15:49	6°♉59'41	0°01'39
behind sun begin	-6653 Jun 20 j 08:39	6°♉57'32	
behind sun end	-6653 Jun 20 j 22:59	7°♉01'49	
max. Earth dist.	-6653 Jun 20 j 22:58	7°♉01'48	10.72791 AU
morning rise	-6653 Jul 08 j 00:00	9°♉04'18	
asc. node	-6653 Jul 13 j 00:58	9°♉39'43	
	-6653 Sep 07 j 16:23	15°♉	
retrograde	-6653 Oct 14 j 20:42	16°♉11'45	
	-6653 Nov 21 j 20:26	15°℞♉	
opposition	-6653 Dec 21 j 19:10	12°♉52'39	0°16'10
min. Earth dist.	-6653 Dec 21 j 13:55	12°♉53'39	8.80031 AU
direct	-6652 Mar 01 j 12:40	9°♉27'32	
	-6652 May 29 j 00:02	15°♉	
evening set	-6652 Jun 14 j 16:27	16°♉53'06	
conjunction	-6652 Jul 02 j 01:14	18°♉56'10	0°28'29
minimum elong	-6652 Jul 02 j 01:13	18°♉56'09	0°28'47
max. Earth dist.	-6652 Jul 02 j 05:00	18°♉57'17	10.87127 AU
morning rise	-6652 Jul 19 j 04:35	20°♉57'40	
retrograde	-6652 Oct 25 j 15:07	27°♉56'13	
opposition	-6651 Jan 01 j 23:34	24°♉38'27	0°52'11
min. Earth dist.	-6651 Jan 01 j 21:26	24°♉38'51	8.93635 AU
direct	-6651 Mar 14 j 05:10	21°♉14'38	
evening set	-6651 Jun 26 j 19:46	28°♉31'21	
	-6651 Jul 09 j 12:18	0°♊	
conjunction	-6651 Jul 13 j 23:40	0°♊31'34	0°56'47
minimum elong	-6651 Jul 13 j 23:37	0°♊31'33	0°57'10
max. Earth dist.	-6651 Jul 13 j 23:58	0°♊31'39	10.99797 AU
morning rise	-6651 Jul 30 j 22:14	2°♊30'16	
retrograde	-6651 Nov 06 j 02:26	9°♊21'56	
opposition	-6650 Jan 13 j 22:31	6°♊05'16	1°25'05
min. Earth dist.	-6650 Jan 14 j 00:09	6°♊04'57	9.05357 AU
direct	-6650 Mar 26 j 11:31	2°♊42'38	
evening set	-6650 Jul 08 j 14:05	9°♊51'52	
conjunction	-6650 Jul 25 j 13:02	11°♊49'33	1°22'15
minimum elong	-6650 Jul 25 j 12:59	11°♊49'32	1°22'39
max. Earth dist.	-6650 Jul 25 j 08:56	11°♊48'22	11.10352 AU
morning rise	-6650 Aug 11 j 07:17	13°♊45'55	
retrograde	-6650 Nov 17 j 09:08	20°♊32'44	
opposition	-6649 Jan 25 j 17:01	17°♊16'51	1°53'57
min. Earth dist.	-6649 Jan 25 j 22:15	17°♊15'53	9.14790 AU
direct	-6649 Apr 07 j 13:46	13°♊55'19	
evening set	-6649 Jul 20 j 00:53	20°♊58'30	
conjunction	-6649 Aug 05 j 19:17	22°♊54'06	1°44'08
minimum elong	-6649 Aug 05 j 19:14	22°♊54'06	1°44'34
max. Earth dist.	-6649 Aug 05 j 11:03	22°♊51'43	11.18448 AU
morning rise	-6649 Aug 22 j 09:41	24°♊48'35	
	-6649 Oct 15 j 21:53	0°♋	
retrograde	-6649 Nov 28 j 14:56	1°♋32'36	
	-6648 Jan 12 j 18:51	30°℞♊	
opposition	-6648 Feb 06 j 08:42	28°♊17'10	2°18'07
min. Earth dist.	-6648 Feb 06 j 16:16	28°♊15'47	9.21614 AU
direct	-6648 Apr 18 j 09:19	24°♊56'40	
	-6648 Jul 12 j 15:06	0°♋	
evening set	-6648 Jul 30 j 05:43	1°♋55'12	
conjunction	-6648 Aug 15 j 20:15	3°♋49'15	2°01'57
minimum elong	-6648 Aug 15 j 20:12	3°♋49'15	2°02'23
max. Earth dist.	-6648 Aug 15 j 09:42	3°♋46'13	11.23824 AU
morning rise	-6648 Sep 01 j 07:16	5°♋42'23	
retrograde	-6648 Dec 08 j 20:12	12°♋25'34	
opposition	-6647 Feb 16 j 22:59	9°♋10'18	2°37'03
min. Earth dist.	-6647 Feb 17 j 08:44	9°♋08'32	9.25616 AU
direct	-6647 Apr 29 j 23:58	5°♋50'41	
evening set	-6647 Aug 10 j 06:34	12°♋46'05	
conjunction	-6647 Aug 26 j 17:55	14°♋39'06	2°15'14
minimum elong	-6647 Aug 26 j 17:53	14°♋39'06	2°15'40
max. Earth dist.	-6647 Aug 26 j 05:02	14°♋35'24	11.26323 AU
morning rise	-6647 Sep 12 j 02:26	16°♋31'26	
retrograde	-6647 Dec 20 j 03:06	23°♋15'40	
opposition	-6646 Feb 28 j 13:12	20°♋00'17	2°50'19
min. Earth dist.	-6646 Mar 01 j 01:46	19°♋58'00	9.26683 AU
direct	-6646 May 11 j 11:05	16°♋41'21	
evening set	-6646 Aug 21 j 05:00	23°♋35'06	
conjunction	-6646 Sep 06 j 13:55	25°♋27'40	2°23'39
minimum elong	-6646 Sep 06 j 13:54	25°♋27'40	2°24'05
max. Earth dist.	-6646 Sep 05 j 21:49	25°♋23'01	11.25877 AU
morning rise	-6646 Sep 22 j 21:06	27°♋19'49	
	-6646 Oct 17 j 19:15	0°♌	
retrograde	-6646 Dec 31 j 10:27	4°♌06'55	
opposition	-6645 Mar 12 j 04:39	0°♌51'06	2°57'35
min. Earth dist.	-6645 Mar 12 j 19:36	0°♌48'23	9.24774 AU
	-6645 Mar 24 j 00:50	30°℞♋	
direct	-6645 May 22 j 20:27	27°♋32'39	
	-6645 Jul 18 j 20:47	0°♌	
evening set	-6645 Sep 01 j 02:50	4°♌26'15	
conjunction	-6645 Sep 17 j 10:22	6°♌18'57	2°26'57
minimum elong	-6645 Sep 17 j 10:22	6°♌18'57	2°27'21
max. Earth dist.	-6645 Sep 16 j 16:36	6°♌13'48	11.22488 AU
morning rise	-6645 Oct 03 j 17:09	8°♌11'30	
	-6644 Jan 03 j 19:29	15°♌	
retrograde	-6644 Jan 12 j 00:41	15°♌03'16	
	-6644 Jan 20 j 06:09	15°℞♌	

Attention, astronomical year style is used: The year -6644 in astronomical counting style is the year 6645 BCE in historical counting style.

opposition	-6644 Mar 22 j 22:39	11°♌46'42	2°58'33
min. Earth dist.	-6644 Mar 23 j 14:30	11°♌43'49	9.19931 AU
direct	-6644 Jun 02 j 08:27	8°♌28'33	
	-6644 Sep 07 j 15:23	15°♌	
evening set	-6644 Sep 11 j 01:48	15°♌23'25	
conjunction	-6644 Sep 27 j 09:11	17°♌16'53	2°24'55
minimum elong	-6644 Sep 27 j 09:12	17°♌16'53	2°25'15
max. Earth dist.	-6644 Sep 26 j 15:13	17°♌11'38	11.16251 AU
morning rise	-6644 Oct 13 j 16:30	19°♌10'26	
retrograde	-6643 Jan 22 j 20:05	26°♌08'34	
opposition	-6643 Apr 03 j 20:35	22°♌50'57	2°52'59
min. Earth dist.	-6643 Apr 04 j 12:32	22°♌48'02	9.12304 AU
direct	-6643 Jun 13 j 19:10	19°♌32'53	
evening set	-6643 Sep 22 j 03:46	26°♌30'27	
conjunction	-6643 Oct 08 j 11:58	28°♌25'16	2°17'24
minimum elong	-6643 Oct 08 j 12:00	28°♌25'17	2°17'39
max. Earth dist.	-6643 Oct 07 j 17:17	28°♌19'46	11.07358 AU
	-6643 Oct 21 j 22:29	0°♍	
morning rise	-6643 Oct 24 j 21:07	0°♍20'28	
retrograde	-6642 Feb 03 j 23:02	7°♍26'33	
opposition	-6642 Apr 15 j 23:37	4°♍07'38	2°40'43
min. Earth dist.	-6642 Apr 16 j 16:04	4°♍04'36	9.02130 AU
direct	-6642 Jun 25 j 09:31	0°♍49'23	
evening set	-6642 Oct 03 j 10:47	7°♍51'09	
conjunction	-6642 Oct 19 j 20:45	9°♍47'55	2°04'23
minimum elong	-6642 Oct 19 j 20:48	9°♍47'56	2°04'33
max. Earth dist.	-6642 Oct 19 j 01:26	9°♍42'09	10.96093 AU
morning rise	-6642 Nov 05 j 08:52	11°♍45'21	
retrograde	-6641 Feb 16 j 09:09	19°♍00'51	
opposition	-6641 Apr 28 j 08:39	15°♍40'25	2°21'45
min. Earth dist.	-6641 Apr 29 j 01:09	15°♍37'21	8.89749 AU
direct	-6641 Jul 07 j 03:56	12°♍21'43	
evening set	-6641 Oct 15 j 00:28	19°♍29'10	
conjunction	-6641 Oct 31 j 13:22	21°♍28'24	1°45'58
minimum elong	-6641 Oct 31 j 13:26	21°♍28'25	1°46'04
max. Earth dist.	-6641 Oct 30 j 19:06	21°♍22'52	10.82836 AU
morning rise	-6641 Nov 17 j 05:20	23°♍28'38	
	-6640 Jan 26 j 13:56	0°♎	
retrograde	-6640 Feb 29 j 04:39	0°♎54'56	
	-6640 Apr 03 j 10:20	30°℞♍	
opposition	-6640 May 10 j 00:55	27°♍32'46	1°56'15
min. Earth dist.	-6640 May 10 j 16:08	27°♍29'54	8.75594 AU
direct	-6640 Jul 18 j 05:51	24°♍13'24	
	-6640 Oct 13 j 11:45	0°♎	
evening set	-6640 Oct 25 j 22:46	1°♎27'54	
conjunction	-6640 Nov 11 j 15:33	3°♎30'08	1°22'27
minimum elong	-6640 Nov 11 j 15:37	3°♎30'09	1°22'29
max. Earth dist.	-6640 Nov 10 j 23:41	3°♎25'15	10.68042 AU
morning rise	-6640 Nov 28 j 12:04	5°♎33'37	
retrograde	-6639 Mar 13 j 12:15	13°♎11'52	
opposition	-6639 May 23 j 01:03	9°♎47'49	1°24'39
min. Earth dist.	-6639 May 23 j 13:46	9°♎45'24	8.60167 AU
direct	-6639 Jul 30 j 14:15	6°♎27'35	
evening set	-6639 Nov 07 j 07:53	13°♎50'32	
conjunction	-6639 Nov 24 j 05:08	15°♎56'09	0°54'27
minimum elong	-6639 Nov 24 j 05:11	15°♎56'10	0°54'23
max. Earth dist.	-6639 Nov 23 j 15:13	15°♎51'48	10.52244 AU
morning rise	-6639 Dec 11 j 06:50	18°♎03'17	
retrograde	-6638 Mar 27 j 07:00	25°♎54'16	
opposition	-6638 Jun 05 j 09:32	22°♎28'21	0°47'48
min. Earth dist.	-6638 Jun 05 j 19:44	22°♎26'22	8.44064 AU
direct	-6638 Aug 12 j 04:55	19°♎07'01	
evening set	-6638 Nov 20 j 05:27	26°♎39'50	
conjunction	-6638 Dec 07 j 07:29	28°♎49'07	0°22'52
minimum elong	-6638 Dec 07 j 07:30	28°♎49'07	0°22'42
max. Earth dist.	-6638 Dec 06 j 19:47	28°♎45'24	10.36112 AU
	-6638 Dec 16 j 15:05	0°♏	
morning rise	-6638 Dec 24 j 14:42	1°♏00'06	
retrograde	-6637 Apr 10 j 11:31	9°♏04'13	
opposition	-6637 Jun 19 j 03:06	5°♏36'32	0°07'02
min. Earth dist.	-6637 Jun 19 j 10:28	5°♏35'04	8.28070 AU
desc. node	-6637 Aug 20 j 23:29	2°♏14'59	
direct	-6637 Aug 25 j 06:56	2°♏13'57	
evening set	-6637 Dec 03 j 16:41	9°♏57'37	
conjunction	-6637 Dec 20 j 23:41	12°♏10'37	-0°11'00
minimum elong	-6637 Dec 20 j 23:41	12°♏10'37	0°11'15
behind sun begin	-6637 Dec 20 j 18:23	12°♏08'56	
behind sun end	-6637 Dec 21 j 04:58	12°♏12'18	
max. Earth dist.	-6637 Dec 20 j 15:33	12°♏08'01	10.20524 AU
morning rise	-6636 Jan 07 j 12:21	14°♏25'27	
	-6636 Jan 12 j 02:21	15°♏	
retrograde	-6636 Apr 24 j 02:28	22°♏42'19	
opposition	-6636 Jul 02 j 05:24	19°♏12'58	-0°35'41
min. Earth dist.	-6636 Jul 02 j 09:29	19°♏12'09	8.13142 AU
direct	-6636 Sep 06 j 19:21	15°♏49'00	
evening set	-6636 Dec 16 j 18:40	23°♏43'59	
conjunction	-6635 Jan 03 j 06:34	26°♏00'32	-0°45'12
minimum elong	-6635 Jan 03 j 06:32	26°♏00'31	0°45'32
max. Earth dist.	-6635 Jan 03 j 03:30	25°♏59'32	10.06449 AU
morning rise	-6635 Jan 21 j 00:06	28°♏18'55	
	-6635 Feb 03 j 10:03	0°♐	
retrograde	-6635 May 09 j 02:13	6°♐47'00	
opposition	-6635 Jul 16 j 15:15	3°♐16'16	-1°17'46
min. Earth dist.	-6635 Jul 16 j 15:21	3°♐16'15	8.00241 AU
	-6635 Sep 08 j 02:33	30°℞♏	
direct	-6635 Sep 20 j 17:46	29°♏50'51	
	-6635 Oct 03 j 07:38	0°♐	
evening set	-6635 Dec 31 j 10:55	7°♐56'53	
conjunction	-6634 Jan 18 j 03:17	10°♐16'30	-1°17'36
minimum elong	-6634 Jan 18 j 03:14	10°♐16'29	1°18'00
max. Earth dist.	-6634 Jan 18 j 05:59	10°♐17'24	9.94814 AU
morning rise	-6634 Feb 05 j 00:49	12°♐37'51	
retrograde	-6634 May 24 j 08:31	21°♐14'39	
opposition	-6634 Jul 31 j 07:23	17°♐42'53	-1°56'13
min. Earth dist.	-6634 Jul 31 j 03:00	17°♐43'47	7.90229 AU
direct	-6634 Oct 05 j 02:14	14°♐16'02	
evening set	-6633 Jan 15 j 15:42	22°♐31'54	
conjunction	-6633 Feb 02 j 11:47	24°♐53'54	-1°45'46
minimum elong	-6633 Feb 02 j 11:43	24°♐53'52	1°46'13
max. Earth dist.	-6633 Feb 02 j 20:24	24°♐56'46	9.86434 AU
morning rise	-6633 Feb 20 j 12:15	27°♐17'22	
	-6633 Mar 14 j 00:28	0°♑	
retrograde	-6633 Jun 08 j 17:48	5°♑59'20	
opposition	-6633 Aug 15 j 03:35	2°♑27'00	-2°27'51
min. Earth dist.	-6633 Aug 14 j 18:51	2°♑28'49	7.83810 AU
	-6633 Sep 16 j 18:17	30°℞♐	
direct	-6633 Oct 19 j 19:10	28°♐58'50	
	-6633 Nov 21 j 10:41	0°♑	
evening set	-6632 Jan 31 j 06:19	7°♑22'21	
conjunction	-6632 Feb 18 j 05:22	9°♑45'52	-2°07'23
minimum elong	-6632 Feb 18 j 05:19	9°♑45'50	2°07'50
max. Earth dist.	-6632 Feb 18 j 19:21	9°♑50'33	9.81925 AU

Attention, astronomical year style is used: The year -6632 in astronomical counting style is the year 6633 BCE in historical counting style.

morning rise	-6632 Mar 07 j 07:45	12°♑10'27	
retrograde	-6632 Jun 23 j 02:22	20°♑53'15	
opposition	-6632 Aug 29 j 01:05	17°♑20'52	-2°49'55
min. Earth dist.	-6632 Aug 28 j 12:47	17°♑23'27	7.81441 AU
direct	-6632 Nov 02 j 17:44	13°♑51'35	
evening set	-6631 Feb 15 j 02:37	22°♑19'44	
conjunction	-6631 Mar 05 j 03:48	24°♑43'46	-2°20'36
minimum elong	-6631 Mar 05 j 03:47	24°♑43'46	2°21'01
max. Earth dist.	-6631 Mar 05 j 21:56	24°♑49'51	9.81612 AU
morning rise	-6631 Mar 23 j 07:03	27°♑08'27	
	-6631 Apr 14 j 23:54	0°♒	
retrograde	-6631 Jul 08 j 06:57	5°♒47'29	
opposition	-6631 Sep 12 j 21:18	2°♒15'35	-3°00'30
min. Earth dist.	-6631 Sep 12 j 06:38	2°♒18'41	7.83267 AU
	-6631 Oct 12 j 02:27	30°℞♑	
direct	-6631 Nov 17 j 19:33	28°♑45'28	
	-6631 Dec 24 j 06:25	0°♒	
evening set	-6630 Mar 02 j 23:40	7°♒14'38	
conjunction	-6630 Mar 21 j 02:06	9°♒38'13	-2°24'24
minimum elong	-6630 Mar 21 j 02:07	9°♒38'14	2°24'46
max. Earth dist.	-6630 Mar 21 j 22:53	9°♒45'08	9.85494 AU
morning rise	-6630 Apr 08 j 05:16	12°♒01'59	
	-6630 May 01 j 23:53	15°♒	
retrograde	-6630 Jul 23 j 04:10	20°♒33'00	
opposition	-6630 Sep 27 j 13:25	17°♒02'06	-2°58'57
min. Earth dist.	-6630 Sep 26 j 21:38	17°♒05'25	7.89128 AU
	-6630 Oct 23 j 10:45	15°℞♒	
direct	-6630 Dec 02 j 21:31	13°♒31'30	
	-6629 Jan 12 j 02:38	15°♒	
evening set	-6629 Mar 18 j 16:52	21°♒57'59	
conjunction	-6629 Apr 05 j 19:44	24°♒20'15	-2°18'44
minimum elong	-6629 Apr 05 j 19:47	24°♒20'16	2°19'01
max. Earth dist.	-6629 Apr 06 j 17:32	24°♒27'25	9.93264 AU
morning rise	-6629 Apr 23 j 22:01	26°♒42'13	
	-6629 May 20 j 20:16	0°♓	
retrograde	-6629 Aug 06 j 15:46	5°♓01'50	
opposition	-6629 Oct 11 j 23:05	1°♓32'20	-2°45'53
min. Earth dist.	-6629 Oct 11 j 07:08	1°♓35'39	7.98578 AU
	-6629 Oct 31 j 01:47	30°℞♒	
direct	-6629 Dec 17 j 21:07	28°♒01'39	
	-6628 Feb 03 j 05:08	0°♓	
evening set	-6628 Apr 02 j 02:09	6°♓22'11	
conjunction	-6628 Apr 20 j 04:38	8°♓42'22	-2°04'28
minimum elong	-6628 Apr 20 j 04:42	8°♓42'24	2°04'40
max. Earth dist.	-6628 Apr 21 j 01:53	8°♓49'16	10.04336 AU
morning rise	-6628 May 08 j 05:14	11°♓01'50	
retrograde	-6628 Aug 19 j 15:26	19°♓07'51	
min. Earth dist.	-6628 Oct 24 j 09:22	15°♓43'16	8.10937 AU
opposition	-6628 Oct 25 j 00:47	15°♓40'05	-2°23'01
direct	-6628 Dec 31 j 16:14	12°♓09'46	
evening set	-6627 Apr 17 j 00:39	20°♓21'49	
conjunction	-6627 May 05 j 01:45	22°♓39'20	-1°43'09
minimum elong	-6627 May 05 j 01:49	22°♓39'21	1°43'16
max. Earth dist.	-6627 May 05 j 21:17	22°♓45'34	10.17932 AU
morning rise	-6627 May 22 j 23:48	24°♓55'46	
	-6627 Jul 07 j 11:47	0°♈	
retrograde	-6627 Sep 02 j 02:06	2°♈47'19	
	-6627 Oct 30 j 18:59	30°℞♓	
opposition	-6627 Nov 07 j 17:30	29°♓21'28	-1°52'38
min. Earth dist.	-6627 Nov 07 j 02:52	29°♓24'26	8.25399 AU
direct	-6626 Jan 15 j 03:14	25°♓51'55	
	-6626 Mar 28 j 09:55	0°♈	

evening set	-6626 May 01 j 10:30	3°♈53'49	
conjunction	-6626 May 19 j 09:20	6°♈08'15	-1°16'42
minimum elong	-6626 May 19 j 09:24	6°♈08'16	1°16'43
max. Earth dist.	-6626 May 20 j 02:39	6°♈13'42	10.33203 AU
morning rise	-6626 Jun 06 j 04:03	8°♈21'20	
retrograde	-6626 Sep 15 j 02:25	15°♈58'38	
min. Earth dist.	-6626 Nov 20 j 11:50	12°♈37'24	8.41113 AU
opposition	-6626 Nov 21 j 00:58	12°♈34'46	-1°17'17
direct	-6625 Jan 29 j 04:09	9°♈06'18	
evening set	-6625 May 15 j 07:04	16°♈57'21	
conjunction	-6625 Jun 02 j 02:46	19°♈08'30	-0°47'03
minimum elong	-6625 Jun 02 j 02:48	19°♈08'30	0°46'57
max. Earth dist.	-6625 Jun 02 j 17:31	19°♈13'03	10.49276 AU
morning rise	-6625 Jun 19 j 17:29	21°♈18'06	
retrograde	-6625 Sep 27 j 17:46	28°♈42'07	
opposition	-6625 Dec 03 j 23:38	25°♈20'16	-0°39'22
min. Earth dist.	-6625 Dec 03 j 13:10	25°♈22'19	8.57231 AU
direct	-6624 Feb 11 j 17:58	21°♈53'04	
evening set	-6624 May 27 j 14:47	29°♈33'18	
	-6624 May 31 j 08:11	0°♉	
conjunction	-6624 Jun 14 j 06:27	1°♉41'06	-0°16'02
minimum elong	-6624 Jun 14 j 06:28	1°♉41'06	0°15'51
behind sun begin	-6624 Jun 14 j 05:45	1°♉40'54	
behind sun end	-6624 Jun 14 j 07:10	1°♉41'19	
max. Earth dist.	-6624 Jun 14 j 17:36	1°♉44'29	10.65315 AU
morning rise	-6624 Jul 01 j 16:40	3°♉47'16	
retrograde	-6624 Oct 08 j 21:25	10°♉59'33	
opposition	-6624 Dec 15 j 14:10	7°♉39'36	-0°01'00
min. Earth dist.	-6624 Dec 15 j 07:16	7°♉40'56	8.72971 AU
asc. node	-6624 Dec 25 j 09:41	6°♉54'19	
direct	-6623 Feb 23 j 23:58	4°♉13'49	
evening set	-6623 Jun 09 j 10:18	11°♉43'50	
conjunction	-6623 Jun 26 j 21:15	13°♉48'20	0°14'51
minimum elong	-6623 Jun 26 j 21:15	13°♉48'20	0°15'08
behind sun begin	-6623 Jun 26 j 18:52	13°♉47'38	
behind sun end	-6623 Jun 26 j 23:38	13°♉49'03	
max. Earth dist.	-6623 Jun 27 j 03:46	13°♉50'17	10.80586 AU
	-6623 Jul 06 j 21:11	15°♉	
morning rise	-6623 Jul 14 j 02:50	15°♉51'16	
retrograde	-6623 Oct 20 j 17:39	22°♉53'42	
opposition	-6623 Dec 27 j 21:38	19°♉35'25	0°36'06
min. Earth dist.	-6623 Dec 27 j 18:04	19°♉36'06	8.87647 AU
direct	-6622 Mar 08 j 20:50	16°♉11'05	
evening set	-6622 Jun 21 j 18:29	23°♉31'47	
conjunction	-6622 Jul 09 j 00:32	25°♉33'16	0°44'12
minimum elong	-6622 Jul 09 j 00:30	25°♉33'15	0°44'33
max. Earth dist.	-6622 Jul 09 j 02:23	25°♉33'48	10.94453 AU
morning rise	-6622 Jul 26 j 01:28	27°♉33'14	
	-6622 Aug 17 j 04:37	0°♊	
retrograde	-6622 Nov 01 j 07:38	4°♊27'51	
opposition	-6621 Jan 08 j 22:58	1°♊10'55	1°10'34
min. Earth dist.	-6621 Jan 08 j 22:10	1°♊11'04	9.00649 AU
	-6621 Jan 25 j 00:25	30°℞♉	
direct	-6621 Mar 21 j 08:39	27°♉48'00	
	-6621 May 14 j 05:43	0°♊	
evening set	-6621 Jul 03 j 17:05	5°♊00'35	
conjunction	-6621 Jul 20 j 18:18	6°♊59'22	1°11'05
minimum elong	-6621 Jul 20 j 18:15	6°♊59'21	1°11'29
max. Earth dist.	-6621 Jul 20 j 16:40	6°♊58'53	11.06369 AU
morning rise	-6621 Aug 06 j 14:34	8°♊56'45	
retrograde	-6621 Nov 12 j 17:51	15°♊45'34	

Attention, astronomical year style is used: The year -6620 in astronomical counting style is the year 6621 BCE in historical counting style.

opposition	-6620 Jan	20 j 19:29	12°♊29'42	1°41'23		-6614 Jun	22 j 05:58	15°♌	
min. Earth dist.	-6620 Jan	20 j 21:39	12°♊29'17	9.11478 AU	evening set	-6614 Sep	17 j 15:49	21°♌48'08	
direct	-6620 Apr	01 j 13:35	9°♊08'05						
evening set	-6620 Jul	14 j 07:33	16°♊13'54		conjunction	-6614 Oct	03 j 23:29	23°♌42'21	2°21'23
					minimum elong	-6614 Oct	03 j 23:30	23°♌42'21	2°21'41
conjunction	-6620 Jul	31 j 04:07	18°♊10'23	1°34'42	max. Earth dist.	-6614 Oct	03 j 02:56	23°♌36'18	11.11040 AU
minimum elong	-6620 Jul	31 j 04:04	18°♊10'22	1°35'07	morning rise	-6614 Oct	20 j 07:50	25°♌36'49	
max. Earth dist.	-6620 Jul	30 j 23:13	18°♊08'57	11.15894 AU		-6614 Dec	02 j 01:06	0°♍	
morning rise	-6620 Aug	16 j 20:04	20°♊05'37		retrograde	-6613 Jan	29 j 22:26	2°♍39'28	
retrograde	-6620 Nov	23 j 01:11	26°♊50'40			-6613 Apr	02 j 02:12	30°℞♌	
opposition	-6619 Jan	31 j 12:50	23°♊35'30	2°07'46	opposition	-6613 Apr	10 j 23:42	29°♌21'03	2°47'01
min. Earth dist.	-6619 Jan	31 j 18:52	23°♊34'24	9.19742 AU	min. Earth dist.	-6613 Apr	11 j 17:44	29°♌17'44	9.06130 AU
direct	-6619 Apr	13 j 10:32	20°♊15'02		direct	-6613 Jun	20 j 16:37	26°♌02'39	
evening set	-6619 Jul	25 j 15:21	27°♊15'29			-6613 Aug	31 j 21:59	0°♍	
					evening set	-6613 Sep	28 j 20:21	3°♍02'49	
conjunction	-6619 Aug	11 j 07:33	29°♊10'09	1°54'25	max. Earth dist.	-6613 Oct	14 j 09:53	4°♍52'54	11.00329 AU
minimum elong	-6619 Aug	11 j 07:30	29°♊10'08	1°54'50					
max. Earth dist.	-6619 Aug	10 j 22:13	29°♊07'27	11.22682 AU	conjunction	-6613 Oct	15 j 05:33	4°♍58'45	2°10'50
	-6619 Aug	18 j 12:28	0°♋		minimum elong	-6613 Oct	15 j 05:36	4°♍58'46	2°11'03
morning rise	-6619 Aug	27 j 19:58	1°♋03'47		morning rise	-6613 Oct	31 j 16:11	6°♍55'14	
retrograde	-6619 Dec	04 j 05:19	7°♋47'04		retrograde	-6612 Feb	11 j 06:16	14°♍06'45	
opposition	-6618 Feb	12 j 04:01	4°♋32'15	2°29'07	opposition	-6612 Apr	22 j 06:08	10°♍46'42	2°31'03
min. Earth dist.	-6618 Feb	12 j 13:43	4°♋30'29	9.25120 AU	min. Earth dist.	-6612 Apr	22 j 23:06	10°♍43'33	8.94238 AU
direct	-6618 Apr	25 j 03:21	1°♋12'42		direct	-6612 Jul	01 j 09:21	7°♍27'51	
evening set	-6618 Aug	05 j 18:18	8°♋09'22		evening set	-6612 Oct	09 j 06:55	14°♍33'03	
conjunction	-6618 Aug	22 j 06:52	10°♋02'44	2°09'47	conjunction	-6612 Oct	25 j 18:33	16°♍31'17	1°54'49
minimum elong	-6618 Aug	22 j 06:50	10°♋02'44	2°10'13	minimum elong	-6612 Oct	25 j 18:37	16°♍31'18	1°54'57
max. Earth dist.	-6618 Aug	21 j 17:39	9°♋58'56	11.26469 AU	max. Earth dist.	-6612 Oct	24 j 23:28	16°♍25'32	10.87483 AU
morning rise	-6618 Sep	07 j 16:33	11°♋55'19		morning rise	-6612 Nov	11 j 08:37	18°♍30'20	
retrograde	-6618 Dec	15 j 11:25	18°♋38'51		retrograde	-6611 Feb	22 j 21:55	25°♍52'11	
opposition	-6617 Feb	23 j 18:13	15°♋24'01	2°44'59	opposition	-6611 May	04 j 19:14	22°♍30'20	2°08'26
min. Earth dist.	-6617 Feb	24 j 06:29	15°♋21'47	9.27389 AU	min. Earth dist.	-6611 May	05 j 11:07	22°♍27'21	8.80427 AU
direct	-6617 May	06 j 17:44	12°♋05'11		direct	-6611 Jul	13 j 07:00	19°♍10'46	
evening set	-6617 Aug	16 j 18:04	18°♋59'37		evening set	-6611 Oct	21 j 01:18	26°♍22'32	
conjunction	-6617 Sep	02 j 04:00	20°♋52'19	2°20'26	conjunction	-6611 Nov	06 j 16:16	28°♍23'34	1°33'31
minimum elong	-6617 Sep	02 j 03:58	20°♋52'19	2°20'52	minimum elong	-6611 Nov	06 j 16:20	28°♍23'35	1°33'35
max. Earth dist.	-6617 Sep	01 j 12:39	20°♋47'53	11.27118 AU	max. Earth dist.	-6611 Nov	05 j 21:47	28°♍17'56	10.72973 AU
morning rise	-6617 Sep	18 j 11:38	22°♋44'27			-6611 Nov	19 j 21:06	0°♎	
retrograde	-6617 Dec	26 j 19:36	29°♋30'08		morning rise	-6611 Nov	23 j 10:48	0°♎25'45	
opposition	-6616 Mar	06 j 09:18	26°♋14'55	2°55'00	retrograde	-6610 Mar	08 j 00:13	7°♎59'10	
min. Earth dist.	-6616 Mar	06 j 23:21	26°♋12'22	9.26495 AU	opposition	-6610 May	17 j 16:00	4°♎35'24	1°39'28
direct	-6616 May	17 j 04:36	22°♋56'37		min. Earth dist.	-6610 May	18 j 06:39	4°♎32'37	8.65220 AU
evening set	-6616 Aug	26 j 16:20	29°♋50'17		direct	-6610 Jul	25 j 11:53	1°♎14'58	
	-6616 Aug	28 j 02:36	0°♌		evening set	-6610 Nov	02 j 05:29	8°♎34'42	
max. Earth dist.	-6616 Sep	11 j 07:07	1°♌37'52	11.24662 AU	max. Earth dist.	-6610 Nov	18 j 08:30	10°♎33'59	10.57359 AU
conjunction	-6616 Sep	12 j 00:29	1°♌42'53	2°26'04	conjunction	-6610 Nov	19 j 00:37	10°♎38'59	1°07'25
minimum elong	-6616 Sep	12 j 00:29	1°♌42'53	2°26'28	minimum elong	-6610 Nov	19 j 00:40	10°♎39'00	1°07'23
morning rise	-6616 Sep	28 j 07:09	3°♌35'10		morning rise	-6610 Dec	06 j 00:09	12°♎44'42	
retrograde	-6615 Jan	06 j 08:28	10°♌24'51		retrograde	-6609 Mar	21 j 12:46	20°♎30'38	
opposition	-6615 Mar	18 j 02:34	7°♌08'54	2°58'50	opposition	-6609 May	30 j 21:00	17°♎04'57	1°04'47
min. Earth dist.	-6615 Mar	18 j 18:46	7°♌05'57	9.22533 AU	min. Earth dist.	-6609 May	31 j 09:16	17°♎02'35	8.49251 AU
direct	-6615 May	28 j 15:00	3°♌50'50		direct	-6609 Aug	07 j 00:17	13°♎43'29	
evening set	-6615 Sep	06 j 15:07	10°♌45'12		evening set	-6609 Nov	14 j 21:17	21°♎12'31	
conjunction	-6615 Sep	22 j 22:24	12°♌38'19	2°26'26	conjunction	-6609 Dec	01 j 21:15	23°♎20'22	0°37'15
minimum elong	-6615 Sep	22 j 22:24	12°♌38'19	2°26'48	minimum elong	-6609 Dec	01 j 21:16	23°♎20'23	0°37'08
max. Earth dist.	-6615 Sep	22 j 02:41	12°♌32'34	11.19238 AU	max. Earth dist.	-6609 Dec	01 j 08:56	23°♎16'29	10.41317 AU
morning rise	-6615 Oct	09 j 05:24	14°♌31'24		morning rise	-6609 Dec	19 j 02:05	25°♎29'51	
	-6615 Oct	13 j 10:21	15°♌			-6608 Jan	28 j 02:42	0°♏	
retrograde	-6614 Jan	17 j 23:08	21°♌26'42		retrograde	-6608 Apr	03 j 12:03	3°♏28'51	
opposition	-6614 Mar	29 j 22:55	18°♌09'41	2°56'14	opposition	-6608 Jun	12 j 10:49	0°♏01'18	0°25'30
min. Earth dist.	-6614 Mar	30 j 16:50	18°♌06'25	9.15670 AU		-6608 Jun	12 j 17:25	30°℞♎	
	-6614 May	26 j 20:16	15°℞♌		min. Earth dist.	-6608 Jun	12 j 19:25	29°♎59'36	8.33261 AU
direct	-6614 Jun	09 j 01:24	14°♌51'34		direct	-6608 Aug	18 j 23:05	26°♎38'41	

Attention, astronomical year style is used: The year -6608 in astronomical counting style is the year 6609 BCE in historical counting style.

	-6608 Oct 20 j 13:09	0°♏		
evening set	-6608 Nov 27 j 02:23	4°♏18'03		
conjunction	-6608 Dec 14 j 07:24	6°♏29'38	0°04'16	
minimum elong	-6608 Dec 14 j 07:24	6°♏29'37	0°04'03	
behind sun begin	-6608 Dec 14 j 00:20	6°♏27'23		
behind sun end	-6608 Dec 14 j 14:28	6°♏31'52		
max. Earth dist.	-6608 Dec 13 j 23:30	6°♏27'07	10.25622 AU	
morning rise	-6608 Dec 31 j 17:37	8°♏42'57		
desc. node	-6607 Jan 30 j 04:36	12°♏12'11		
	-6607 Mar 01 j 01:32	15°♏		
retrograde	-6607 Apr 17 j 23:30	16°♏54'51		
	-6607 Jun 05 j 22:29	15°℞♏		
opposition	-6607 Jun 26 j 09:22	13°♏25'36	-0°16'40	
min. Earth dist.	-6607 Jun 26 j 13:42	13°♏24'44	8.18068 AU	
direct	-6607 Sep 01 j 06:13	10°♏01'45		
	-6607 Nov 17 j 08:03	15°♏		
evening set	-6607 Dec 10 j 21:59	17°♏52'09		
conjunction	-6607 Dec 28 j 07:52	20°♏07'20	-0°30'08	
minimum elong	-6607 Dec 28 j 07:50	20°♏07'19	0°30'26	
max. Earth dist.	-6607 Dec 28 j 04:23	20°♏06'12	10.11122 AU	
morning rise	-6606 Jan 14 j 23:11	22°♏24'20		
	-6606 Apr 02 j 12:53	0°♐		
retrograde	-6606 May 02 j 20:41	0°♐48'06		
	-6606 Jun 02 j 08:02	30°℞♏		
opposition	-6606 Jul 10 j 16:00	27°♏17'27	-0°59'25	
min. Earth dist.	-6606 Jul 10 j 16:05	27°♏17'26	8.04549 AU	
direct	-6606 Sep 14 j 23:00	23°♏52'18		
	-6606 Dec 10 j 06:21	0°♐		
evening set	-6606 Dec 25 j 08:03	1°♐53'51		
conjunction	-6605 Jan 11 j 22:26	4°♐12'16	-1°03'38	
minimum elong	-6605 Jan 11 j 22:22	4°♐12'15	1°04'01	
max. Earth dist.	-6605 Jan 11 j 23:41	4°♐12'41	9.98711 AU	
morning rise	-6605 Jan 29 j 18:13	6°♐32'29		
retrograde	-6605 May 18 j 01:19	15°♐06'06		
opposition	-6605 Jul 25 j 05:48	11°♐34'25	-1°39'53	
min. Earth dist.	-6605 Jul 25 j 01:57	11°♐35'12	7.93579 AU	
direct	-6605 Sep 29 j 02:34	8°♐07'59		
evening set	-6604 Jan 09 j 07:33	16°♐19'54		
conjunction	-6604 Jan 27 j 01:55	18°♐40'59	-1°33'59	
minimum elong	-6604 Jan 27 j 01:51	18°♐40'58	1°34'24	
max. Earth dist.	-6604 Jan 27 j 08:26	18°♐43'09	9.89233 AU	
morning rise	-6604 Feb 14 j 01:17	21°♐03'41		
retrograde	-6604 Jun 01 j 10:11	29°♐44'03		
opposition	-6604 Aug 08 j 00:43	26°♐11'48	-2°14'53	
min. Earth dist.	-6604 Aug 07 j 17:11	26°♐13'22	7.85925 AU	
direct	-6604 Oct 12 j 16:29	22°♐44'10		
	-6603 Jan 15 j 10:39	0°♑		
evening set	-6603 Jan 23 j 18:30	1°♑04'45		
conjunction	-6603 Feb 10 j 16:09	3°♑27'42	-1°58'45	
minimum elong	-6603 Feb 10 j 16:06	3°♑27'41	1°59'11	
max. Earth dist.	-6603 Feb 11 j 03:51	3°♑31'37	9.83382 AU	
morning rise	-6603 Feb 28 j 17:57	5°♑51'57		
retrograde	-6603 Jun 16 j 19:06	14°♑34'59		
opposition	-6603 Aug 22 j 22:10	11°♑02'41	-2°41'26	
min. Earth dist.	-6603 Aug 22 j 11:16	11°♑04'58	7.82154 AU	
direct	-6603 Oct 27 j 13:24	7°♑34'02		
evening set	-6602 Feb 08 j 13:02	16°♑00'35		
conjunction	-6602 Feb 26 j 13:11	18°♑24'27	-2°15'50	
minimum elong	-6602 Feb 26 j 13:09	18°♑24'26	2°16'15	
max. Earth dist.	-6602 Feb 27 j 05:37	18°♑29'57	9.81624 AU	
morning rise	-6602 Mar 16 j 16:17	20°♑49'12		
retrograde	-6602 Jul 02 j 01:36	29°♑30'23		
opposition	-6602 Sep 06 j 19:35	25°♑58'32	-2°57'11	
min. Earth dist.	-6602 Sep 06 j 05:40	26°♑01'28	7.82562 AU	
direct	-6602 Nov 11 j 14:39	22°♑29'06		
	-6601 Feb 16 j 22:44	0°♒		
evening set	-6601 Feb 24 j 10:21	0°♒58'06		
conjunction	-6601 Mar 14 j 12:15	3°♒21'55	-2°23'49	
minimum elong	-6601 Mar 14 j 12:14	3°♒21'55	2°24'12	
max. Earth dist.	-6601 Mar 15 j 08:34	3°♒28'42	9.84109 AU	
morning rise	-6601 Apr 01 j 15:38	5°♒46'07		
retrograde	-6601 Jul 17 j 02:22	14°♒20'58		
opposition	-6601 Sep 21 j 13:57	10°♒50'01	-3°00'55	
min. Earth dist.	-6601 Sep 20 j 21:40	10°♒53'26	7.87107 AU	
direct	-6601 Nov 26 j 17:22	7°♒20'06		
	-6600 Mar 05 j 01:08	15°♒		
evening set	-6600 Mar 11 j 06:00	15°♒47'49		
conjunction	-6600 Mar 29 j 08:50	18°♒10'39	-2°22'13	
minimum elong	-6600 Mar 29 j 08:51	18°♒10'39	2°22'33	
max. Earth dist.	-6600 Mar 30 j 07:29	18°♒18'08	9.90625 AU	
morning rise	-6600 Apr 16 j 11:36	20°♒33'22		
retrograde	-6600 Jul 30 j 18:32	28°♒57'58		
min. Earth dist.	-6600 Oct 04 j 09:21	25°♒31'56	7.95403 AU	
opposition	-6600 Oct 05 j 02:40	25°♒28'19	-2°52'44	
direct	-6600 Dec 10 j 18:18	21°♒58'14		
	-6599 Mar 24 j 00:53	0°♓		
evening set	-6599 Mar 26 j 19:20	0°♓21'10		
conjunction	-6599 Apr 13 j 22:10	2°♓42'11	-2°11'34	
minimum elong	-6599 Apr 13 j 22:14	2°♓42'12	2°11'49	
max. Earth dist.	-6599 Apr 14 j 21:12	2°♓49'42	10.00615 AU	
morning rise	-6599 May 01 j 23:27	5°♓02'38		
retrograde	-6599 Aug 14 j 00:06	13°♓14'19		
opposition	-6599 Oct 19 j 07:58	9°♓46'17	-2°33'55	
min. Earth dist.	-6599 Oct 18 j 15:10	9°♓49'46	8.06758 AU	
direct	-6599 Dec 25 j 15:09	6°♓16'24		
evening set	-6598 Apr 10 j 22:39	14°♓31'46		
conjunction	-6598 Apr 29 j 00:32	16°♓50'20	-1°53'09	
minimum elong	-6598 Apr 29 j 00:36	16°♓50'21	1°53'17	
max. Earth dist.	-6598 Apr 29 j 22:02	16°♓57'15	10.13254 AU	
morning rise	-6598 May 16 j 23:35	19°♓07'57		
retrograde	-6598 Aug 27 j 17:02	27°♓05'29		
opposition	-6598 Nov 02 j 04:39	23°♓39'19	-2°06'32	
min. Earth dist.	-6598 Nov 01 j 13:45	23°♓42'22	8.20306 AU	
direct	-6597 Jan 09 j 04:48	20°♓09'59		
evening set	-6597 Apr 25 j 14:15	28°♓16'01		
	-6597 May 09 j 09:53	0°♈		
conjunction	-6597 May 13 j 14:12	0°♈31'43	-1°28'42	
minimum elong	-6597 May 13 j 14:16	0°♈31'44	1°28'45	
max. Earth dist.	-6597 May 14 j 08:37	0°♈37'32	10.27661 AU	
morning rise	-6597 May 31 j 10:21	2°♈46'10		
retrograde	-6597 Sep 09 j 22:39	10°♈29'26		
opposition	-6597 Nov 15 j 16:10	7°♈05'14	-1°33'04	
min. Earth dist.	-6597 Nov 15 j 03:53	7°♈07'43	8.35234 AU	
direct	-6596 Jan 23 j 09:48	3°♈36'45		
evening set	-6596 May 08 j 17:04	11°♈32'29		
conjunction	-6596 May 26 j 14:09	13°♈45'02	-1°00'13	
minimum elong	-6596 May 26 j 14:12	13°♈45'03	1°00'10	
max. Earth dist.	-6596 May 27 j 04:23	13°♈49'28	10.43057 AU	
morning rise	-6596 Jun 13 j 06:45	15°♈56'08		
retrograde	-6596 Sep 21 j 17:12	23°♈25'50		
opposition	-6596 Nov 27 j 18:55	20°♈03'34	-0°56'00	
min. Earth dist.	-6596 Nov 27 j 08:57	20°♈05'32	8.50800 AU	

Attention, astronomical year style is used: The year -6595 in astronomical counting style is the year 6596 BCE in historical counting style.

direct	-6595 Feb 05 j 05:49	16°♈36'09		
evening set	-6595 May 22 j 06:42	24°♈21'14		
conjunction	-6595 Jun 09 j 00:06	26°♈30'29	-0°29'34	
minimum elong	-6595 Jun 09 j 00:07	26°♈30'30	0°29'25	
max. Earth dist.	-6595 Jun 09 j 10:28	26°♈33'39	10.58696 AU	
morning rise	-6595 Jun 26 j 12:30	28°♈38'12		
	-6595 Jul 08 j 03:09	0°♉		
retrograde	-6595 Oct 04 j 00:41	5°♉55'39		
opposition	-6595 Dec 10 j 13:13	2°♉35'08	-0°17'35	
min. Earth dist.	-6595 Dec 10 j 05:32	2°♉36'38	8.66268 AU	
	-6594 Jan 17 j 06:33	30°℞♈		
direct	-6594 Feb 18 j 17:30	29°♈08'56		
	-6594 Mar 22 j 23:39	0°♉		
asc. node	-6594 Jun 02 j 15:13	6°♉31'43		
evening set	-6594 Jun 04 j 07:43	6°♉43'37		
conjunction	-6594 Jun 21 j 20:52	8°♉49'37	0°01'37	
minimum elong	-6594 Jun 21 j 20:53	8°♉49'37	0°01'51	
behind sun begin	-6594 Jun 21 j 13:43	8°♉47'29		
behind sun end	-6594 Jun 22 j 04:02	8°♉51'45		
max. Earth dist.	-6594 Jun 22 j 03:50	8°♉51'41	10.73856 AU	
morning rise	-6594 Jul 09 j 04:39	10°♉54'01		
	-6594 Aug 16 j 10:47	15°♉		
retrograde	-6594 Oct 16 j 01:50	18°♉00'55		
	-6594 Dec 19 j 01:50	15°℞♉		
opposition	-6594 Dec 22 j 23:47	14°♉41'58	0°20'16	
min. Earth dist.	-6594 Dec 22 j 18:58	14°♉42'54	8.80948 AU	
direct	-6593 Mar 03 j 17:44	11°♉17'01		
	-6593 May 13 j 11:33	15°♉		
evening set	-6593 Jun 16 j 21:06	18°♉42'04		
conjunction	-6593 Jul 04 j 05:35	20°♉44'59	0°31'45	
minimum elong	-6593 Jul 04 j 05:34	20°♉44'58	0°32'04	
max. Earth dist.	-6593 Jul 04 j 09:05	20°♉46'01	10.87877 AU	
morning rise	-6593 Jul 21 j 08:32	22°♉46'18		
retrograde	-6593 Oct 27 j 19:18	29°♉44'32		
opposition	-6592 Jan 04 j 04:00	26°♉26'55	0°56'04	
min. Earth dist.	-6592 Jan 04 j 03:02	26°♉27'06	8.94223 AU	
direct	-6592 Mar 15 j 08:24	23°♉03'12		
	-6592 Jun 25 j 03:22	0°♊		
evening set	-6592 Jun 28 j 00:09	0°♊19'41		
conjunction	-6592 Jul 15 j 03:36	2°♊19'45	0°59'50	
minimum elong	-6592 Jul 15 j 03:33	2°♊19'44	1°00'13	
max. Earth dist.	-6592 Jul 15 j 02:35	2°♊19'27	11.00200 AU	
morning rise	-6592 Aug 01 j 01:53	4°♊18'22		
retrograde	-6592 Nov 07 j 05:43	11°♊09'58		
opposition	-6591 Jan 15 j 02:54	7°♊53'24	1°28'37	
min. Earth dist.	-6591 Jan 15 j 05:33	7°♊52'54	9.05592 AU	
direct	-6591 Mar 27 j 17:09	4°♊30'49		
evening set	-6591 Jul 09 j 18:14	11°♊40'02		
conjunction	-6591 Jul 26 j 16:47	13°♊37'38	1°24'58	
minimum elong	-6591 Jul 26 j 16:44	13°♊37'37	1°25'23	
max. Earth dist.	-6591 Jul 26 j 11:25	13°♊36'04	11.10396 AU	
morning rise	-6591 Aug 12 j 10:48	15°♊33'56		
retrograde	-6591 Nov 18 j 13:33	22°♊20'58		
opposition	-6590 Jan 26 j 21:38	19°♊05'05	1°57'03	
min. Earth dist.	-6590 Jan 27 j 02:57	19°♊04'06	9.14657 AU	
direct	-6590 Apr 08 j 18:33	15°♊43'36		
evening set	-6590 Jul 21 j 04:49	22°♊46'53		
conjunction	-6590 Aug 06 j 23:00	24°♊42'29	1°46'28	
minimum elong	-6590 Aug 06 j 22:57	24°♊42'28	1°46'54	
max. Earth dist.	-6590 Aug 06 j 14:46	24°♊40'05	11.18124 AU	
morning rise	-6590 Aug 23 j 13:06	26°♊36'57		
	-6590 Sep 24 j 19:15	0°♋		
retrograde	-6590 Nov 29 j 19:25	3°♋21'24		
opposition	-6589 Feb 07 j 13:39	0°♋05'55	2°20'41	
min. Earth dist.	-6589 Feb 07 j 21:16	0°♋04'31	9.21110 AU	
	-6589 Feb 08 j 21:49	30°℞♊		
direct	-6589 Apr 20 j 13:52	26°♊45'24		
	-6589 Jun 26 j 05:21	0°♋		
evening set	-6589 Aug 01 j 09:52	3°♋44'13		
conjunction	-6589 Aug 18 j 00:12	5°♋38'18	2°03'48	
minimum elong	-6589 Aug 18 j 00:09	5°♋38'17	2°04'13	
max. Earth dist.	-6589 Aug 17 j 13:30	5°♋35'13	11.23133 AU	
morning rise	-6589 Sep 03 j 10:57	7°♋31'28		
retrograde	-6589 Dec 11 j 02:15	14°♋15'14		
opposition	-6588 Feb 19 j 04:24	10°♋59'54	2°39'01	
min. Earth dist.	-6588 Feb 19 j 14:59	10°♋57'58	9.24757 AU	
direct	-6588 May 01 j 04:31	7°♋40'13		
evening set	-6588 Aug 11 j 11:04	14°♋36'02		
conjunction	-6588 Aug 27 j 22:07	16°♋29'09	2°16'33	
minimum elong	-6588 Aug 27 j 22:05	16°♋29'08	2°16'58	
max. Earth dist.	-6588 Aug 27 j 08:09	16°♋25'07	11.25292 AU	
morning rise	-6588 Sep 13 j 06:35	18°♋21'35		
retrograde	-6588 Dec 21 j 07:30	25°♋06'35		
opposition	-6587 Mar 01 j 19:19	21°♋51'03	2°51'36	
min. Earth dist.	-6587 Mar 02 j 08:40	21°♋48'37	9.25501 AU	
direct	-6587 May 12 j 15:49	18°♋32'01		
evening set	-6587 Aug 22 j 09:51	25°♋26'19		
conjunction	-6587 Sep 07 j 18:37	27°♋19'01	2°24'22	
minimum elong	-6587 Sep 07 j 18:36	27°♋19'01	2°24'47	
max. Earth dist.	-6587 Sep 07 j 02:09	27°♋14'16	11.24544 AU	
morning rise	-6587 Sep 24 j 01:49	29°♋11'19		
	-6587 Oct 01 j 07:49	0°♌		
retrograde	-6586 Jan 01 j 17:50	5°♌59'24		
opposition	-6586 Mar 13 j 11:28	2°♌43'22	2°58'07	
min. Earth dist.	-6586 Mar 14 j 02:11	2°♌40'41	9.23304 AU	
	-6586 Apr 26 j 11:44	30°℞♋		
direct	-6586 May 24 j 03:58	29°♋24'48		
	-6586 Jun 20 j 08:56	0°♌		
evening set	-6586 Sep 02 j 08:12	6°♌19'03		
conjunction	-6586 Sep 18 j 15:51	8°♌11'57	2°27'01	
minimum elong	-6586 Sep 18 j 15:51	8°♌11'57	2°27'23	
max. Earth dist.	-6586 Sep 17 j 22:39	8°♌06'57	11.20891 AU	
morning rise	-6586 Oct 04 j 22:37	10°♌04'43		
	-6586 Nov 24 j 04:09	15°♌		
retrograde	-6585 Jan 13 j 08:21	16°♌57'34		
	-6585 Mar 06 j 14:37	15°℞♌		
opposition	-6585 Mar 25 j 06:10	13°♌40'45	2°58'16	
min. Earth dist.	-6585 Mar 25 j 21:32	13°♌37'57	9.18218 AU	
direct	-6585 Jun 04 j 14:03	10°♌22'29		
	-6585 Aug 23 j 08:03	15°♌		
evening set	-6585 Sep 13 j 07:56	17°♌18'07		
conjunction	-6585 Sep 29 j 15:26	19°♌11'50	2°24'17	
minimum elong	-6585 Sep 29 j 15:27	19°♌11'50	2°24'36	
max. Earth dist.	-6585 Sep 28 j 21:26	19°♌06'34	11.14438 AU	
morning rise	-6585 Oct 15 j 22:55	21°♌05'39		
retrograde	-6584 Jan 25 j 05:14	28°♌04'59		
opposition	-6584 Apr 05 j 05:05	24°♌47'08	2°51'50	
min. Earth dist.	-6584 Apr 05 j 21:12	24°♌44'11	9.10402 AU	
direct	-6584 Jun 15 j 02:13	21°♌28'54		
evening set	-6584 Sep 23 j 10:44	28°♌27'22		
	-6584 Oct 06 j 14:58	0°♍		
conjunction	-6584 Oct 09 j 19:02	0°♍22'29	2°16'03	

Attention, astronomical year style is used: The year -6584 in astronomical counting style is the year 6585 BCE in historical counting style.

minimum elong	-6584 Oct 09 j 19:04	0°♍22'30	2°16'18
max. Earth dist.	-6584 Oct 08 j 23:49	0°♍16'48	11.05397 AU
morning rise	-6584 Oct 26 j 04:34	2°♍18'01	
retrograde	-6583 Feb 05 j 08:24	9°♍25'25	
opposition	-6583 Apr 17 j 09:11	6°♍06'15	2°38'41
min. Earth dist.	-6583 Apr 18 j 01:58	6°♍03'09	9.00115 AU
direct	-6583 Jun 26 j 17:06	2°♍47'50	
evening set	-6583 Oct 04 j 18:39	9°♍50'35	
max. Earth dist.	-6583 Oct 20 j 10:12	11°♍42'04	10.94061 AU
conjunction	-6583 Oct 21 j 04:58	11°♍47'41	2°02'19
minimum elong	-6583 Oct 21 j 05:01	11°♍47'41	2°02'29
morning rise	-6583 Nov 06 j 17:32	13°♍45'30	
retrograde	-6582 Feb 17 j 19:22	21°♍02'25	
opposition	-6582 Apr 29 j 19:11	17°♍41'43	2°18'50
min. Earth dist.	-6582 Apr 30 j 11:12	17°♍38'44	8.87702 AU
direct	-6582 Jul 08 j 13:43	14°♍22'52	
evening set	-6582 Oct 16 j 09:26	21°♍31'22	
conjunction	-6582 Nov 01 j 22:51	23°♍31'00	1°43'12
minimum elong	-6582 Nov 01 j 22:54	23°♍31'01	1°43'17
max. Earth dist.	-6582 Nov 01 j 05:52	23°♍25'51	10.80808 AU
morning rise	-6582 Nov 18 j 15:13	25°♍31'37	
	-6582 Dec 30 j 12:22	0°♎	
retrograde	-6581 Mar 02 j 18:05	2°♎59'23	
	-6581 May 07 j 10:08	30°℞♍	
opposition	-6581 May 12 j 12:27	29°♍36'58	1°52'29
min. Earth dist.	-6581 May 13 j 02:27	29°♍34'20	8.73603 AU
direct	-6581 Jul 20 j 15:55	26°♍17'31	
	-6581 Sep 26 j 14:30	0°♎	
evening set	-6581 Oct 28 j 09:00	3°♎33'04	
max. Earth dist.	-6581 Nov 13 j 11:09	5°♎31'03	10.66123 AU
conjunction	-6581 Nov 14 j 02:14	5°♎35'41	1°19'04
minimum elong	-6581 Nov 14 j 02:18	5°♎35'42	1°19'05
morning rise	-6581 Nov 30 j 23:15	7°♎39'35	
retrograde	-6580 Mar 15 j 02:33	15°♎19'16	
opposition	-6580 May 24 j 13:41	11°♎55'01	1°20'09
min. Earth dist.	-6580 May 25 j 01:20	11°♎52'48	8.58352 AU
direct	-6580 Jul 31 j 23:58	8°♎34'42	
evening set	-6580 Nov 08 j 19:27	15°♎58'42	
conjunction	-6580 Nov 25 j 17:04	18°♎04'41	0°50'33
minimum elong	-6580 Nov 25 j 17:06	18°♎04'42	0°50'28
max. Earth dist.	-6580 Nov 25 j 03:34	18°♎00'28	10.50574 AU
morning rise	-6580 Dec 12 j 19:23	20°♎12'12	
retrograde	-6579 Mar 28 j 21:01	28°♎04'28	
opposition	-6579 Jun 06 j 23:13	24°♎38'23	0°42'44
min. Earth dist.	-6579 Jun 07 j 08:51	24°♎36'30	8.42560 AU
direct	-6579 Aug 13 j 17:18	21°♎16'57	
evening set	-6579 Nov 21 j 18:14	28°♎50'41	
	-6579 Nov 30 j 22:54	0°♏	
conjunction	-6579 Dec 08 j 20:42	1°♏00'18	0°18'38
minimum elong	-6579 Dec 08 j 20:43	1°♏00'18	0°18'28
max. Earth dist.	-6579 Dec 08 j 09:43	0°♏56'49	10.34792 AU
morning rise	-6579 Dec 26 j 04:32	3°♏11'37	
retrograde	-6578 Apr 12 j 02:38	11°♏16'46	
opposition	-6578 Jun 20 j 17:27	7°♏48'57	0°01'40
min. Earth dist.	-6578 Jun 21 j 00:32	7°♏47'33	8.26935 AU
desc. node	-6578 Jul 05 j 13:07	6°♏39'59	
direct	-6578 Aug 26 j 20:07	4°♏26'17	
evening set	-6578 Dec 05 j 06:41	12°♏10'46	
conjunction	-6578 Dec 22 j 14:08	14°♏24'02	-0°15'20
minimum elong	-6578 Dec 22 j 14:08	14°♏24'02	0°15'36
behind sun begin	-6578 Dec 22 j 12:26	14°♏23'29	
behind sun end	-6578 Dec 22 j 15:50	14°♏24'35	
max. Earth dist.	-6578 Dec 22 j 07:17	14°♏21'50	10.19568 AU
	-6578 Dec 27 j 05:26	15°♏	
morning rise	-6577 Jan 09 j 03:12	16°♏39'08	
retrograde	-6577 Apr 26 j 18:15	24°♏56'45	
opposition	-6577 Jul 04 j 20:09	21°♏27'21	-0°41'03
min. Earth dist.	-6577 Jul 04 j 23:38	21°♏26'39	8.12381 AU
direct	-6577 Sep 09 j 09:11	18°♏03'20	
evening set	-6577 Dec 19 j 09:40	25°♏59'01	
conjunction	-6576 Jan 05 j 21:59	28°♏15'45	-0°49'23
minimum elong	-6576 Jan 05 j 21:57	28°♏15'44	0°49'44
max. Earth dist.	-6576 Jan 05 j 20:31	28°♏15'16	10.05867 AU
	-6576 Jan 19 j 05:18	0°♐	
morning rise	-6576 Jan 23 j 15:44	0°♐34'18	
retrograde	-6576 May 10 j 18:17	9°♐02'53	
opposition	-6576 Jul 18 j 06:18	5°♐32'07	-1°22'46
min. Earth dist.	-6576 Jul 18 j 05:20	5°♐32'19	7.99870 AU
direct	-6576 Sep 22 j 08:36	2°♐06'42	
evening set	-6575 Jan 02 j 02:46	10°♐13'14	
conjunction	-6575 Jan 19 j 19:27	12°♐32'58	-1°21'20
minimum elong	-6575 Jan 19 j 19:24	12°♐32'56	1°21'45
max. Earth dist.	-6575 Jan 19 j 23:31	12°♐34'18	9.94630 AU
morning rise	-6575 Feb 06 j 17:06	14°♐54'22	
retrograde	-6575 May 26 j 00:24	23°♐31'16	
opposition	-6575 Aug 01 j 22:27	19°♐59'32	-2°00'28
min. Earth dist.	-6575 Aug 01 j 16:58	20°♐00'40	7.90261 AU
direct	-6575 Oct 06 j 17:26	16°♐32'43	
evening set	-6574 Jan 17 j 08:15	24°♐48'50	
conjunction	-6574 Feb 04 j 04:30	27°♐10'51	-1°48'47
minimum elong	-6574 Feb 04 j 04:26	27°♐10'49	1°49'14
max. Earth dist.	-6574 Feb 04 j 13:53	27°♐13'59	9.86656 AU
morning rise	-6574 Feb 22 j 05:00	29°♐34'16	
	-6574 Feb 25 j 12:06	0°♑	
retrograde	-6574 Jun 10 j 09:07	8°♑15'54	
opposition	-6574 Aug 16 j 18:20	4°♑43'39	-2°31'02
min. Earth dist.	-6574 Aug 16 j 08:58	4°♑45'37	7.84242 AU
direct	-6574 Oct 21 j 09:25	1°♑15'31	
evening set	-6573 Feb 01 j 23:00	9°♑38'59	
conjunction	-6573 Feb 19 j 22:04	12°♑02'25	-2°09'27
minimum elong	-6573 Feb 19 j 22:01	12°♑02'24	2°09'53
max. Earth dist.	-6573 Feb 20 j 12:12	12°♑07'08	9.82545 AU
morning rise	-6573 Mar 10 j 00:26	14°♑26'52	
retrograde	-6573 Jun 25 j 17:30	23°♑08'53	
opposition	-6573 Aug 31 j 15:23	19°♑36'39	-2°51'47
min. Earth dist.	-6573 Aug 31 j 03:02	19°♑39'15	7.82255 AU
direct	-6573 Nov 05 j 07:36	16°♑07'22	
evening set	-6572 Feb 17 j 18:52	24°♑35'08	
conjunction	-6572 Mar 06 j 20:00	26°♑59'00	-2°21'34
minimum elong	-6572 Mar 06 j 19:59	26°♑59'00	2°21'59
max. Earth dist.	-6572 Mar 07 j 13:45	27°♑04'56	9.82600 AU
morning rise	-6572 Mar 24 j 23:16	29°♑23'29	
	-6572 Mar 29 j 15:35	0°♒	
retrograde	-6572 Jul 09 j 21:24	8°♒01'20	
opposition	-6572 Sep 14 j 10:50	4°♒29'37	-3°00'57
min. Earth dist.	-6572 Sep 13 j 20:40	4°♒32'36	7.84416 AU
direct	-6572 Nov 19 j 09:38	0°♒59'31	
evening set	-6571 Mar 04 j 15:15	9°♒27'59	
conjunction	-6571 Mar 22 j 17:37	11°♒51'20	-2°24'15
minimum elong	-6571 Mar 22 j 17:38	11°♒51'20	2°24'36
max. Earth dist.	-6571 Mar 23 j 13:32	11°♒57'57	9.86786 AU
morning rise	-6571 Apr 09 j 20:47	14°♒14'50	

Attention, astronomical year style is used: The year -6571 in astronomical counting style is the year 6572 BCE in historical counting style.

	-6571 Apr 15 j 16:52	15°♒	
retrograde	-6571 Jul 24 j 17:10	22°♒44'21	
min. Earth dist.	-6571 Sep 28 j 10:43	19°♒16'50	7.90536 AU
opposition	-6571 Sep 29 j 01:55	19°♒13'39	-2°58'01
direct	-6571 Dec 04 j 11:58	15°♒43'05	
evening set	-6570 Mar 20 j 07:20	24°♒08'38	
conjunction	-6570 Apr 07 j 10:08	26°♒30'36	-2°17'32
minimum elong	-6570 Apr 07 j 10:11	26°♒30'37	2°17'49
max. Earth dist.	-6570 Apr 08 j 07:00	26°♒37'27	9.94771 AU
morning rise	-6570 Apr 25 j 12:21	28°♒52'15	
	-6570 May 04 j 09:47	0°♓	
retrograde	-6570 Aug 08 j 02:31	7°♓10'13	
opposition	-6570 Oct 13 j 10:32	3°♓40'56	-2°43'45
min. Earth dist.	-6570 Oct 12 j 18:49	3°♓44'12	8.00150 AU
direct	-6570 Dec 19 j 11:43	0°♓10'20	
evening set	-6569 Apr 04 j 15:08	8°♓29'42	
conjunction	-6569 Apr 22 j 17:33	10°♓49'34	-2°02'23
minimum elong	-6569 Apr 22 j 17:37	10°♓49'35	2°02'34
max. Earth dist.	-6569 Apr 23 j 14:13	10°♓56'16	10.05958 AU
morning rise	-6569 May 10 j 18:00	13°♓08'42	
retrograde	-6569 Aug 21 j 23:45	21°♓13'06	
opposition	-6569 Oct 27 j 11:03	17°♓45'30	-2°19'55
min. Earth dist.	-6569 Oct 26 j 19:30	17°♓48'42	8.12569 AU
direct	-6568 Jan 03 j 04:55	14°♓15'16	
evening set	-6568 Apr 18 j 12:12	22°♓26'04	
conjunction	-6568 May 06 j 13:17	24°♓43'16	-1°40'24
minimum elong	-6568 May 06 j 13:21	24°♓43'17	1°40'29
max. Earth dist.	-6568 May 07 j 08:38	24°♓49'27	10.19564 AU
morning rise	-6568 May 24 j 11:03	26°♓59'21	
	-6568 Jun 18 j 19:20	0°♈	
retrograde	-6568 Sep 03 j 10:49	4°♈49'23	
opposition	-6568 Nov 09 j 02:38	1°♈23'41	-1°48'50
min. Earth dist.	-6568 Nov 08 j 12:03	1°♈26'39	8.26986 AU
	-6568 Nov 26 j 18:48	30°℞♓	
direct	-6567 Jan 16 j 13:26	27°♓54'12	
	-6567 Mar 07 j 16:34	0°♈	
evening set	-6567 May 02 j 20:45	5°♈54'55	
conjunction	-6567 May 20 j 19:28	8°♈09'03	-1°13'28
minimum elong	-6567 May 20 j 19:31	8°♈09'04	1°13'27
max. Earth dist.	-6567 May 21 j 12:48	8°♈14'30	10.34740 AU
morning rise	-6567 Jun 07 j 13:48	10°♈21'48	
retrograde	-6567 Sep 16 j 11:04	17°♈57'45	
opposition	-6567 Nov 22 j 09:16	14°♈34'01	-1°13'03
min. Earth dist.	-6567 Nov 21 j 20:52	14°♈36'30	8.42563 AU
direct	-6566 Jan 30 j 12:46	11°♈05'36	
evening set	-6566 May 16 j 16:00	18°♈55'34	
conjunction	-6566 Jun 03 j 11:24	21°♈06'25	-0°43'33
minimum elong	-6566 Jun 03 j 11:26	21°♈06'26	0°43'27
max. Earth dist.	-6566 Jun 04 j 01:38	21°♈10'48	10.50630 AU
morning rise	-6566 Jun 21 j 01:44	23°♈15'44	
	-6566 Sep 02 j 04:04	0°♉	
retrograde	-6566 Sep 28 j 23:48	0°♉38'39	
	-6566 Oct 26 j 00:51	30°℞♈	
opposition	-6566 Dec 05 j 07:10	27°♈16'54	-0°34'57
min. Earth dist.	-6566 Dec 04 j 21:53	27°♈18'44	8.58475 AU
direct	-6565 Feb 13 j 03:14	23°♈49'44	
	-6565 May 17 j 04:08	0°♉	
evening set	-6565 May 29 j 22:38	1°♉29'05	
conjunction	-6565 Jun 16 j 13:53	3°♉36'37	-0°12'27
minimum elong	-6565 Jun 16 j 13:53	3°♉36'37	0°12'16
behind sun begin	-6565 Jun 16 j 09:09	3°♉35'12	
behind sun end	-6565 Jun 16 j 18:38	3°♉38'02	
max. Earth dist.	-6565 Jun 16 j 23:37	3°♉39'33	10.66428 AU
morning rise	-6565 Jul 03 j 23:50	5°♉42'33	
retrograde	-6565 Oct 11 j 03:11	12°♉54'00	
asc. node	-6565 Nov 14 j 08:02	11°♉54'34	
opposition	-6565 Dec 17 j 20:57	9°♉34'07	0°03'24
min. Earth dist.	-6565 Dec 17 j 14:54	9°♉35'17	8.73953 AU
direct	-6564 Feb 26 j 08:14	6°♉08'21	
evening set	-6564 Jun 10 j 17:14	13°♉37'41	
	-6564 Jun 22 j 07:22	15°♉	
conjunction	-6564 Jun 28 j 03:48	15°♉42'00	0°18'23
minimum elong	-6564 Jun 28 j 03:47	15°♉41'59	0°18'39
max. Earth dist.	-6564 Jun 28 j 08:55	15°♉43'31	10.81410 AU
morning rise	-6564 Jul 15 j 09:07	17°♉44'43	
retrograde	-6564 Oct 21 j 22:46	24°♉46'37	
opposition	-6564 Dec 29 j 03:54	21°♉28'21	0°40'19
min. Earth dist.	-6564 Dec 29 j 00:27	21°♉29'01	8.88316 AU
direct	-6563 Mar 10 j 04:11	18°♉04'04	
evening set	-6563 Jun 23 j 00:44	25°♉24'19	
conjunction	-6563 Jul 10 j 06:28	27°♉25'38	0°47'32
minimum elong	-6563 Jul 10 j 06:26	27°♉25'37	0°47'53
max. Earth dist.	-6563 Jul 10 j 08:01	27°♉26'05	10.94953 AU
morning rise	-6563 Jul 27 j 06:59	29°♉25'26	
	-6563 Aug 01 j 07:33	0°♊	
retrograde	-6563 Nov 02 j 13:23	6°♊19'51	
opposition	-6562 Jan 10 j 05:05	3°♊02'55	1°14'29
min. Earth dist.	-6562 Jan 10 j 04:28	3°♊03'02	9.00984 AU
	-6562 Mar 02 j 02:19	30°℞♉	
direct	-6562 Mar 22 j 16:00	29°♉40'03	
	-6562 Apr 12 j 02:00	0°♊	
evening set	-6562 Jul 04 j 22:52	6°♊52'24	
conjunction	-6562 Jul 21 j 23:47	8°♊51'04	1°14'07
minimum elong	-6562 Jul 21 j 23:45	8°♊51'03	1°14'31
max. Earth dist.	-6562 Jul 21 j 22:08	8°♊50'35	11.06532 AU
morning rise	-6562 Aug 07 j 19:38	10°♊48'20	
retrograde	-6562 Nov 14 j 00:02	17°♊37'12	
opposition	-6561 Jan 22 j 01:37	14°♊21'20	1°44'52
min. Earth dist.	-6561 Jan 22 j 04:44	14°♊20'46	9.11485 AU
direct	-6561 Apr 03 j 18:21	10°♊59'46	
evening set	-6561 Jul 16 j 13:11	18°♊05'34	
conjunction	-6561 Aug 02 j 09:20	20°♊02'00	1°37'21
minimum elong	-6561 Aug 02 j 09:17	20°♊01'59	1°37'45
max. Earth dist.	-6561 Aug 02 j 03:27	20°♊00'17	11.15733 AU
morning rise	-6561 Aug 19 j 01:03	21°♊57'12	
retrograde	-6561 Nov 25 j 05:51	28°♊42'32	
opposition	-6560 Feb 02 j 19:07	25°♊27'22	2°10'44
min. Earth dist.	-6560 Feb 03 j 02:04	25°♊26'05	9.19442 AU
direct	-6560 Apr 14 j 16:35	22°♊06'54	
evening set	-6560 Jul 26 j 20:59	29°♊07'35	
	-6560 Aug 03 j 13:01	0°♋	
conjunction	-6560 Aug 12 j 12:49	1°♋02'13	1°56'36
minimum elong	-6560 Aug 12 j 12:46	1°♋02'12	1°57'01
max. Earth dist.	-6560 Aug 12 j 02:39	0°♋59'17	11.22234 AU
morning rise	-6560 Aug 29 j 01:04	2°♋55'52	
retrograde	-6560 Dec 05 j 12:10	9°♋39'40	
opposition	-6559 Feb 13 j 10:39	6°♋24'48	2°31'28
min. Earth dist.	-6559 Feb 13 j 20:13	6°♋23'03	9.24551 AU
direct	-6559 Apr 26 j 10:50	3°♋05'16	
evening set	-6559 Aug 07 j 00:00	10°♋02'14	
conjunction	-6559 Aug 23 j 12:24	11°♋55'40	2°11'26
minimum elong	-6559 Aug 23 j 12:22	11°♋55'39	2°11'51

Attention, astronomical year style is used: The year -6559 in astronomical counting style is the year 6560 BCE in historical counting style.

max. Earth dist.	-6559 Aug 22 j 23:38	11°♋51'59	11.25777 AU
morning rise	-6559 Sep 08 j 21:50	13°♋48'18	
retrograde	-6559 Dec 16 j 18:27	20°♋32'29	
opposition	-6558 Feb 25 j 01:25	17°♋17'34	2°46'39
min. Earth dist.	-6558 Feb 25 j 13:15	17°♋15'25	9.26589 AU
direct	-6558 May 07 j 23:45	13°♋58'45	
evening set	-6558 Aug 17 j 23:58	20°♋53'35	
conjunction	-6558 Sep 03 j 09:48	22°♋46'22	2°21'28
minimum elong	-6558 Sep 03 j 09:47	22°♋46'22	2°21'53
max. Earth dist.	-6558 Sep 02 j 18:41	22°♋42'00	11.26201 AU
morning rise	-6558 Sep 19 j 17:18	24°♋38'36	
	-6558 Nov 15 j 19:43	0°♌	
retrograde	-6558 Dec 28 j 04:18	1°♌25'06	
	-6557 Feb 09 j 19:38	30℞♋	
opposition	-6557 Mar 08 j 17:08	28°♋09'48	2°55'54
min. Earth dist.	-6557 Mar 09 j 07:34	28°♋07'11	9.25467 AU
direct	-6557 May 19 j 11:23	24°♋51'29	
	-6557 Aug 12 j 22:08	0°♌	
evening set	-6557 Aug 28 j 22:46	1°♌45'41	
conjunction	-6557 Sep 14 j 06:45	3°♌38'25	2°26'26
minimum elong	-6557 Sep 14 j 06:45	3°♌38'25	2°26'50
max. Earth dist.	-6557 Sep 13 j 12:35	3°♌33'10	11.23517 AU
morning rise	-6557 Sep 30 j 13:32	5°♌30'53	
retrograde	-6556 Jan 08 j 15:23	12°♌21'29	
opposition	-6556 Mar 19 j 11:06	9°♌05'27	2°58'54
min. Earth dist.	-6556 Mar 20 j 03:54	9°♌02'23	9.21277 AU
direct	-6556 May 29 j 21:16	5°♌47'22	
evening set	-6556 Sep 07 j 22:03	12°♌42'25	
max. Earth dist.	-6556 Sep 23 j 09:33	14°♌29'56	11.17878 AU
conjunction	-6556 Sep 24 j 05:21	14°♌35'42	2°26'06
minimum elong	-6556 Sep 24 j 05:22	14°♌35'42	2°26'27
	-6556 Sep 27 j 16:40	15°♌	
morning rise	-6556 Oct 10 j 12:31	16°♌29'01	
retrograde	-6555 Jan 19 j 09:11	23°♌25'28	
opposition	-6555 Mar 31 j 08:21	20°♌08'18	2°55'26
min. Earth dist.	-6555 Apr 01 j 01:59	20°♌05'05	9.14206 AU
direct	-6555 Jun 10 j 10:54	16°♌50'11	
evening set	-6555 Sep 18 j 23:26	23°♌47'29	
max. Earth dist.	-6555 Oct 04 j 11:41	25°♌36'11	11.09488 AU
conjunction	-6555 Oct 05 j 07:20	25°♌41'58	2°20'19
minimum elong	-6555 Oct 05 j 07:22	25°♌41'59	2°20'36
morning rise	-6555 Oct 21 j 15:51	27°♌36'43	
	-6555 Nov 12 j 07:01	0°♍	
retrograde	-6554 Jan 31 j 09:58	4°♍40'36	
opposition	-6554 Apr 12 j 10:05	1°♍22'03	2°45'18
min. Earth dist.	-6554 Apr 13 j 03:17	1°♍18'53	9.04492 AU
	-6554 May 01 j 13:37	30℞♌	
direct	-6554 Jun 22 j 00:58	28°♌03'39	
	-6554 Aug 10 j 08:00	0°♍	
evening set	-6554 Sep 30 j 05:00	5°♍04'39	
conjunction	-6554 Oct 16 j 14:28	7°♍00'53	2°09'01
minimum elong	-6554 Oct 16 j 14:31	7°♍00'53	2°09'13
max. Earth dist.	-6554 Oct 15 j 18:55	6°♍55'04	10.98626 AU
morning rise	-6554 Nov 02 j 01:26	8°♍57'41	
retrograde	-6553 Feb 12 j 17:52	16°♍10'32	
opposition	-6553 Apr 24 j 17:29	12°♍50'20	2°28'25
min. Earth dist.	-6553 Apr 25 j 10:15	12°♍47'13	8.92473 AU
direct	-6553 Jul 03 j 18:20	9°♍31'26	
evening set	-6553 Oct 11 j 16:40	16°♍37'35	
max. Earth dist.	-6553 Oct 27 j 09:05	18°♍30'16	10.85691 AU
conjunction	-6553 Oct 28 j 04:34	18°♍36'09	1°52'16
minimum elong	-6553 Oct 28 j 04:37	18°♍36'10	1°52'23
morning rise	-6553 Nov 13 j 19:10	20°♍35'35	
retrograde	-6552 Feb 25 j 11:35	27°♍58'48	
opposition	-6552 May 06 j 07:45	24°♍36'47	2°04'55
min. Earth dist.	-6552 May 06 j 23:49	24°♍33'45	8.78605 AU
direct	-6552 Jul 14 j 17:41	21°♍17'08	
evening set	-6552 Oct 22 j 12:07	28°♍29'53	
	-6552 Nov 03 j 21:21	0°♎	
max. Earth dist.	-6552 Nov 07 j 09:29	0°♎25'46	10.71162 AU
conjunction	-6552 Nov 08 j 03:30	0°♎31'17	1°30'18
minimum elong	-6552 Nov 08 j 03:34	0°♎31'18	1°30'20
morning rise	-6552 Nov 24 j 22:35	2°♎33'52	
retrograde	-6551 Mar 09 j 13:45	10°♎08'40	
opposition	-6551 May 19 j 05:32	6°♎44'43	1°35'08
min. Earth dist.	-6551 May 19 j 19:58	6°♎41'58	8.63420 AU
direct	-6551 Jul 26 j 23:40	3°♎24'10	
evening set	-6551 Nov 03 j 17:37	10°♎44'56	
conjunction	-6551 Nov 20 j 13:21	12°♎49'36	1°03'37
minimum elong	-6551 Nov 20 j 13:23	12°♎49'37	1°03'34
max. Earth dist.	-6551 Nov 19 j 22:30	12°♎44'59	10.55602 AU
morning rise	-6551 Dec 07 j 13:22	14°♎55'41	
retrograde	-6550 Mar 23 j 03:16	22°♎43'00	
opposition	-6550 Jun 01 j 11:23	19°♎17'05	0°59'48
min. Earth dist.	-6550 Jun 01 j 22:42	19°♎14'54	8.47550 AU
direct	-6550 Aug 08 j 14:15	15°♎55'30	
evening set	-6550 Nov 16 j 10:50	23°♎25'33	
conjunction	-6550 Dec 03 j 11:20	25°♎33'47	0°33'01
minimum elong	-6550 Dec 03 j 11:22	25°♎33'47	0°32'53
max. Earth dist.	-6550 Dec 03 j 00:04	25°♎30'13	10.39692 AU
morning rise	-6550 Dec 20 j 16:39	27°♎43'38	
	-6549 Jan 08 j 16:15	0°♏	
retrograde	-6549 Apr 06 j 05:21	5°♏43'52	
opposition	-6549 Jun 15 j 02:05	2°♏16'06	0°20'04
min. Earth dist.	-6549 Jun 15 j 09:32	2°♏14'38	8.31738 AU
	-6549 Jul 16 j 15:47	30℞♎	
direct	-6549 Aug 21 j 12:33	28°♎53'22	
	-6549 Sep 25 j 12:55	0°♏	
evening set	-6549 Nov 29 j 17:16	6°♏33'41	
desc. node	-6549 Dec 13 j 21:39	8°♏22'08	
conjunction	-6549 Dec 16 j 22:38	8°♏45'35	-0°00'18
minimum elong	-6549 Dec 16 j 22:40	8°♏45'35	0°00'31
behind sun begin	-6549 Dec 16 j 15:31	8°♏43'19	
behind sun end	-6549 Dec 17 j 05:49	8°♏47'52	
max. Earth dist.	-6549 Dec 16 j 15:11	8°♏43'13	10.24216 AU
morning rise	-6548 Jan 03 j 09:24	10°♏59'16	
	-6548 Feb 06 j 17:22	15°♏	
retrograde	-6548 Apr 19 j 18:00	19°♏12'12	
opposition	-6548 Jun 28 j 01:25	15°♏42'46	-0°22'16
min. Earth dist.	-6548 Jun 28 j 05:02	15°♏42'03	8.16807 AU
	-6548 Jul 07 j 00:40	15℞♏	
direct	-6548 Sep 02 j 19:54	12°♏18'45	
	-6548 Oct 27 j 21:02	15°♏	
evening set	-6548 Dec 12 j 14:07	20°♏10'04	
conjunction	-6548 Dec 30 j 00:20	22°♏25'29	-0°34'34
minimum elong	-6548 Dec 30 j 00:19	22°♏25'29	0°34'53
max. Earth dist.	-6548 Dec 29 j 20:55	22°♏24'23	10.10018 AU
morning rise	-6547 Jan 16 j 16:10	24°♏42'46	
	-6547 Mar 04 j 01:02	0°♐	
retrograde	-6547 May 04 j 14:41	3°♐07'17	
	-6547 Jul 07 j 12:45	30℞♏	
opposition	-6547 Jul 12 j 08:36	29°♏36'29	-1°04'49
min. Earth dist.	-6547 Jul 12 j 08:32	29°♏36'30	8.03625 AU

Attention, astronomical year style is used: The year -6547 in astronomical counting style is the year 6548 BCE in historical counting style.

direct	-6547 Sep 16 j 14:55	26°♏11'09	
	-6547 Nov 21 j 15:20	0°♐	
evening set	-6547 Dec 27 j 01:17	4°♐13'28	
conjunction	-6546 Jan 13 j 15:59	6°♐32'05	-1°07'45
minimum elong	-6546 Jan 13 j 15:56	6°♐32'04	1°08'08
max. Earth dist.	-6546 Jan 13 j 17:29	6°♐32'35	9.97967 AU
morning rise	-6546 Jan 31 j 12:10	8°♐52'29	
retrograde	-6546 May 19 j 18:24	17°♐26'28	
opposition	-6546 Jul 26 j 22:37	13°♐54'41	-1°44'42
min. Earth dist.	-6546 Jul 26 j 18:50	13°♐55'28	7.93036 AU
direct	-6546 Sep 30 j 20:03	10°♐28'05	
evening set	-6545 Jan 11 j 01:31	18°♐40'32	
conjunction	-6545 Jan 28 j 20:09	21°♐01'44	-1°37'29
minimum elong	-6545 Jan 28 j 20:05	21°♐01'43	1°37'54
max. Earth dist.	-6545 Jan 29 j 03:20	21°♐04'07	9.88881 AU
morning rise	-6545 Feb 15 j 19:42	23°♐24'30	
	-6545 Apr 16 j 07:56	0°♑	
retrograde	-6545 Jun 04 j 02:20	2°♑04'51	
	-6545 Jul 23 j 16:06	30°℞♐	
opposition	-6545 Aug 10 j 17:28	28°♐32'33	-2°18'45
min. Earth dist.	-6545 Aug 10 j 09:40	28°♐34'10	7.85787 AU
direct	-6545 Oct 15 j 09:42	25°♐04'46	
	-6545 Dec 29 j 23:27	0°♑	
evening set	-6544 Jan 26 j 12:46	3°♑25'35	
conjunction	-6544 Feb 13 j 10:41	5°♑48'33	-2°01'21
minimum elong	-6544 Feb 13 j 10:37	5°♑48'32	2°01'48
max. Earth dist.	-6544 Feb 13 j 23:22	5°♑52'48	9.83439 AU
morning rise	-6544 Mar 02 j 12:31	8°♑12'46	
retrograde	-6544 Jun 18 j 11:21	16°♑55'23	
opposition	-6544 Aug 24 j 14:32	13°♑23'04	-2°44'02
min. Earth dist.	-6544 Aug 24 j 03:02	13°♑25'29	7.82419 AU
direct	-6544 Oct 29 j 06:04	9°♑54'17	
evening set	-6543 Feb 10 j 07:17	18°♑20'46	
conjunction	-6543 Feb 28 j 07:40	20°♑44'34	-2°17'21
minimum elong	-6543 Feb 28 j 07:38	20°♑44'33	2°17'47
max. Earth dist.	-6543 Mar 01 j 01:09	20°♑50'25	9.82076 AU
morning rise	-6543 Mar 18 j 10:41	23°♑09'12	
	-6543 May 19 j 18:09	0°♒	
retrograde	-6543 Jul 03 j 17:57	1°♒49'34	
	-6543 Aug 18 j 07:16	30°℞♑	
opposition	-6543 Sep 08 j 11:18	28°♑17'44	-2°58'20
min. Earth dist.	-6543 Sep 07 j 20:40	28°♑20'49	7.83197 AU
direct	-6543 Nov 13 j 07:05	24°♑48'14	
	-6542 Jan 30 j 19:14	0°♒	
evening set	-6542 Feb 26 j 04:15	3°♒16'53	
conjunction	-6542 Mar 16 j 06:15	5°♒40'32	-2°24'10
minimum elong	-6542 Mar 16 j 06:15	5°♒40'32	2°24'33
max. Earth dist.	-6542 Mar 17 j 03:28	5°♒47'37	9.84913 AU
morning rise	-6542 Apr 03 j 09:27	8°♒04'33	
	-6542 Jun 06 j 08:40	15°♒	
retrograde	-6542 Jul 18 j 18:04	16°♒38'15	
	-6542 Aug 30 j 14:14	15°℞♒	
opposition	-6542 Sep 23 j 04:52	13°♒07'23	-3°00'35
min. Earth dist.	-6542 Sep 22 j 12:07	13°♒10'54	7.88067 AU
direct	-6542 Nov 28 j 09:23	9°♒37'28	
	-6541 Feb 17 j 02:28	15°♒	
evening set	-6541 Mar 13 j 23:02	18°♒04'33	
conjunction	-6541 Apr 01 j 01:51	20°♒27'10	-2°21'26
minimum elong	-6541 Apr 01 j 01:53	20°♒27'10	2°21'45
max. Earth dist.	-6541 Apr 02 j 01:05	20°♒34'50	9.91739 AU
morning rise	-6541 Apr 19 j 04:25	22°♒49'37	
	-6541 Jun 27 j 01:51	0°♓	
retrograde	-6541 Aug 02 j 08:54	1°♓12'52	
	-6541 Sep 07 j 22:01	30°℞♒	
opposition	-6541 Oct 07 j 16:41	27°♒43'23	-2°51'01
min. Earth dist.	-6541 Oct 06 j 23:28	27°♒46'59	7.96652 AU
direct	-6541 Dec 13 j 09:49	24°♒13'21	
	-6540 Mar 07 j 10:36	0°♓	
evening set	-6540 Mar 28 j 11:17	2°♓35'26	
conjunction	-6540 Apr 15 j 14:01	4°♓56'11	-2°09'45
minimum elong	-6540 Apr 15 j 14:05	4°♓56'12	2°09'59
max. Earth dist.	-6540 Apr 16 j 13:05	5°♓03'42	10.02007 AU
morning rise	-6540 May 03 j 15:08	7°♓16'20	
retrograde	-6540 Aug 15 j 12:32	15°♓26'31	
opposition	-6540 Oct 20 j 21:01	11°♓58'43	-2°31'03
min. Earth dist.	-6540 Oct 20 j 04:43	12°♓02'05	8.08274 AU
direct	-6540 Dec 27 j 05:24	8°♓28'54	
evening set	-6539 Apr 12 j 13:27	16°♓43'12	
conjunction	-6539 Apr 30 j 15:06	19°♓01'27	-1°50'30
minimum elong	-6539 Apr 30 j 15:10	19°♓01'28	1°50'38
max. Earth dist.	-6539 May 01 j 12:03	19°♓08'10	10.14901 AU
morning rise	-6539 May 18 j 13:58	21°♓18'43	
retrograde	-6539 Aug 29 j 04:36	29°♓14'37	
opposition	-6539 Nov 03 j 16:35	25°♓48'41	-2°02'48
min. Earth dist.	-6539 Nov 03 j 02:12	25°♓51'37	8.22051 AU
direct	-6538 Jan 10 j 18:08	22°♓19'26	
	-6538 Apr 23 j 20:52	0°♈	
evening set	-6538 Apr 27 j 03:31	0°♈24'12	
conjunction	-6538 May 15 j 03:10	2°♈39'32	-1°25'28
minimum elong	-6538 May 15 j 03:14	2°♈39'34	1°25'30
max. Earth dist.	-6538 May 15 j 20:35	2°♈45'02	10.29482 AU
morning rise	-6538 Jun 01 j 23:06	4°♈53'37	
retrograde	-6538 Sep 11 j 08:17	12°♈35'16	
opposition	-6538 Nov 17 j 02:57	9°♈11'17	-1°28'46
min. Earth dist.	-6538 Nov 16 j 14:47	9°♈13'43	8.37081 AU
direct	-6537 Jan 24 j 22:52	5°♈42'55	
evening set	-6537 May 11 j 04:39	13°♈37'21	
conjunction	-6537 May 29 j 01:28	15°♈49'33	-0°56'37
minimum elong	-6537 May 29 j 01:31	15°♈49'33	0°56'33
max. Earth dist.	-6537 May 29 j 14:58	15°♈53'44	10.44893 AU
morning rise	-6537 Jun 15 j 17:46	18°♈00'17	
retrograde	-6537 Sep 24 j 00:52	25°♈28'34	
opposition	-6537 Nov 30 j 04:31	22°♈06'29	-0°51'25
min. Earth dist.	-6537 Nov 29 j 18:27	22°♈08'29	8.52580 AU
direct	-6536 Feb 07 j 18:21	18°♈39'14	
evening set	-6536 May 23 j 16:57	26°♈23'08	
conjunction	-6536 Jun 10 j 10:06	28°♈32'03	-0°25'49
minimum elong	-6536 Jun 10 j 10:07	28°♈32'04	0°25'39
max. Earth dist.	-6536 Jun 10 j 20:18	28°♈35'10	10.60395 AU
	-6536 Jun 22 j 10:54	0°♉	
morning rise	-6536 Jun 27 j 22:03	0°♉39'25	
retrograde	-6536 Oct 05 j 09:47	7°♉55'44	
opposition	-6536 Dec 11 j 21:57	4°♉35'25	-0°12'56
min. Earth dist.	-6536 Dec 11 j 14:38	4°♉36'50	8.67856 AU
direct	-6535 Feb 20 j 03:00	1°♉09'22	
asc. node	-6535 Apr 18 j 17:51	3°♉44'11	
evening set	-6535 Jun 05 j 16:52	8°♉43'04	
conjunction	-6535 Jun 23 j 05:42	10°♉48'47	0°05'22
minimum elong	-6535 Jun 23 j 05:41	10°♉48'47	0°05'37
behind sun begin	-6535 Jun 22 j 22:49	10°♉46'44	
behind sun end	-6535 Jun 23 j 12:33	10°♉50'49	
max. Earth dist.	-6535 Jun 23 j 12:24	10°♉50'47	10.75313 AU

Attention, astronomical year style is used: The year -6535 in astronomical counting style is the year 6536 BCE in historical counting style.

morning rise	-6535 Jul	10 j 12:57	12°♉52'52	
	-6535 Jul	29 j 04:22	15°♉	
retrograde	-6535 Oct	17 j 09:31	19°♉58'54	
opposition	-6535 Dec	24 j 08:03	16°♉40'09	0°24'48
min. Earth dist.	-6535 Dec	24 j 04:20	16°♉40'51	8.82265 AU
	-6534 Jan	16 j 02:39	15°℞♉	
direct	-6534 Mar	05 j 01:34	13°♉15'20	
	-6534 Apr	21 j 08:44	15°♉	
evening set	-6534 Jun	18 j 05:17	20°♉39'37	
conjunction	-6534 Jul	05 j 13:16	22°♉42'16	0°35'20
minimum elong	-6534 Jul	05 j 13:15	22°♉42'16	0°35'40
max. Earth dist.	-6534 Jul	05 j 15:38	22°♉42'58	10.89027 AU
morning rise	-6534 Jul	22 j 15:50	24°♉43'22	
	-6534 Sep	14 j 04:46	0°♊	
retrograde	-6534 Oct	29 j 01:09	1°♊41'03	
	-6534 Dec	14 j 07:12	30°℞♉	
opposition	-6533 Jan	05 j 11:49	28°♉23'34	1°00'18
min. Earth dist.	-6533 Jan	05 j 11:55	28°♉23'33	8.95216 AU
direct	-6533 Mar	17 j 17:37	24°♉59'58	
	-6533 Jun	09 j 19:29	0°♊	
evening set	-6533 Jun	30 j 07:41	2°♊15'56	
conjunction	-6533 Jul	17 j 10:38	4°♊15'48	1°03'09
minimum elong	-6533 Jul	17 j 10:36	4°♊15'47	1°03'32
max. Earth dist.	-6533 Jul	17 j 08:08	4°♊15'03	11.01002 AU
morning rise	-6533 Aug	03 j 08:39	6°♊14'13	
retrograde	-6533 Nov	09 j 12:42	13°♊05'33	
opposition	-6532 Jan	17 j 10:20	9°♊49'03	1°32'27
min. Earth dist.	-6532 Jan	17 j 13:18	9°♊48'30	9.06213 AU
direct	-6532 Mar	29 j 01:30	6°♊26'36	
evening set	-6532 Jul	11 j 01:17	13°♊35'29	
conjunction	-6532 Jul	27 j 23:30	15°♊32'57	1°27'55
minimum elong	-6532 Jul	27 j 23:26	15°♊32'56	1°28'19
max. Earth dist.	-6532 Jul	27 j 17:41	15°♊31'16	11.10812 AU
morning rise	-6532 Aug	13 j 17:08	17°♊29'08	
retrograde	-6532 Nov	19 j 20:23	24°♊16'09	
opposition	-6531 Jan	28 j 05:08	21°♊00'18	2°00'22
min. Earth dist.	-6531 Jan	28 j 10:32	20°♊59'18	9.14873 AU
direct	-6531 Apr	10 j 02:22	17°♊38'54	
evening set	-6531 Jul	22 j 11:35	24°♊42'03	
conjunction	-6531 Aug	08 j 05:29	26°♊37'34	1°48'57
minimum elong	-6531 Aug	08 j 05:26	26°♊37'33	1°49'22
max. Earth dist.	-6531 Aug	07 j 21:11	26°♊35'10	11.18129 AU
morning rise	-6531 Aug	24 j 19:10	28°♊31'59	
	-6531 Sep	07 j 01:15	0°♋	
retrograde	-6531 Dec	01 j 03:45	5°♋16'39	
opposition	-6530 Feb	08 j 21:27	2°♋01'10	2°23'24
min. Earth dist.	-6530 Feb	09 j 05:55	1°♋59'37	9.20917 AU
	-6530 Mar	10 j 11:14	30°℞♊	
direct	-6530 Apr	21 j 21:21	28°♊40'41	
	-6530 Jun	02 j 10:10	0°♋	
evening set	-6530 Aug	02 j 16:40	5°♋39'34	
conjunction	-6530 Aug	19 j 06:38	7°♋33'38	2°05'44
minimum elong	-6530 Aug	19 j 06:36	7°♋33'37	2°06'09
max. Earth dist.	-6530 Aug	18 j 18:51	7°♋30'14	11.22730 AU
morning rise	-6530 Sep	04 j 17:14	9°♋26'48	
retrograde	-6530 Dec	12 j 08:22	16°♋11'01	
opposition	-6529 Feb	20 j 12:27	12°♋55'36	2°41'02
min. Earth dist.	-6529 Feb	21 j 00:08	12°♋53'28	9.24162 AU
direct	-6529 May	03 j 11:07	9°♋35'53	
evening set	-6529 Aug	13 j 17:59	16°♋31'59	
conjunction	-6529 Aug	30 j 04:46	18°♋25'08	2°17'53
minimum elong	-6529 Aug	30 j 04:45	18°♋25'08	2°18'18
max. Earth dist.	-6529 Aug	29 j 13:50	18°♋20'49	11.24493 AU
morning rise	-6529 Sep	15 j 13:12	20°♋17'39	
retrograde	-6529 Dec	23 j 16:02	27°♋03'20	
opposition	-6528 Mar	03 j 03:48	23°♋47'40	2°52'53
min. Earth dist.	-6528 Mar	03 j 17:24	23°♋45'11	9.24509 AU
direct	-6528 May	14 j 01:03	20°♋28'33	
evening set	-6528 Aug	23 j 17:00	27°♋23'18	
max. Earth dist.	-6528 Sep	08 j 09:30	29°♋11'26	11.23361 AU
conjunction	-6528 Sep	09 j 01:44	29°♋16'08	2°25'03
minimum elong	-6528 Sep	09 j 01:43	29°♋16'07	2°25'27
	-6528 Sep	15 j 09:24	0°♌	
morning rise	-6528 Sep	25 j 08:49	1°♌08'33	
retrograde	-6527 Jan	03 j 03:03	7°♌57'31	
opposition	-6527 Mar	14 j 20:39	4°♌41'18	2°58'35
min. Earth dist.	-6527 Mar	15 j 11:04	4°♌38'40	9.21940 AU
direct	-6527 May	25 j 11:54	1°♌22'39	
evening set	-6527 Sep	03 j 15:51	8°♌17'29	
conjunction	-6527 Sep	19 j 23:33	10°♌10'35	2°27'00
minimum elong	-6527 Sep	19 j 23:33	10°♌10'35	2°27'22
max. Earth dist.	-6527 Sep	19 j 06:20	10°♌05'35	11.19356 AU
morning rise	-6527 Oct	06 j 06:21	12°♌03'33	
	-6527 Nov	02 j 16:26	15°♌	
retrograde	-6526 Jan	14 j 19:09	18°♌57'30	
opposition	-6526 Mar	26 j 16:12	15°♌40'28	2°57'52
min. Earth dist.	-6526 Mar	27 j 07:55	15°♌37'36	9.16523 AU
	-6526 Apr	04 j 23:20	15°℞♌	
direct	-6526 Jun	05 j 22:43	12°♌22'03	
	-6526 Aug	03 j 13:17	15°♌	
evening set	-6526 Sep	14 j 16:18	19°♌18'28	
conjunction	-6526 Sep	30 j 23:50	21°♌12'26	2°23'32
minimum elong	-6526 Sep	30 j 23:51	21°♌12'27	2°23'50
max. Earth dist.	-6526 Sep	30 j 04:58	21°♌06'54	11.12601 AU
morning rise	-6526 Oct	17 j 07:39	23°♌06'34	
	-6525 Jan	14 j 12:16	0°♍	
retrograde	-6525 Jan	26 j 15:51	0°♍07'09	
	-6525 Feb	07 j 21:10	30°℞♌	
opposition	-6525 Apr	07 j 16:03	26°♌49'03	2°50'31
min. Earth dist.	-6525 Apr	08 j 08:53	26°♌45'58	9.08426 AU
direct	-6525 Jun	17 j 10:51	23°♌30'40	
	-6525 Sep	21 j 11:16	0°♍	
evening set	-6525 Sep	25 j 19:55	0°♍30'05	
max. Earth dist.	-6525 Oct	11 j 09:07	2°♍19'47	11.03308 AU
conjunction	-6525 Oct	12 j 04:26	2°♍25'31	2°14'33
minimum elong	-6525 Oct	12 j 04:29	2°♍25'31	2°14'47
morning rise	-6525 Oct	28 j 14:21	4°♍21'24	
retrograde	-6524 Feb	07 j 19:47	11°♍30'16	
opposition	-6524 Apr	18 j 21:10	8°♍10'50	2°36'27
min. Earth dist.	-6524 Apr	19 j 13:53	8°♍07'44	8.97915 AU
direct	-6524 Jun	28 j 04:08	4°♍52'15	
evening set	-6524 Oct	06 j 04:48	11°♍56'06	
conjunction	-6524 Oct	22 j 15:34	13°♍53'35	2°00'03
minimum elong	-6524 Oct	22 j 15:37	13°♍53'36	2°00'12
max. Earth dist.	-6524 Oct	21 j 21:39	13°♍48'13	10.91781 AU
morning rise	-6524 Nov	08 j 04:29	15°♍51'49	
retrograde	-6523 Feb	19 j 10:39	23°♍10'23	
opposition	-6523 May	01 j 08:25	19°♍49'24	2°15'39
min. Earth dist.	-6523 May	01 j 23:34	19°♍46'34	8.85353 AU
direct	-6523 Jul	10 j 01:41	16°♍30'25	
evening set	-6523 Oct	17 j 20:52	23°♍40'06	
conjunction	-6523 Nov	03 j 10:46	25°♍40'10	1°40'12

Attention, astronomical year style is used: The year -6523 in astronomical counting style is the year 6524 BCE in historical counting style.

minimum elong	-6523 Nov 03 j 10:50	25°♍40'12	1°40'17
max. Earth dist.	-6523 Nov 02 j 18:18	25°♍35'10	10.78424 AU
morning rise	-6523 Nov 20 j 03:39	27°♍41'16	
	-6523 Dec 10 j 07:49	0°♎	
retrograde	-6522 Mar 04 j 09:50	5°♎10'47	
opposition	-6522 May 14 j 02:56	1°♎48'06	1°48'25
min. Earth dist.	-6522 May 14 j 16:13	1°♎45'35	8.71198 AU
	-6522 Jun 08 j 06:34	30°℞♍	
direct	-6522 Jul 22 j 03:09	28°♍28'30	
	-6522 Sep 02 j 13:14	0°♎	
evening set	-6522 Oct 29 j 22:01	5°♎45'25	
conjunction	-6522 Nov 15 j 15:41	7°♎48'30	1°15'24
minimum elong	-6522 Nov 15 j 15:44	7°♎48'31	1°15'23
max. Earth dist.	-6522 Nov 15 j 00:29	7°♎43'49	10.63742 AU
morning rise	-6522 Dec 02 j 13:22	9°♎52'54	
retrograde	-6521 Mar 17 j 19:04	17°♎34'22	
opposition	-6521 May 27 j 05:28	14°♎09'54	1°15'17
min. Earth dist.	-6521 May 27 j 16:54	14°♎07'42	8.56016 AU
direct	-6521 Aug 03 j 13:51	10°♎49'25	
evening set	-6521 Nov 11 j 10:03	18°♎14'51	
conjunction	-6521 Nov 28 j 08:10	20°♎21'19	0°46'20
minimum elong	-6521 Nov 28 j 08:12	20°♎21'19	0°46'14
max. Earth dist.	-6521 Nov 27 j 19:10	20°♎17'14	10.48337 AU
morning rise	-6521 Dec 15 j 11:10	22°♎29'20	
	-6520 Mar 09 j 03:36	0°♏	
retrograde	-6520 Mar 30 j 15:21	0°♏23'21	
	-6520 Apr 21 j 05:43	30°℞♎	
opposition	-6520 Jun 08 j 16:21	26°♎57'03	0°37'15
min. Earth dist.	-6520 Jun 09 j 01:39	26°♎55'14	8.40454 AU
direct	-6520 Aug 15 j 08:37	23°♎35'29	
	-6520 Nov 13 j 20:23	0°♏	
evening set	-6520 Nov 23 j 10:26	1°♏10'35	
conjunction	-6520 Dec 10 j 13:30	3°♏20'38	0°14'03
minimum elong	-6520 Dec 10 j 13:31	3°♏20'38	0°13'52
behind sun begin	-6520 Dec 10 j 09:46	3°♏19'27	
behind sun end	-6520 Dec 10 j 17:16	3°♏21'49	
max. Earth dist.	-6520 Dec 10 j 04:03	3°♏17'38	10.32851 AU
morning rise	-6520 Dec 27 j 21:54	5°♏32'25	
retrograde	-6519 Apr 13 j 22:00	13°♏39'06	
desc. node	-6519 May 16 j 13:48	12°♏45'52	
opposition	-6519 Jun 22 j 11:38	10°♏11'05	-0°04'10
min. Earth dist.	-6519 Jun 22 j 17:49	10°♏09'51	8.25188 AU
direct	-6519 Aug 28 j 12:44	6°♏48'16	
evening set	-6519 Dec 07 j 00:39	14°♏34'01	
	-6519 Dec 10 j 10:26	15°♏	
conjunction	-6519 Dec 24 j 08:42	16°♏47'40	-0°20'02
minimum elong	-6519 Dec 24 j 08:41	16°♏47'40	0°20'19
max. Earth dist.	-6519 Dec 24 j 03:34	16°♏46'01	10.18006 AU
morning rise	-6518 Jan 10 j 22:10	19°♏03'08	
retrograde	-6518 Apr 28 j 13:59	27°♏22'00	
opposition	-6518 Jul 06 j 15:03	23°♏52'26	-0°46'52
min. Earth dist.	-6518 Jul 06 j 17:16	23°♏51'59	8.11035 AU
direct	-6518 Sep 11 j 03:34	20°♏28'19	
evening set	-6518 Dec 21 j 05:11	28°♏25'08	
	-6517 Jan 02 j 09:20	0°♐	
conjunction	-6517 Jan 07 j 17:57	0°♐42'10	-0°53'55
minimum elong	-6517 Jan 07 j 17:54	0°♐42'10	0°54'16
max. Earth dist.	-6517 Jan 07 j 17:46	0°♐42'07	10.04717 AU
morning rise	-6517 Jan 25 j 12:00	3°♐01'00	
retrograde	-6517 May 13 j 14:59	11°♐30'30	
opposition	-6517 Jul 21 j 01:54	7°♐59'39	-1°28'12
min. Earth dist.	-6517 Jul 20 j 23:39	8°♐00'07	7.98955 AU
direct	-6517 Sep 25 j 03:13	4°♐34'10	
evening set	-6516 Jan 04 j 23:33	12°♐41'37	
conjunction	-6516 Jan 22 j 16:30	15°♐01'34	-1°25'23
minimum elong	-6516 Jan 22 j 16:26	15°♐01'32	1°25'47
max. Earth dist.	-6516 Jan 22 j 21:19	15°♐03'09	9.93934 AU
morning rise	-6516 Feb 09 j 14:25	17°♐23'09	
retrograde	-6516 May 27 j 21:54	26°♐00'33	
opposition	-6516 Aug 03 j 18:29	22°♐28'49	-2°05'04
min. Earth dist.	-6516 Aug 03 j 12:14	22°♐30'06	7.89820 AU
direct	-6516 Oct 08 j 11:53	19°♐01'55	
evening set	-6515 Jan 19 j 06:05	27°♐18'42	
conjunction	-6515 Feb 06 j 02:31	29°♐40'48	-1°52'01
minimum elong	-6515 Feb 06 j 02:27	29°♐40'47	1°52'27
max. Earth dist.	-6515 Feb 06 j 12:06	29°♐44'00	9.86455 AU
	-6515 Feb 08 j 12:00	0°♑	
morning rise	-6515 Feb 24 j 03:14	2°♑04'19	
retrograde	-6515 Jun 12 j 07:07	10°♑45'53	
opposition	-6515 Aug 18 j 14:24	7°♑13'42	-2°34'26
min. Earth dist.	-6515 Aug 18 j 04:52	7°♑15'42	7.84306 AU
direct	-6515 Oct 23 j 04:45	3°♑45'30	
evening set	-6514 Feb 03 j 21:21	12°♑09'18	
conjunction	-6514 Feb 21 j 20:31	14°♑32'41	-2°11'36
minimum elong	-6514 Feb 21 j 20:28	14°♑32'40	2°12'02
max. Earth dist.	-6514 Feb 22 j 10:33	14°♑37'23	9.82857 AU
morning rise	-6514 Mar 11 j 23:00	16°♑57'07	
retrograde	-6514 Jun 27 j 15:01	25°♑38'30	
opposition	-6514 Sep 02 j 11:14	22°♑06'24	-2°53'42
min. Earth dist.	-6514 Sep 01 j 23:00	22°♑08'58	7.82825 AU
direct	-6514 Nov 07 j 04:31	18°♑37'06	
evening set	-6513 Feb 19 j 17:01	27°♑04'43	
conjunction	-6513 Mar 09 j 18:11	29°♑28'26	-2°22'30
minimum elong	-6513 Mar 09 j 18:10	29°♑28'26	2°22'54
max. Earth dist.	-6513 Mar 10 j 11:49	29°♑34'20	9.83414 AU
	-6513 Mar 13 j 16:44	0°♒	
morning rise	-6513 Mar 27 j 21:29	1°♒52'45	
retrograde	-6513 Jul 12 j 16:57	10°♒29'28	
opposition	-6513 Sep 17 j 06:02	6°♒57'56	-3°01'16
min. Earth dist.	-6513 Sep 16 j 15:52	7°♒00'55	7.85466 AU
direct	-6513 Nov 22 j 07:07	3°♒27'51	
evening set	-6512 Mar 06 j 12:44	11°♒55'43	
conjunction	-6512 Mar 24 j 15:10	14°♒18'50	-2°23'55
minimum elong	-6512 Mar 24 j 15:11	14°♒18'50	2°24'15
max. Earth dist.	-6512 Mar 25 j 11:05	14°♒25'26	9.88058 AU
	-6512 Mar 29 j 19:22	15°♒	
morning rise	-6512 Apr 11 j 18:17	16°♒42'03	
retrograde	-6512 Jul 26 j 10:20	25°♒10'01	
opposition	-6512 Sep 30 j 20:05	21°♒39'32	-2°56'47
min. Earth dist.	-6512 Sep 30 j 04:37	21°♒42'47	7.91999 AU
direct	-6512 Dec 06 j 08:52	18°♒09'03	
evening set	-6511 Mar 22 j 03:45	26°♒33'34	
conjunction	-6511 Apr 09 j 06:36	28°♒55'14	-2°16'02
minimum elong	-6511 Apr 09 j 06:39	28°♒55'15	2°16'18
max. Earth dist.	-6511 Apr 10 j 03:40	29°♒02'08	9.96414 AU
	-6511 Apr 17 j 12:21	0°♓	
morning rise	-6511 Apr 27 j 08:38	1°♓16'31	
retrograde	-6511 Aug 09 j 18:01	9°♓32'41	
min. Earth dist.	-6511 Oct 14 j 11:20	6°♓06'59	8.01925 AU
opposition	-6511 Oct 15 j 03:32	6°♓03'37	-2°41'10
direct	-6511 Dec 21 j 06:40	2°♓33'07	
evening set	-6510 Apr 06 j 10:04	10°♓51'09	

Attention, astronomical year style is used: The year -6510 in astronomical counting style is the year 6511 BCE in historical counting style.

conjunction	-6510 Apr	24 j 12:27	13°♓10'40	-1°59'54	conjunction	-6504 Jul	11 j 15:59	29°♉26'55	0°51'10
minimum elong	-6510 Apr	24 j 12:31	13°♓10'41	2°00'04	minimum elong	-6504 Jul	11 j 15:57	29°♉26'54	0°51'32
max. Earth dist.	-6510 Apr	25 j 09:33	13°♓17'30	10.07860 AU	max. Earth dist.	-6504 Jul	11 j 17:24	29°♉27'20	10.96096 AU
morning rise	-6510 May	12 j 12:33	15°♓29'22			-6504 Jul	16 j 08:07	0°♊	
retrograde	-6510 Aug	23 j 15:19	23°♓31'53		morning rise	-6504 Jul	28 j 15:56	1°♊26'27	
min. Earth dist.	-6510 Oct	28 j 11:01	20°♓07'44	8.14544 AU	retrograde	-6504 Nov	03 j 22:54	8°♊20'14	
opposition	-6510 Oct	29 j 02:47	20°♓04'30	-2°16'15	opposition	-6503 Jan	11 j 14:35	5°♊03'24	1°18'42
direct	-6509 Jan	04 j 21:39	16°♓34'23		min. Earth dist.	-6503 Jan	11 j 14:59	5°♊03'20	9.01947 AU
evening set	-6509 Apr	21 j 05:27	24°♓43'40		direct	-6503 Mar	24 j 01:16	1°♊40'37	
					evening set	-6503 Jul	06 j 08:00	8°♊52'21	
conjunction	-6509 May	09 j 06:23	27°♓00'29	-1°37'10					
minimum elong	-6509 May	09 j 06:27	27°♓00'31	1°37'14	conjunction	-6503 Jul	23 j 08:23	10°♊50'49	1°17'23
max. Earth dist.	-6509 May	10 j 02:05	27°♓06'46	10.21607 AU	minimum elong	-6503 Jul	23 j 08:20	10°♊50'48	1°17'47
morning rise	-6509 May	27 j 03:46	29°♓16'08		max. Earth dist.	-6503 Jul	23 j 05:41	10°♊50'01	11.07293 AU
	-6509 Jun	02 j 01:58	0°♈		morning rise	-6503 Aug	09 j 03:48	12°♊47'54	
retrograde	-6509 Sep	06 j 01:13	7°♈04'17		retrograde	-6503 Nov	15 j 07:11	19°♊36'27	
opposition	-6509 Nov	11 j 17:01	3°♈38'48	-1°44'26	opposition	-6502 Jan	23 j 10:53	16°♊20'39	1°48'34
min. Earth dist.	-6509 Nov	11 j 02:56	3°♈41'39	8.29044 AU	min. Earth dist.	-6502 Jan	23 j 15:08	16°♊19'51	9.12065 AU
direct	-6508 Jan	19 j 05:19	0°♈09'26		direct	-6502 Apr	05 j 03:50	12°♊59'07	
evening set	-6508 May	04 j 12:22	8°♈08'37		evening set	-6502 Jul	17 j 21:36	20°♊04'35	
conjunction	-6508 May	22 j 10:46	10°♈22'21	-1°09'44	conjunction	-6502 Aug	03 j 17:16	22°♊00'51	1°40'08
minimum elong	-6508 May	22 j 10:49	10°♈22'22	1°09'43	minimum elong	-6502 Aug	03 j 17:13	22°♊00'50	1°40'33
max. Earth dist.	-6508 May	23 j 03:43	10°♈27'39	10.36798 AU	max. Earth dist.	-6502 Aug	03 j 10:03	21°♊58'46	11.16104 AU
morning rise	-6508 Jun	09 j 04:42	12°♈34'41		morning rise	-6502 Aug	20 j 08:44	23°♊55'57	
retrograde	-6508 Sep	17 j 22:47	20°♈08'51			-6502 Oct	28 j 18:27	0°♋	
opposition	-6508 Nov	23 j 22:25	16°♈45'21	-1°08'14	retrograde	-6502 Nov	26 j 14:27	0°♋41'17	
min. Earth dist.	-6508 Nov	23 j 11:07	16°♈47'37	8.44584 AU		-6502 Dec	25 j 23:02	30°℞♊	
direct	-6507 Feb	01 j 04:14	13°♈17'01		opposition	-6501 Feb	04 j 04:10	27°♊26'08	2°13'49
evening set	-6507 May	18 j 06:02	21°♈05'34		min. Earth dist.	-6501 Feb	04 j 11:26	27°♊24'48	9.19625 AU
					direct	-6501 Apr	17 j 02:40	24°♊05'43	
conjunction	-6507 Jun	05 j 00:57	23°♈16'00	-0°39'34		-6501 Jul	19 j 06:23	0°♋	
minimum elong	-6507 Jun	05 j 00:59	23°♈16'01	0°39'27	evening set	-6501 Jul	29 j 05:03	1°♋06'16	
max. Earth dist.	-6507 Jun	05 j 13:52	23°♈19'58	10.52587 AU					
morning rise	-6507 Jun	22 j 14:54	25°♈24'55		conjunction	-6501 Aug	14 j 20:36	3°♋00'51	1°58'51
	-6507 Aug	04 j 02:29	0°♉		minimum elong	-6501 Aug	14 j 20:33	3°♋00'50	1°59'17
retrograde	-6507 Sep	30 j 10:16	2°♉46'19		max. Earth dist.	-6501 Aug	14 j 10:13	2°♋57'51	11.22214 AU
	-6507 Nov	29 j 06:47	30°℞♈		morning rise	-6501 Aug	31 j 08:32	4°♋54'26	
opposition	-6507 Dec	06 j 19:09	29°♈24'45	-0°29'59	retrograde	-6501 Dec	07 j 20:25	11°♋38'30	
min. Earth dist.	-6507 Dec	06 j 10:38	29°♈26'25	8.60351 AU	opposition	-6500 Feb	15 j 19:44	8°♋23'37	2°33'53
direct	-6506 Feb	14 j 17:17	25°♈57'41		min. Earth dist.	-6500 Feb	16 j 05:10	8°♋21'53	9.24348 AU
	-6506 Apr	28 j 22:01	0°♉		direct	-6500 Apr	27 j 19:17	5°♋04'08	
evening set	-6506 May	31 j 11:03	3°♉35'44		evening set	-6500 Aug	08 j 08:00	12°♋01'11	
conjunction	-6506 Jun	18 j 01:48	5°♉42'53	-0°08'27	conjunction	-6500 Aug	24 j 20:11	13°♋54'36	2°13'05
minimum elong	-6506 Jun	18 j 01:47	5°♉42'53	0°08'15	minimum elong	-6500 Aug	24 j 20:09	13°♋54'35	2°13'30
behind sun begin	-6506 Jun	17 j 19:27	5°♉40'59		max. Earth dist.	-6500 Aug	24 j 07:33	13°♋50'57	11.25393 AU
behind sun end	-6506 Jun	18 j 08:08	5°♉44'47		morning rise	-6500 Sep	10 j 05:19	15°♋47'15	
max. Earth dist.	-6506 Jun	18 j 10:11	5°♉45'24	10.68192 AU	retrograde	-6500 Dec	18 j 04:53	22°♋31'56	
morning rise	-6506 Jul	05 j 11:22	7°♉48'26		opposition	-6499 Feb	26 j 11:01	19°♋16'58	2°48'18
asc. node	-6506 Sep	28 j 09:12	14°♉47'58		min. Earth dist.	-6499 Feb	26 j 23:17	19°♋14'44	9.26043 AU
retrograde	-6506 Oct	12 j 12:15	14°♉58'40		direct	-6499 May	09 j 09:01	15°♋58'10	
opposition	-6506 Dec	19 j 07:50	11°♉38'54	0°08'17	evening set	-6499 Aug	19 j 08:04	22°♋53'13	
min. Earth dist.	-6506 Dec	19 j 01:56	11°♉40'03	8.75593 AU					
direct	-6505 Feb	27 j 20:55	8°♉13'14		conjunction	-6499 Sep	04 j 17:38	24°♋46'03	2°22'28
	-6505 Jun	07 j 04:50	15°♉		minimum elong	-6499 Sep	04 j 17:37	24°♋46'03	2°22'53
evening set	-6505 Jun	13 j 04:11	15°♉41'28		max. Earth dist.	-6499 Sep	04 j 01:43	24°♋41'27	11.25494 AU
					morning rise	-6499 Sep	21 j 01:06	26°♋38'22	
conjunction	-6505 Jun	30 j 14:22	17°♉45'27	0°22'16		-6499 Oct	23 j 02:43	0°♌	
minimum elong	-6505 Jun	30 j 14:21	17°♉45'27	0°22'33	retrograde	-6499 Dec	29 j 12:56	3°♌25'31	
max. Earth dist.	-6505 Jun	30 j 18:57	17°♉46'49	10.82899 AU	opposition	-6498 Mar	10 j 03:14	0°♌10'08	2°56'44
morning rise	-6505 Jul	17 j 19:12	19°♉47'52		min. Earth dist.	-6498 Mar	10 j 18:32	0°♌07'22	9.24604 AU
retrograde	-6505 Oct	24 j 07:54	26°♉48'51			-6498 Mar	12 j 11:04	30°℞♋	
opposition	-6505 Dec	31 j 13:54	23°♉30'41	0°44'56	direct	-6498 May	20 j 19:19	26°♋51'48	
min. Earth dist.	-6505 Dec	31 j 10:41	23°♉31'18	8.89643 AU		-6498 Jul	24 j 20:00	0°♌	
direct	-6504 Mar	11 j 16:07	20°♉06'29		evening set	-6498 Aug	30 j 07:12	3°♌46'25	
evening set	-6504 Jun	24 j 10:39	27°♉25'52						

Attention, astronomical year style is used: The year -6498 in astronomical counting style is the year 6499 BCE in historical counting style.

conjunction	-6498 Sep 15 j 15:03	5°♌39'15	2°26'44
minimum elong	-6498 Sep 15 j 15:03	5°♌39'15	2°27'06
max. Earth dist.	-6498 Sep 14 j 20:15	5°♌33'48	11.22491 AU
morning rise	-6498 Oct 01 j 21:56	7°♌31'52	
retrograde	-6497 Jan 10 j 01:38	14°♌23'22	
opposition	-6497 Mar 21 j 21:38	11°♌07'12	2°58'52
min. Earth dist.	-6497 Mar 22 j 14:37	11°♌04'07	9.20088 AU
direct	-6497 Jun 01 j 07:54	7°♌49'04	
evening set	-6497 Sep 10 j 06:56	14°♌44'44	
	-6497 Sep 12 j 12:15	15°♌	
conjunction	-6497 Sep 26 j 14:22	16°♌38'13	2°25'39
minimum elong	-6497 Sep 26 j 14:23	16°♌38'13	2°25'59
max. Earth dist.	-6497 Sep 25 j 18:57	16°♌32'33	11.16526 AU
morning rise	-6497 Oct 12 j 21:36	18°♌31'44	
retrograde	-6496 Jan 21 j 21:33	25°♌29'17	
opposition	-6496 Apr 01 j 19:45	22°♌11'59	2°54'28
min. Earth dist.	-6496 Apr 02 j 12:55	22°♌08'51	9.12694 AU
direct	-6496 Jun 11 j 20:49	18°♌53'51	
evening set	-6496 Sep 20 j 09:04	25°♌51'54	
conjunction	-6496 Oct 06 j 17:11	27°♌46'39	2°19'06
minimum elong	-6496 Oct 06 j 17:13	27°♌46'40	2°19'21
max. Earth dist.	-6496 Oct 05 j 21:38	27°♌40'53	11.07833 AU
morning rise	-6496 Oct 23 j 01:54	29°♌41'42	
	-6496 Oct 25 j 17:33	0°♍	
retrograde	-6495 Feb 01 j 22:52	6°♍46'54	
opposition	-6495 Apr 13 j 22:37	3°♍28'11	2°43'23
min. Earth dist.	-6495 Apr 14 j 15:46	3°♍25'01	9.02697 AU
direct	-6495 Jun 23 j 11:11	0°♍09'45	
evening set	-6495 Oct 01 j 15:45	7°♍11'40	
max. Earth dist.	-6495 Oct 17 j 05:11	9°♍02'12	10.96726 AU
conjunction	-6495 Oct 18 j 01:26	9°♍08'15	2°07'01
minimum elong	-6495 Oct 18 j 01:29	9°♍08'16	2°07'12
morning rise	-6495 Nov 03 j 12:54	11°♍05'25	
retrograde	-6494 Feb 14 j 08:38	18°♍19'44	
opposition	-6494 Apr 26 j 07:10	14°♍59'22	2°25'33
min. Earth dist.	-6494 Apr 27 j 00:28	14°♍56'09	8.90463 AU
direct	-6494 Jul 05 j 06:13	11°♍40'23	
evening set	-6494 Oct 13 j 04:35	18°♍47'37	
conjunction	-6494 Oct 29 j 16:54	20°♍46'35	1°49'30
minimum elong	-6494 Oct 29 j 16:57	20°♍46'36	1°49'36
max. Earth dist.	-6494 Oct 28 j 21:22	20°♍40'40	10.83611 AU
morning rise	-6494 Nov 15 j 08:05	22°♍46'28	
	-6493 Feb 11 j 23:32	0°♎	
retrograde	-6493 Feb 27 j 02:11	0°♎11'17	
	-6493 Mar 14 j 08:11	30°℞♍	
opposition	-6493 May 08 j 22:40	26°♍49'03	2°01'07
min. Earth dist.	-6493 May 09 j 14:50	26°♍46'00	8.76451 AU
direct	-6493 Jul 17 j 06:21	23°♍29'19	
	-6493 Oct 18 j 23:45	0°♎	
evening set	-6493 Oct 25 j 01:23	0°♎43'17	
conjunction	-6493 Nov 10 j 17:22	2°♎45'08	1°26'49
minimum elong	-6493 Nov 10 j 17:25	2°♎45'09	1°26'50
max. Earth dist.	-6493 Nov 10 j 00:21	2°♎39'54	10.68976 AU
morning rise	-6493 Nov 27 j 12:58	4°♎48'10	
retrograde	-6492 Mar 11 j 06:48	12°♎24'42	
opposition	-6492 May 20 j 21:48	9°♎00'31	1°30'28
min. Earth dist.	-6492 May 21 j 11:24	8°♎57'55	8.61213 AU
direct	-6492 Jul 28 j 15:01	5°♎39'51	
evening set	-6492 Nov 05 j 08:28	13°♎01'54	
conjunction	-6492 Nov 22 j 04:49	15°♎07'03	0°59'30
minimum elong	-6492 Nov 22 j 04:52	15°♎07'04	0°59'27
max. Earth dist.	-6492 Nov 21 j 14:56	15°♎02'43	10.53412 AU
morning rise	-6492 Dec 09 j 05:25	17°♎13'38	
retrograde	-6491 Mar 24 j 23:20	25°♎02'40	
opposition	-6491 Jun 03 j 04:59	21°♎36'31	0°54'25
min. Earth dist.	-6491 Jun 03 j 15:13	21°♎34'32	8.45399 AU
direct	-6491 Aug 10 j 05:25	18°♎14'48	
evening set	-6491 Nov 18 j 03:30	25°♎46'11	
conjunction	-6491 Dec 05 j 04:31	27°♎54'53	0°28'27
minimum elong	-6491 Dec 05 j 04:33	27°♎54'53	0°28'18
max. Earth dist.	-6491 Dec 04 j 17:32	27°♎51'24	10.37611 AU
	-6491 Dec 21 j 17:38	0°♏	
morning rise	-6491 Dec 22 j 10:31	0°♏05'14	
retrograde	-6490 Apr 08 j 02:27	8°♏07'06	
opposition	-6490 Jun 16 j 20:54	4°♏39'07	0°14'12
min. Earth dist.	-6490 Jun 17 j 03:46	4°♏37'46	8.29752 AU
direct	-6490 Aug 23 j 04:26	1°♏16'13	
desc. node	-6490 Oct 22 j 20:32	4°♏26'40	
evening set	-6490 Dec 01 j 11:40	8°♏57'55	
conjunction	-6490 Dec 18 j 17:31	11°♏10'14	-0°05'09
minimum elong	-6490 Dec 18 j 17:31	11°♏10'14	0°05'24
behind sun begin	-6490 Dec 18 j 10:36	11°♏08'02	
behind sun end	-6490 Dec 19 j 00:27	11°♏12'26	
max. Earth dist.	-6490 Dec 18 j 10:11	11°♏07'54	10.22355 AU
morning rise	-6489 Jan 05 j 04:55	13°♏24'22	
	-6489 Jan 18 j 02:38	15°♏	
retrograde	-6489 Apr 22 j 14:50	21°♏38'45	
opposition	-6489 Jun 30 j 21:20	18°♏09'08	-0°28'18
min. Earth dist.	-6489 Jul 01 j 00:43	18°♏08'27	8.15102 AU
	-6489 Aug 20 j 04:46	15°℞♏	
direct	-6489 Sep 05 j 14:50	14°♏44'56	
	-6489 Sep 21 j 22:42	15°♏	
evening set	-6489 Dec 15 j 10:08	22°♏37'32	
conjunction	-6488 Jan 01 j 20:48	24°♏53'21	-0°39'21
minimum elong	-6488 Jan 01 j 20:46	24°♏53'20	0°39'40
max. Earth dist.	-6488 Jan 01 j 18:03	24°♏52'27	10.08487 AU
morning rise	-6488 Jan 19 j 13:11	27°♏11'00	
	-6488 Feb 11 j 12:14	0°♐	
retrograde	-6488 May 06 j 12:01	5°♐36'41	
opposition	-6488 Jul 14 j 05:22	2°♐05'43	-1°10'38
min. Earth dist.	-6488 Jul 14 j 05:02	2°♐05'47	8.02305 AU
	-6488 Aug 10 j 21:54	30°℞♏	
direct	-6488 Sep 18 j 11:02	28°♏40'12	
	-6488 Oct 26 j 04:29	0°♐	
evening set	-6488 Dec 28 j 22:44	6°♐43'37	
conjunction	-6487 Jan 15 j 13:54	9°♐02'32	-1°12'11
minimum elong	-6487 Jan 15 j 13:51	9°♐02'30	1°12'33
max. Earth dist.	-6487 Jan 15 j 16:37	9°♐03'26	9.96858 AU
morning rise	-6487 Feb 02 j 10:27	11°♐23'11	
retrograde	-6487 May 21 j 16:23	19°♐57'56	
opposition	-6487 Jul 28 j 19:49	16°♐26'02	-1°49'51
min. Earth dist.	-6487 Jul 28 j 15:23	16°♐26'57	7.92178 AU
direct	-6487 Oct 02 j 16:45	12°♐59'15	
evening set	-6486 Jan 13 j 00:12	21°♐12'33	
conjunction	-6486 Jan 30 j 19:13	23°♐33'55	-1°41'12
minimum elong	-6486 Jan 30 j 19:09	23°♐33'54	1°41'38
max. Earth dist.	-6486 Jan 31 j 03:52	23°♐36'48	9.88254 AU
morning rise	-6486 Feb 17 j 18:54	25°♐56'50	
	-6486 Mar 22 j 23:59	0°♑	
retrograde	-6486 Jun 06 j 00:41	4°♑37'25	
opposition	-6486 Aug 12 j 14:43	1°♑05'01	-2°22'50
min. Earth dist.	-6486 Aug 12 j 05:56	1°♑06'51	7.85430 AU
	-6486 Aug 25 j 19:53	30°℞♐	

Attention, astronomical year style is used: The year -6486 in astronomical counting style is the year 6487 BCE in historical counting style.

direct	-6486 Oct 17 j 06:55	27°♐37'06	
	-6486 Dec 07 j 03:15	0°♑	
evening set	-6485 Jan 28 j 12:04	5°♑58'24	
conjunction	-6485 Feb 15 j 10:14	8°♑21'25	-2°04'05
minimum elong	-6485 Feb 15 j 10:11	8°♑21'24	2°04'32
max. Earth dist.	-6485 Feb 16 j 00:20	8°♑26'08	9.83329 AU
morning rise	-6485 Mar 05 j 12:03	10°♑45'39	
retrograde	-6485 Jun 21 j 09:39	19°♑27'57	
opposition	-6485 Aug 27 j 11:33	15°♑55'35	-2°46'42
min. Earth dist.	-6485 Aug 26 j 23:02	15°♑58'13	7.82579 AU
direct	-6485 Nov 01 j 03:45	12°♑26'42	
evening set	-6484 Feb 13 j 06:36	20°♑53'14	
conjunction	-6484 Mar 02 j 07:09	23°♑16'59	-2°18'53
minimum elong	-6484 Mar 02 j 07:07	23°♑16'58	2°19'18
max. Earth dist.	-6484 Mar 03 j 01:41	23°♑23'11	9.82480 AU
morning rise	-6484 Mar 20 j 10:06	25°♑41'29	
	-6484 Apr 24 j 19:42	0°♒	
retrograde	-6484 Jul 05 j 15:12	4°♒21'00	
opposition	-6484 Sep 10 j 07:43	0°♒49'12	-2°59'24
min. Earth dist.	-6484 Sep 09 j 16:30	0°♒52'25	7.83846 AU
	-6484 Sep 20 j 04:01	30°℞♑	
direct	-6484 Nov 15 j 04:25	27°♑19'37	
	-6483 Jan 08 j 15:52	0°♒	
evening set	-6483 Feb 28 j 03:13	5°♒47'54	
conjunction	-6483 Mar 18 j 05:16	8°♒11'25	-2°24'24
minimum elong	-6483 Mar 18 j 05:16	8°♒11'25	2°24'46
max. Earth dist.	-6483 Mar 19 j 02:54	8°♒18'37	9.85788 AU
morning rise	-6483 Apr 05 j 08:21	10°♒35'12	
	-6483 May 11 j 23:11	15°♒	
retrograde	-6483 Jul 20 j 13:45	19°♒07'34	
min. Earth dist.	-6483 Sep 24 j 07:42	15°♒40'20	7.89150 AU
opposition	-6483 Sep 25 j 00:23	15°♒36'50	-3°00'01
	-6483 Oct 02 j 08:52	15°℞♒	
direct	-6483 Nov 30 j 05:53	12°♒06'52	
	-6482 Jan 26 j 12:05	15°♒	
evening set	-6482 Mar 15 j 21:03	20°♒33'14	
conjunction	-6482 Apr 02 j 23:47	22°♒55'36	-2°20'25
minimum elong	-6482 Apr 02 j 23:49	22°♒55'36	2°20'43
max. Earth dist.	-6482 Apr 03 j 22:49	23°♒03'11	9.93019 AU
morning rise	-6482 Apr 21 j 02:13	25°♒17'45	
	-6482 May 30 j 23:27	0°♓	
retrograde	-6482 Aug 04 j 03:16	3°♓39'24	
opposition	-6482 Oct 09 j 11:12	0°♓10'06	-2°48'58
min. Earth dist.	-6482 Oct 08 j 18:27	0°♓13'36	7.98102 AU
	-6482 Oct 11 j 11:37	30°℞♒	
direct	-6482 Dec 15 j 05:26	26°♒40'05	
	-6481 Feb 15 j 19:14	0°♓	
evening set	-6481 Mar 31 j 07:51	5°♓01'07	
conjunction	-6481 Apr 18 j 10:26	7°♓21'33	-2°07'38
minimum elong	-6481 Apr 18 j 10:30	7°♓21'34	2°07'50
max. Earth dist.	-6481 Apr 19 j 08:52	7°♓28'51	10.03625 AU
morning rise	-6481 May 06 j 11:26	9°♓41'22	
retrograde	-6481 Aug 18 j 05:39	17°♓49'46	
opposition	-6481 Oct 23 j 14:20	14°♓22'12	-2°27'45
min. Earth dist.	-6481 Oct 22 j 22:22	14°♓25'29	8.10031 AU
direct	-6481 Dec 30 j 00:24	10°♓52'28	
evening set	-6480 Apr 14 j 08:33	19°♓05'29	
conjunction	-6480 May 02 j 10:01	21°♓23'23	-1°47'29
minimum elong	-6480 May 02 j 10:05	21°♓23'24	1°47'36
max. Earth dist.	-6480 May 03 j 06:17	21°♓29'52	10.16803 AU
morning rise	-6480 May 20 j 08:42	23°♓40'17	
	-6480 Jul 20 j 00:03	0°♈	
retrograde	-6480 Aug 30 j 19:23	1°♈34'18	
	-6480 Oct 12 j 06:03	30°℞♓	
opposition	-6480 Nov 05 j 08:33	28°♓08'36	-1°58'35
min. Earth dist.	-6480 Nov 04 j 18:00	28°♓11'34	8.24068 AU
direct	-6479 Jan 12 j 13:18	24°♓39'29	
	-6479 Apr 05 j 22:37	0°♈	
evening set	-6479 Apr 28 j 20:57	2°♈42'46	
conjunction	-6479 May 16 j 20:22	4°♈57'41	-1°21'50
minimum elong	-6479 May 16 j 20:26	4°♈57'42	1°21'51
max. Earth dist.	-6479 May 17 j 13:33	5°♈03'06	10.31610 AU
morning rise	-6479 Jun 03 j 15:58	7°♈11'20	
retrograde	-6479 Sep 12 j 20:54	14°♈51'07	
opposition	-6479 Nov 18 j 17:40	11°♈27'21	-1°23'59
min. Earth dist.	-6479 Nov 18 j 05:02	11°♈29'53	8.39264 AU
direct	-6478 Jan 26 j 16:35	7°♈59'09	
evening set	-6478 May 12 j 20:12	15°♈51'57	
conjunction	-6478 May 30 j 16:44	18°♈03'42	-0°52'38
minimum elong	-6478 May 30 j 16:46	18°♈03'43	0°52'32
max. Earth dist.	-6478 May 31 j 06:31	18°♈07'58	10.47108 AU
morning rise	-6478 Jun 17 j 08:32	20°♈13'59	
retrograde	-6478 Sep 25 j 13:51	27°♈40'34	
opposition	-6478 Dec 01 j 17:58	24°♈18'41	-0°46'22
min. Earth dist.	-6478 Dec 01 j 08:00	24°♈20'39	8.54767 AU
direct	-6477 Feb 09 j 09:02	20°♈51'37	
evening set	-6477 May 26 j 06:52	28°♈33'58	
	-6477 Jun 07 j 04:11	0°♉	
conjunction	-6477 Jun 12 j 23:39	0°♉42'29	-0°21'42
minimum elong	-6477 Jun 12 j 23:40	0°♉42'29	0°21'31
max. Earth dist.	-6477 Jun 13 j 09:52	0°♉45'35	10.62527 AU
morning rise	-6477 Jun 30 j 11:03	2°♉49'24	
retrograde	-6477 Oct 07 j 21:22	10°♉04'13	
opposition	-6477 Dec 14 j 10:13	6°♉44'08	-0°07'53
min. Earth dist.	-6477 Dec 14 j 03:53	6°♉45'22	8.69896 AU
direct	-6476 Feb 22 j 15:38	3°♉18'16	
asc. node	-6476 Mar 01 j 04:02	3°♉21'03	
evening set	-6476 Jun 07 j 05:27	10°♉50'39	
conjunction	-6476 Jun 24 j 17:43	12°♉55'58	0°09'25
minimum elong	-6476 Jun 24 j 17:42	12°♉55'58	0°09'40
behind sun begin	-6476 Jun 24 j 11:50	12°♉54'13	
behind sun end	-6476 Jun 24 j 23:35	12°♉57'42	
max. Earth dist.	-6476 Jun 24 j 23:24	12°♉57'39	10.77229 AU
morning rise	-6476 Jul 12 j 00:29	14°♉59'41	
	-6476 Jul 12 j 01:34	15°♉	
retrograde	-6476 Oct 18 j 18:55	22°♉04'32	
opposition	-6476 Dec 25 j 19:29	18°♉45'59	0°29'39
min. Earth dist.	-6476 Dec 25 j 16:52	18°♉46'29	8.84046 AU
direct	-6475 Mar 06 j 15:11	15°♉21'20	
evening set	-6475 Jun 19 j 16:38	22°♉44'33	
conjunction	-6475 Jul 07 j 00:00	24°♉46'51	0°39'11
minimum elong	-6475 Jul 06 j 23:59	24°♉46'51	0°39'30
max. Earth dist.	-6475 Jul 07 j 00:51	24°♉47'06	10.90639 AU
morning rise	-6475 Jul 24 j 02:09	26°♉47'37	
	-6475 Aug 22 j 14:56	0°♊	
retrograde	-6475 Oct 30 j 10:48	3°♊44'28	
opposition	-6474 Jan 06 j 22:32	0°♊27'09	1°04'48
min. Earth dist.	-6474 Jan 06 j 23:01	0°♊27'04	8.96660 AU
	-6474 Jan 12 j 22:45	30°℞♉	
direct	-6474 Mar 19 j 05:44	27°♉03'43	
	-6474 May 20 j 23:29	0°♊	
evening set	-6474 Jul 01 j 18:00	4°♊18'50	

Attention, astronomical year style is used: The year -6474 in astronomical counting style is the year 6475 BCE in historical counting style.

conjunction	-6474 Jul 18 j 20:30	6°♊18'26	1°06'39	
minimum elong	-6474 Jul 18 j 20:27	6°♊18'25	1°07'02	
max. Earth dist.	-6474 Jul 18 j 17:20	6°♊17'30	11.02248 AU	
morning rise	-6474 Aug 04 j 18:03	8°♊16'36		
retrograde	-6474 Nov 10 j 21:31	15°♊07'24		
opposition	-6473 Jan 18 j 20:29	11°♊51'01	1°36'28	
min. Earth dist.	-6473 Jan 18 j 23:36	11°♊50'26	9.07260 AU	
direct	-6473 Mar 31 j 12:26	8°♊28'43		
evening set	-6473 Jul 13 j 10:54	15°♊37'01		
conjunction	-6473 Jul 30 j 08:45	17°♊34'17	1°30'59	
minimum elong	-6473 Jul 30 j 08:42	17°♊34'16	1°31'23	
max. Earth dist.	-6473 Jul 30 j 02:46	17°♊32'33	11.11637 AU	
morning rise	-6473 Aug 16 j 01:51	19°♊30'16		
retrograde	-6473 Nov 22 j 06:50	26°♊17'03		
opposition	-6472 Jan 30 j 15:05	23°♊01'18	2°03'48	
min. Earth dist.	-6472 Jan 30 j 21:23	23°♊00'08	9.15483 AU	
direct	-6472 Apr 11 j 12:32	19°♊40'01		
evening set	-6472 Jul 23 j 20:51	26°♊42'50		
conjunction	-6472 Aug 09 j 14:16	28°♊38'13	1°51'30	
minimum elong	-6472 Aug 09 j 14:13	28°♊38'12	1°51'54	
max. Earth dist.	-6472 Aug 09 j 04:58	28°♊35'31	11.18504 AU	
	-6472 Aug 21 j 09:34	0°♋		
morning rise	-6472 Aug 26 j 03:36	0°♋32'31		
retrograde	-6472 Dec 02 j 12:07	7°♋17'13		
opposition	-6471 Feb 10 j 07:31	4°♋01'47	2°26'09	
min. Earth dist.	-6471 Feb 10 j 17:18	3°♋59'59	9.21074 AU	
direct	-6471 Apr 23 j 06:17	0°♋41'22		
evening set	-6471 Aug 04 j 01:41	7°♋40'10		
conjunction	-6471 Aug 20 j 15:13	9°♋34'09	2°07'42	
minimum elong	-6471 Aug 20 j 15:10	9°♋34'09	2°08'07	
max. Earth dist.	-6471 Aug 20 j 02:06	9°♋30'22	11.22652 AU	
morning rise	-6471 Sep 06 j 01:39	11°♋27'18		
retrograde	-6471 Dec 13 j 18:06	18°♋11'52		
opposition	-6470 Feb 21 j 22:41	14°♋56'25	2°43'03	
min. Earth dist.	-6470 Feb 22 j 10:54	14°♋54'11	9.23863 AU	
direct	-6470 May 04 j 22:15	11°♋36'42		
evening set	-6470 Aug 15 j 02:51	18°♋32'56		
conjunction	-6470 Aug 31 j 13:29	20°♋26'07	2°19'12	
minimum elong	-6470 Aug 31 j 13:27	20°♋26'06	2°19'36	
max. Earth dist.	-6470 Aug 30 j 22:19	20°♋21'44	11.23959 AU	
morning rise	-6470 Sep 16 j 21:44	22°♋18'40		
retrograde	-6470 Dec 25 j 02:26	29°♋04'56		
opposition	-6469 Mar 05 j 14:19	25°♋49'10	2°54'05	
min. Earth dist.	-6469 Mar 06 j 03:53	25°♋46'41	9.23752 AU	
direct	-6469 May 16 j 10:36	22°♋30'03		
evening set	-6469 Aug 26 j 02:06	29°♋25'08		
	-6469 Aug 31 j 04:27	0°♌		
conjunction	-6469 Sep 11 j 10:46	1°♌18'03	2°25'40	
minimum elong	-6469 Sep 11 j 10:46	1°♌18'03	2°26'04	
max. Earth dist.	-6469 Sep 10 j 18:29	1°♌13'20	11.22377 AU	
morning rise	-6469 Sep 27 j 17:44	3°♌10'36		
retrograde	-6468 Jan 05 j 14:36	10°♌00'24		
opposition	-6468 Mar 16 j 07:48	6°♌44'02	2°58'56	
min. Earth dist.	-6468 Mar 16 j 22:40	6°♌41'19	9.20744 AU	
direct	-6468 May 26 j 21:58	3°♌25'19		
evening set	-6468 Sep 05 j 01:25	10°♌20'43		
conjunction	-6468 Sep 21 j 09:01	12°♌13'59	2°26'53	
minimum elong	-6468 Sep 21 j 09:01	12°♌13'59	2°27'14	
max. Earth dist.	-6468 Sep 20 j 14:49	12°♌08'41	11.17959 AU	
morning rise	-6468 Oct 07 j 15:57	14°♌07'09		
	-6468 Oct 15 j 11:32	15°♌		

retrograde	-6467 Jan 16 j 06:57	21°♌02'10		
opposition	-6467 Mar 28 j 04:16	17°♌44'57	2°57'18	
min. Earth dist.	-6467 Mar 28 j 20:51	17°♌41'55	9.14937 AU	
	-6467 May 11 j 14:40	15°℞♌		
direct	-6467 Jun 07 j 08:50	14°♌26'27		
	-6467 Jul 03 j 18:04	15°♌		
evening set	-6467 Sep 16 j 02:22	21°♌23'35		
conjunction	-6467 Oct 02 j 10:00	23°♌17'48	2°22'39	
minimum elong	-6467 Oct 02 j 10:01	23°♌17'49	2°22'56	
max. Earth dist.	-6467 Oct 01 j 14:33	23°♌12'05	11.10843 AU	
morning rise	-6467 Oct 18 j 18:08	25°♌12'14		
	-6467 Dec 05 j 12:00	0°♍		
retrograde	-6466 Jan 28 j 04:05	2°♍14'08		
	-6466 Mar 25 j 08:46	30°℞♌		
opposition	-6466 Apr 09 j 04:56	28°♌55'47	2°49'01	
min. Earth dist.	-6466 Apr 09 j 22:03	28°♌52'38	9.06499 AU	
direct	-6466 Jun 18 j 22:42	25°♌37'15		
	-6466 Sep 03 j 11:36	0°♍		
evening set	-6466 Sep 27 j 06:49	2°♍37'37		
conjunction	-6466 Oct 13 j 15:42	4°♍33'23	2°12'52	
minimum elong	-6466 Oct 13 j 15:45	4°♍33'24	2°13'05	
max. Earth dist.	-6466 Oct 12 j 20:52	4°♍27'47	11.01234 AU	
morning rise	-6466 Oct 30 j 01:54	6°♍29'37		
retrograde	-6465 Feb 09 j 11:12	13°♍40'00		
opposition	-6465 Apr 21 j 10:57	10°♍20'17	2°33'58	
min. Earth dist.	-6465 Apr 22 j 03:06	10°♍17'18	8.95700 AU	
direct	-6465 Jun 30 j 16:55	7°♍01'34		
evening set	-6465 Oct 08 j 16:48	14°♍06'31		
max. Earth dist.	-6465 Oct 24 j 10:22	15°♍59'07	10.89456 AU	
conjunction	-6465 Oct 25 j 03:59	16°♍04'24	1°57'35	
minimum elong	-6465 Oct 25 j 04:02	16°♍04'25	1°57'44	
morning rise	-6465 Nov 10 j 17:18	18°♍03'04		
retrograde	-6464 Feb 22 j 02:35	25°♍23'19		
opposition	-6464 May 02 j 23:32	22°♍02'02	2°12'14	
min. Earth dist.	-6464 May 03 j 14:11	21°♍59'18	8.82928 AU	
direct	-6464 Jul 11 j 13:34	18°♍42'55		
evening set	-6464 Oct 19 j 10:12	25°♍53'52		
max. Earth dist.	-6464 Nov 04 j 07:42	27°♍49'16	10.75943 AU	
conjunction	-6464 Nov 05 j 00:30	27°♍54'24	1°36'59	
minimum elong	-6464 Nov 05 j 00:33	27°♍54'25	1°37'03	
morning rise	-6464 Nov 21 j 18:02	29°♍55'59		
	-6464 Nov 22 j 07:29	0°♎		
retrograde	-6463 Mar 06 j 03:15	7°♎27'20		
opposition	-6463 May 15 j 19:28	4°♎04'22	1°44'04	
min. Earth dist.	-6463 May 16 j 08:47	4°♎01'50	8.68668 AU	
direct	-6463 Jul 23 j 17:50	0°♎44'34		
evening set	-6463 Oct 31 j 12:58	8°♎02'55		
conjunction	-6463 Nov 17 j 07:10	10°♎06'31	1°11'30	
minimum elong	-6463 Nov 17 j 07:13	10°♎06'32	1°11'29	
max. Earth dist.	-6463 Nov 16 j 15:57	10°♎01'49	10.61217 AU	
morning rise	-6463 Dec 04 j 05:35	12°♎11'28		
retrograde	-6462 Mar 19 j 14:21	19°♎54'48		
opposition	-6462 May 28 j 23:17	16°♎30'05	1°10'08	
min. Earth dist.	-6462 May 29 j 10:45	16°♎27'52	8.53508 AU	
direct	-6462 Aug 05 j 05:21	13°♎09'24		
evening set	-6462 Nov 13 j 02:43	20°♎36'23		
conjunction	-6462 Nov 30 j 01:30	22°♎43'22	0°41'53	
minimum elong	-6462 Nov 30 j 01:32	22°♎43'23	0°41'46	
max. Earth dist.	-6462 Nov 29 j 13:36	22°♎39'38	10.45898 AU	
morning rise	-6462 Dec 17 j 05:09	24°♎51'57		
	-6461 Feb 02 j 07:05	0°♏		

Attention, astronomical year style is used: The year -6461 in astronomical counting style is the year 6462 BCE in historical counting style.

retrograde	-6461 Apr 02 j 11:32	2°♏47'50	
	-6461 Jun 03 j 04:07	30°℞♎	
opposition	-6461 Jun 11 j 11:34	29°♎21'18	0°31'29
min. Earth dist.	-6461 Jun 11 j 20:05	29°♎19'38	8.38119 AU
direct	-6461 Aug 18 j 02:03	25°♎59'34	
	-6461 Oct 26 j 07:08	0°♏	
evening set	-6461 Nov 26 j 04:57	3°♏36'13	
conjunction	-6461 Dec 13 j 08:42	5°♏46'46	0°09'15
minimum elong	-6461 Dec 13 j 08:42	5°♏46'46	0°09'03
behind sun begin	-6461 Dec 13 j 02:36	5°♏44'50	
behind sun end	-6461 Dec 13 j 14:48	5°♏48'42	
max. Earth dist.	-6461 Dec 13 j 00:58	5°♏44'19	10.30664 AU
morning rise	-6461 Dec 30 j 17:37	7°♏59'03	
	-6460 Mar 10 j 08:15	15°♏	
desc. node	-6460 Mar 25 j 10:52	15°♏43'52	
retrograde	-6460 Apr 15 j 19:14	16°♏07'28	
	-6460 May 22 j 18:00	15°℞♏	
opposition	-6460 Jun 24 j 08:09	12°♏39'12	-0°10'16
min. Earth dist.	-6460 Jun 24 j 12:52	12°♏38'15	8.23198 AU
direct	-6460 Aug 30 j 08:25	9°♏16'14	
	-6460 Nov 22 j 04:17	15°♏	
evening set	-6460 Dec 08 j 21:06	17°♏03'23	
conjunction	-6460 Dec 26 j 05:44	19°♏17'29	-0°24'57
minimum elong	-6460 Dec 26 j 05:42	19°♏17'28	0°25'14
max. Earth dist.	-6460 Dec 26 j 01:59	19°♏16'16	10.16224 AU
morning rise	-6459 Jan 12 j 19:42	21°♏33'22	
retrograde	-6459 Apr 30 j 13:23	29°♏53'36	
opposition	-6459 Jul 08 j 12:32	26°♏23'50	-0°52'55
min. Earth dist.	-6459 Jul 08 j 13:26	26°♏23'39	8.09492 AU
direct	-6459 Sep 12 j 22:57	22°♏59'34	
	-6459 Dec 15 j 14:04	0°♐	
evening set	-6459 Dec 23 j 03:24	0°♐57'37	
conjunction	-6458 Jan 09 j 16:34	3°♐15'00	-0°58'37
minimum elong	-6458 Jan 09 j 16:31	3°♐14'59	0°58'58
max. Earth dist.	-6458 Jan 09 j 17:02	3°♐15'10	10.03395 AU
morning rise	-6458 Jan 27 j 11:05	5°♐34'11	
retrograde	-6458 May 15 j 16:00	14°♐04'38	
opposition	-6458 Jul 23 j 00:09	10°♐33'41	-1°33'47
min. Earth dist.	-6458 Jul 22 j 21:10	10°♐34'18	7.97884 AU
direct	-6458 Sep 26 j 23:18	7°♐08'03	
evening set	-6457 Jan 06 j 23:07	15°♐16'34	
conjunction	-6457 Jan 24 j 16:20	17°♐36'44	-1°29'31
minimum elong	-6457 Jan 24 j 16:16	17°♐36'42	1°29'55
max. Earth dist.	-6457 Jan 24 j 21:23	17°♐38'24	9.93101 AU
morning rise	-6457 Feb 11 j 14:37	19°♐58'33	
retrograde	-6457 May 30 j 23:05	28°♐36'28	
opposition	-6457 Aug 06 j 17:15	25°♐04'43	-2°09'45
min. Earth dist.	-6457 Aug 06 j 10:46	25°♐06'04	7.89256 AU
direct	-6457 Oct 11 j 09:57	21°♐37'42	
evening set	-6456 Jan 22 j 06:40	29°♐55'16	
	-6456 Jan 22 j 21:09	0°♑	
conjunction	-6456 Feb 09 j 03:19	2°♑17'29	-1°55'16
minimum elong	-6456 Feb 09 j 03:16	2°♑17'28	1°55'42
max. Earth dist.	-6456 Feb 09 j 13:09	2°♑20'46	9.86150 AU
morning rise	-6456 Feb 27 j 04:20	4°♑41'05	
retrograde	-6456 Jun 14 j 07:33	13°♑22'38	
opposition	-6456 Aug 20 j 13:18	9°♑50'32	-2°37'48
min. Earth dist.	-6456 Aug 20 j 03:43	9°♑52'32	7.84279 AU
direct	-6456 Oct 25 j 04:40	6°♑22'15	
evening set	-6455 Feb 05 j 22:32	14°♑46'26	
conjunction	-6455 Feb 23 j 21:54	17°♑09'50	-2°13'43
minimum elong	-6455 Feb 23 j 21:52	17°♑09'49	2°14'08
max. Earth dist.	-6455 Feb 24 j 12:17	17°♑14'38	9.83094 AU
morning rise	-6455 Mar 14 j 00:32	19°♑34'13	
retrograde	-6455 Jun 29 j 13:42	28°♑15'01	
opposition	-6455 Sep 04 j 09:51	24°♑43'03	-2°55'29
min. Earth dist.	-6455 Sep 03 j 21:25	24°♑45'40	7.83333 AU
direct	-6455 Nov 09 j 04:47	21°♑13'45	
evening set	-6454 Feb 21 j 18:12	29°♑41'16	
	-6454 Feb 24 j 03:22	0°♒	
conjunction	-6454 Mar 11 j 19:31	2°♒04'53	-2°23'18
minimum elong	-6454 Mar 11 j 19:31	2°♒04'53	2°23'41
max. Earth dist.	-6454 Mar 12 j 13:44	2°♒10'58	9.84178 AU
morning rise	-6454 Mar 29 j 22:46	4°♒29'01	
retrograde	-6454 Jul 14 j 14:05	13°♒04'39	
opposition	-6454 Sep 19 j 04:02	9°♒33'18	-3°01'22
min. Earth dist.	-6454 Sep 18 j 13:17	9°♒36'24	7.86480 AU
direct	-6454 Nov 24 j 06:24	6°♒03'16	
evening set	-6453 Mar 09 j 13:16	14°♒30'32	
	-6453 Mar 13 j 07:45	15°♒	
conjunction	-6453 Mar 27 j 15:48	16°♒53'27	-2°23'23
minimum elong	-6453 Mar 27 j 15:50	16°♒53'28	2°23'42
max. Earth dist.	-6453 Mar 28 j 12:34	17°♒00'20	9.89310 AU
morning rise	-6453 Apr 14 j 18:45	19°♒16'24	
retrograde	-6453 Jul 29 j 07:06	27°♒42'52	
opposition	-6453 Oct 03 j 17:08	24°♒12'35	-2°55'15
min. Earth dist.	-6453 Oct 03 j 00:56	24°♒15'59	7.93460 AU
direct	-6453 Dec 09 j 06:57	20°♒42'11	
evening set	-6452 Mar 24 j 03:13	29°♒05'42	
	-6452 Mar 31 j 03:25	0°♓	
conjunction	-6452 Apr 11 j 06:07	1°♓27'05	-2°14'16
minimum elong	-6452 Apr 11 j 06:11	1°♓27'06	2°14'31
max. Earth dist.	-6452 Apr 12 j 04:01	1°♓34'16	9.98076 AU
morning rise	-6452 Apr 29 j 07:53	3°♓48'01	
retrograde	-6452 Aug 11 j 14:21	12°♓02'23	
opposition	-6452 Oct 16 j 23:26	8°♓33'33	-2°38'13
min. Earth dist.	-6452 Oct 16 j 06:56	8°♓36'58	8.03739 AU
direct	-6452 Dec 23 j 03:41	5°♓03'10	
evening set	-6451 Apr 08 j 08:12	13°♓19'55	
conjunction	-6451 Apr 26 j 10:28	15°♓39'04	-1°57'07
minimum elong	-6451 Apr 26 j 10:32	15°♓39'05	1°57'16
max. Earth dist.	-6451 Apr 27 j 08:03	15°♓46'02	10.09823 AU
morning rise	-6451 May 14 j 10:12	17°♓57'22	
retrograde	-6451 Aug 25 j 10:01	25°♓57'55	
opposition	-6451 Oct 30 j 21:27	22°♓30'48	-2°12'12
min. Earth dist.	-6451 Oct 30 j 06:02	22°♓33'58	8.16604 AU
direct	-6450 Jan 06 j 18:21	19°♓00'51	
evening set	-6450 Apr 23 j 01:53	27°♓08'39	
conjunction	-6450 May 11 j 02:30	29°♓25'03	-1°33'37
minimum elong	-6450 May 11 j 02:34	29°♓25'04	1°33'40
max. Earth dist.	-6450 May 11 j 21:58	29°♓31'13	10.23757 AU
	-6450 May 15 j 16:40	0°♈	
morning rise	-6450 May 28 j 23:31	1°♈40'15	
retrograde	-6450 Sep 07 j 17:16	9°♈26'28	
opposition	-6450 Nov 13 j 10:22	6°♈01'16	-1°39'38
min. Earth dist.	-6450 Nov 12 j 21:07	6°♈03'57	8.31240 AU
direct	-6449 Jan 21 j 00:50	2°♈32'02	
evening set	-6449 May 07 j 06:56	10°♈29'40	
conjunction	-6449 May 25 j 04:54	12°♈42'57	-1°05'42
minimum elong	-6449 May 25 j 04:58	12°♈42'58	1°05'39
max. Earth dist.	-6449 May 25 j 20:49	12°♈47'55	10.39019 AU
morning rise	-6449 Jun 11 j 22:30	14°♈54'50	

Attention, astronomical year style is used: The year -6449 in astronomical counting style is the year 6450 BCE in historical counting style.

retrograde	-6449 Sep 20 j 13:37	22°♈27'12	
opposition	-6449 Nov 26 j 14:22	19°♈03'57	-1°03'01
min. Earth dist.	-6449 Nov 26 j 03:42	19°♈06'05	8.46794 AU
direct	-6448 Feb 03 j 22:11	15°♈35'46	
evening set	-6448 May 19 j 22:54	23°♈22'47	
conjunction	-6448 Jun 06 j 17:20	25°♈32'48	-0°35'18
minimum elong	-6448 Jun 06 j 17:21	25°♈32'48	0°35'09
max. Earth dist.	-6448 Jun 07 j 05:00	25°♈36'23	10.54759 AU
morning rise	-6448 Jun 24 j 06:53	27°♈41'15	
	-6448 Jul 14 j 06:50	0°♉	
retrograde	-6448 Oct 01 j 23:07	5°♉01'02	
opposition	-6448 Dec 08 j 09:48	1°♉39'41	-0°24'39
min. Earth dist.	-6448 Dec 08 j 01:22	1°♉41'20	8.62458 AU
	-6448 Dec 30 j 13:09	30°℞♈	
direct	-6447 Feb 16 j 10:22	28°♈12'46	
	-6447 Apr 04 j 16:59	0°♉	
evening set	-6447 Jun 02 j 02:12	5°♉49'24	
conjunction	-6447 Jun 19 j 16:29	7°♉56'07	-0°04'10
minimum elong	-6447 Jun 19 j 16:29	7°♉56'07	0°03'57
behind sun begin	-6447 Jun 19 j 09:24	7°♉54'00	
behind sun end	-6447 Jun 19 j 23:34	7°♉58'14	
max. Earth dist.	-6447 Jun 20 j 00:25	7°♉58'30	10.70209 AU
morning rise	-6447 Jul 07 j 01:31	10°♉01'16	
asc. node	-6447 Aug 08 j 22:13	13°♉37'21	
	-6447 Aug 24 j 07:41	15°♉	
retrograde	-6447 Oct 14 j 00:27	17°♉10'10	
	-6447 Dec 05 j 14:09	15°℞♉	
opposition	-6447 Dec 20 j 21:28	13°♉50'33	0°13'29
min. Earth dist.	-6447 Dec 20 j 15:36	13°♉51'41	8.77502 AU
direct	-6446 Mar 01 j 13:08	10°♉25'02	
	-6446 May 19 j 20:07	15°♉	
evening set	-6446 Jun 14 j 17:44	17°♉51'58	
conjunction	-6446 Jul 02 j 03:28	19°♉55'35	0°26'23
minimum elong	-6446 Jul 02 j 03:27	19°♉55'34	0°26'42
max. Earth dist.	-6446 Jul 02 j 08:04	19°♉56'57	10.84675 AU
morning rise	-6446 Jul 19 j 07:41	21°♉57'35	
retrograde	-6446 Oct 25 j 20:30	28°♉57'31	
opposition	-6445 Jan 02 j 02:38	25°♉39'29	0°49'49
min. Earth dist.	-6445 Jan 02 j 00:11	25°♉39'57	8.91277 AU
direct	-6445 Mar 14 j 04:47	22°♉15'24	
evening set	-6445 Jun 26 j 23:02	29°♉33'43	
	-6445 Jun 30 j 17:51	0°♊	
conjunction	-6445 Jul 14 j 03:49	1°♊34'26	0°54'59
minimum elong	-6445 Jul 14 j 03:46	1°♊34'26	0°55'21
max. Earth dist.	-6445 Jul 14 j 04:27	1°♊34'38	10.97560 AU
morning rise	-6445 Jul 31 j 03:14	3°♊33'39	
retrograde	-6445 Nov 06 j 08:26	10°♊26'38	
opposition	-6444 Jan 14 j 02:31	7°♊09'54	1°23'06
min. Earth dist.	-6444 Jan 14 j 04:07	7°♊09'36	9.03250 AU
direct	-6444 Mar 25 j 13:47	3°♊47'11	
evening set	-6444 Jul 07 j 19:23	10°♊58'07	
conjunction	-6444 Jul 24 j 19:09	12°♊56'17	1°20'46
minimum elong	-6444 Jul 24 j 19:06	12°♊56'16	1°21'10
max. Earth dist.	-6444 Jul 24 j 14:58	12°♊55'04	11.08402 AU
morning rise	-6444 Aug 10 j 14:12	14°♊53'08	
retrograde	-6444 Nov 16 j 17:42	21°♊41'12	
opposition	-6443 Jan 24 j 22:20	18°♊25'26	1°52'23
min. Earth dist.	-6443 Jan 25 j 03:03	18°♊24'34	9.12993 AU
direct	-6443 Apr 06 j 17:17	15°♊03'59	
evening set	-6443 Jul 19 j 08:03	22°♊08'51	
conjunction	-6443 Aug 05 j 03:15	24°♊04'54	1°43'00
minimum elong	-6443 Aug 05 j 03:12	24°♊04'54	1°43'25
max. Earth dist.	-6443 Aug 04 j 19:31	24°♊02'40	11.16826 AU
morning rise	-6443 Aug 21 j 18:19	25°♊59'49	
	-6443 Sep 29 j 20:01	0°♋	
retrograde	-6443 Nov 28 j 00:14	2°♋44'57	
	-6442 Jan 29 j 18:14	30°℞♊	
opposition	-6442 Feb 05 j 15:16	29°♊29'48	2°16'58
min. Earth dist.	-6442 Feb 05 j 22:25	29°♊28'29	9.20154 AU
direct	-6442 Apr 18 j 13:37	26°♊09'28	
	-6442 Jun 30 j 16:24	0°♋	
evening set	-6442 Jul 30 j 14:57	3°♋09'38	
conjunction	-6442 Aug 16 j 06:12	5°♋04'05	2°01'08
minimum elong	-6442 Aug 16 j 06:09	5°♋04'04	2°01'33
max. Earth dist.	-6442 Aug 15 j 19:58	5°♋01'07	11.22536 AU
morning rise	-6442 Sep 01 j 17:43	6°♋57'33	
retrograde	-6442 Dec 09 j 07:29	13°♋41'40	
opposition	-6441 Feb 17 j 06:41	10°♋26'46	2°36'16
min. Earth dist.	-6441 Feb 17 j 16:36	10°♋24'57	9.24480 AU
direct	-6441 Apr 30 j 06:25	7°♋07'20	
evening set	-6441 Aug 10 j 17:40	14°♋04'15	
conjunction	-6441 Aug 27 j 05:30	15°♋57'36	2°14'43
minimum elong	-6441 Aug 27 j 05:28	15°♋57'35	2°15'08
max. Earth dist.	-6441 Aug 26 j 16:08	15°♋53'44	11.25331 AU
morning rise	-6441 Sep 12 j 14:25	17°♋50'12	
retrograde	-6441 Dec 20 j 14:39	24°♋35'09	
opposition	-6440 Feb 28 j 22:09	21°♋20'09	2°49'53
min. Earth dist.	-6440 Feb 29 j 11:21	21°♋17'45	9.25809 AU
direct	-6440 May 10 j 18:36	18°♋01'23	
evening set	-6440 Aug 20 j 17:39	24°♋56'27	
max. Earth dist.	-6440 Sep 05 j 10:08	26°♋44'26	11.25090 AU
conjunction	-6440 Sep 06 j 02:54	26°♋49'17	2°23'25
minimum elong	-6440 Sep 06 j 02:53	26°♋49'16	2°23'49
morning rise	-6440 Sep 22 j 10:20	28°♋41'38	
	-6440 Oct 04 j 05:03	0°♌	
retrograde	-6440 Dec 30 j 23:23	5°♌29'17	
opposition	-6439 Mar 11 j 14:42	2°♌13'48	2°57'27
min. Earth dist.	-6439 Mar 12 j 06:20	2°♌10'58	9.24038 AU
	-6439 Apr 14 j 07:43	30°℞♋	
direct	-6439 May 22 j 07:03	28°♋55'27	
	-6439 Jun 28 j 09:49	0°♌	
evening set	-6439 Aug 31 j 16:49	5°♌50'15	
max. Earth dist.	-6439 Sep 16 j 06:05	7°♌37'46	11.21760 AU
conjunction	-6439 Sep 17 j 00:40	7°♌43'10	2°26'57
minimum elong	-6439 Sep 17 j 00:40	7°♌43'10	2°27'18
morning rise	-6439 Oct 03 j 07:31	9°♌35'52	
	-6439 Nov 29 j 10:36	15°♌	
retrograde	-6438 Jan 11 j 14:06	16°♌28'03	
	-6438 Feb 25 j 02:55	15°℞♌	
opposition	-6438 Mar 23 j 09:25	13°♌11'45	2°58'41
min. Earth dist.	-6438 Mar 24 j 02:03	13°♌08'44	9.19183 AU
direct	-6438 Jun 02 j 19:15	9°♌53'37	
	-6438 Aug 26 j 05:17	15°♌	
evening set	-6438 Sep 11 j 16:55	16°♌49'37	
max. Earth dist.	-6438 Sep 27 j 05:12	18°♌37'38	11.15447 AU
conjunction	-6438 Sep 28 j 00:29	18°♌43'16	2°25'06
minimum elong	-6438 Sep 28 j 00:30	18°♌43'16	2°25'24
morning rise	-6438 Oct 14 j 07:46	20°♌36'58	
retrograde	-6437 Jan 23 j 09:53	27°♌35'25	
opposition	-6437 Apr 04 j 08:12	24°♌17'59	2°53'21
min. Earth dist.	-6437 Apr 05 j 01:28	24°♌14'49	9.11436 AU
direct	-6437 Jun 14 j 07:08	20°♌59'49	
evening set	-6437 Sep 22 j 19:44	27°♌58'28	

Attention, astronomical year style is used: The year -6437 in astronomical counting style is the year 6438 BCE in historical counting style.

max. Earth dist.	-6437 Oct 08 j 07:33	29°♌47'25	11.06414 AU
conjunction	-6437 Oct 09 j 03:56	29°♌53'26	2°17'46
minimum elong	-6437 Oct 09 j 03:58	29°♌53'27	2°18'00
	-6437 Oct 10 j 02:10	0°♍	
morning rise	-6437 Oct 25 j 12:58	1°♍48'44	
retrograde	-6436 Feb 04 j 12:58	8°♍55'05	
opposition	-6436 Apr 15 j 12:02	5°♍36'14	2°41'18
min. Earth dist.	-6436 Apr 16 j 05:54	5°♍32'56	9.01113 AU
direct	-6436 Jun 24 j 22:49	2°♍17'44	
evening set	-6436 Oct 03 j 03:15	9°♍20'28	
conjunction	-6436 Oct 19 j 13:11	11°♍17'21	2°04'53
minimum elong	-6436 Oct 19 j 13:14	11°♍17'22	2°05'04
max. Earth dist.	-6436 Oct 18 j 16:27	11°♍11'09	10.95007 AU
morning rise	-6436 Nov 05 j 01:07	13°♍14'53	
retrograde	-6435 Feb 15 j 22:37	20°♍30'34	
opposition	-6435 Apr 27 j 21:40	17°♍10'01	2°22'31
min. Earth dist.	-6435 Apr 28 j 15:21	17°♍06'43	8.88602 AU
direct	-6435 Jul 06 j 18:39	13°♍50'57	
evening set	-6435 Oct 14 j 17:09	20°♍59'14	
max. Earth dist.	-6435 Oct 30 j 10:58	22°♍52'48	10.81639 AU
conjunction	-6435 Oct 31 j 05:59	22°♍58'34	1°46'36
minimum elong	-6435 Oct 31 j 06:02	22°♍58'35	1°46'42
morning rise	-6435 Nov 16 j 21:38	24°♍58'51	
	-6434 Jan 04 j 04:39	0°♎	
retrograde	-6434 Feb 28 j 18:30	2°♎25'16	
	-6434 Apr 27 j 18:55	30°℞♍	
opposition	-6434 May 10 j 14:15	29°♍02'50	1°57'09
min. Earth dist.	-6434 May 11 j 05:59	28°♍59'52	8.74368 AU
direct	-6434 Jul 18 j 21:18	25°♍43'01	
	-6434 Sep 30 j 12:23	0°♎	
evening set	-6434 Oct 26 j 15:23	2°♎58'11	
conjunction	-6434 Nov 12 j 07:56	5°♎00'29	1°23'13
minimum elong	-6434 Nov 12 j 08:00	5°♎00'30	1°23'13
max. Earth dist.	-6434 Nov 11 j 15:28	4°♎55'25	10.66814 AU
morning rise	-6434 Nov 29 j 04:02	7°♎03'59	
retrograde	-6433 Mar 14 j 02:19	14°♎42'15	
opposition	-6433 May 23 j 14:39	11°♎17'51	1°25'40
min. Earth dist.	-6433 May 24 j 03:33	11°♎15'23	8.58987 AU
direct	-6433 Jul 31 j 05:04	7°♎57'07	
evening set	-6433 Nov 08 j 00:07	15°♎20'31	
conjunction	-6433 Nov 24 j 20:58	17°♎26'09	0°55'18
minimum elong	-6433 Nov 24 j 21:01	17°♎26'09	0°55'13
max. Earth dist.	-6433 Nov 24 j 06:58	17°♎21'46	10.51159 AU
morning rise	-6433 Dec 11 j 22:13	19°♎33'15	
retrograde	-6432 Mar 26 j 19:25	27°♎24'06	
opposition	-6432 Jun 04 j 23:20	23°♎57'45	0°48'55
min. Earth dist.	-6432 Jun 05 j 09:14	23°♎55'49	8.43138 AU
direct	-6432 Aug 11 j 20:49	20°♎35'54	
evening set	-6432 Nov 19 j 20:56	28°♎08'47	
	-6432 Dec 04 j 13:52	0°♏	
conjunction	-6432 Dec 06 j 22:28	0°♏17'59	0°23'48
minimum elong	-6432 Dec 06 j 22:30	0°♏17'59	0°23'38
max. Earth dist.	-6432 Dec 06 j 11:16	0°♏14'26	10.35384 AU
morning rise	-6432 Dec 24 j 05:13	2°♏28'52	
retrograde	-6431 Apr 09 j 23:05	10°♏32'33	
opposition	-6431 Jun 18 j 16:39	7°♏04'22	0°08'15
min. Earth dist.	-6431 Jun 18 j 23:35	7°♏03'00	8.27578 AU
direct	-6431 Aug 24 j 22:44	3°♏41'17	
desc. node	-6431 Aug 31 j 12:03	3°♏43'41	
evening set	-6431 Dec 03 j 07:07	11°♏24'36	
conjunction	-6431 Dec 20 j 13:32	13°♏37'24	-0°10'00
minimum elong	-6431 Dec 20 j 13:31	13°♏37'24	0°10'16
behind sun begin	-6431 Dec 20 j 07:49	13°♏35'35	
behind sun end	-6431 Dec 20 j 19:13	13°♏39'13	
max. Earth dist.	-6431 Dec 20 j 06:36	13°♏35'11	10.20267 AU
	-6431 Dec 31 j 06:06	15°♏	
morning rise	-6430 Jan 07 j 01:34	15°♏52'02	
retrograde	-6430 Apr 24 j 12:58	24°♏08'07	
opposition	-6430 Jul 02 j 18:14	20°♏38'19	-0°34'24
min. Earth dist.	-6430 Jul 02 j 21:32	20°♏37'39	8.13134 AU
direct	-6430 Sep 07 j 10:13	17°♏13'56	
evening set	-6430 Dec 17 j 07:26	25°♏08'07	
conjunction	-6429 Jan 03 j 18:41	27°♏24'22	-0°44'10
minimum elong	-6429 Jan 03 j 18:39	27°♏24'21	0°44'30
max. Earth dist.	-6429 Jan 03 j 17:06	27°♏23'51	10.06659 AU
morning rise	-6429 Jan 21 j 11:31	29°♏42'27	
	-6429 Jan 23 j 18:28	0°♐	
retrograde	-6429 May 09 j 11:53	8°♐09'36	
opposition	-6429 Jul 17 j 03:22	4°♐38'28	-1°16'29
min. Earth dist.	-6429 Jul 17 j 02:21	4°♐38'41	8.00663 AU
direct	-6429 Sep 21 j 07:45	1°♐12'46	
evening set	-6429 Dec 31 j 21:44	9°♐17'38	
conjunction	-6428 Jan 18 j 13:27	11°♐36'54	-1°16'36
minimum elong	-6428 Jan 18 j 13:23	11°♐36'53	1°17'00
max. Earth dist.	-6428 Jan 18 j 17:43	11°♐38'19	9.95404 AU
morning rise	-6428 Feb 05 j 10:18	13°♐57'54	
retrograde	-6428 May 23 j 16:53	22°♐33'45	
opposition	-6428 Jul 30 j 18:36	19°♐01'41	-1°55'01
min. Earth dist.	-6428 Jul 30 j 13:02	19°♐02'50	7.90962 AU
direct	-6428 Oct 04 j 15:04	15°♐34'44	
evening set	-6427 Jan 15 j 00:47	23°♐49'15	
conjunction	-6427 Feb 01 j 20:14	26°♐10'53	-1°44'54
minimum elong	-6427 Feb 01 j 20:10	26°♐10'51	1°45'19
max. Earth dist.	-6427 Feb 02 j 06:10	26°♐14'11	9.87265 AU
morning rise	-6427 Feb 19 j 20:06	28°♐34'00	
	-6427 Mar 02 j 23:53	0°♑	
retrograde	-6427 Jun 08 j 01:19	7°♑15'08	
opposition	-6427 Aug 14 j 13:51	3°♑42'38	-2°26'52
min. Earth dist.	-6427 Aug 14 j 04:01	3°♑44'41	7.84712 AU
direct	-6427 Oct 19 j 06:04	0°♑14'32	
evening set	-6426 Jan 30 j 13:40	8°♑36'42	
conjunction	-6426 Feb 17 j 12:05	10°♑59'51	-2°06'45
minimum elong	-6426 Feb 17 j 12:02	10°♑59'50	2°07'10
max. Earth dist.	-6426 Feb 18 j 03:01	11°♑04'51	9.82864 AU
morning rise	-6426 Mar 07 j 13:59	13°♑24'09	
retrograde	-6426 Jun 23 j 09:51	22°♑06'25	
opposition	-6426 Aug 29 j 10:48	18°♑34'01	-2°49'15
min. Earth dist.	-6426 Aug 28 j 21:40	18°♑36'47	7.82396 AU
direct	-6426 Nov 03 j 02:51	15°♑04'58	
evening set	-6425 Feb 15 j 08:27	23°♑31'51	
conjunction	-6425 Mar 05 j 09:06	25°♑55'37	-2°20'17
minimum elong	-6425 Mar 05 j 09:05	25°♑55'36	2°20'41
max. Earth dist.	-6425 Mar 06 j 04:02	26°♑01'57	9.82565 AU
morning rise	-6425 Mar 23 j 12:07	28°♑20'05	
	-6425 Apr 05 j 11:32	0°♒	
retrograde	-6425 Jul 08 j 14:46	6°♒58'58	
opposition	-6425 Sep 13 j 06:40	3°♒27'12	-3°00'17
min. Earth dist.	-6425 Sep 12 j 15:21	3°♒30'25	7.84204 AU
	-6425 Nov 11 j 13:19	30°℞♑	
direct	-6425 Nov 18 j 03:12	29°♑57'28	
	-6425 Nov 24 j 18:09	0°♒	
evening set	-6424 Mar 02 j 04:52	8°♒25'38	

Attention, astronomical year style is used: The year -6424 in astronomical counting style is the year 6425 BCE in historical counting style.

conjunction	-6424 Mar 20 j 06:57	10°♒49'02	-2°24'27
minimum elong	-6424 Mar 20 j 06:58	10°♒49'02	2°24'48
max. Earth dist.	-6424 Mar 21 j 04:26	10°♒56'11	9.86408 AU
morning rise	-6424 Apr 07 j 10:05	13°♒12'40	
	-6424 Apr 21 j 11:21	15°♒	
retrograde	-6424 Jul 22 j 12:50	21°♒43'52	
opposition	-6424 Sep 26 j 22:36	18°♒13'14	-2°59'12
min. Earth dist.	-6424 Sep 26 j 06:13	18°♒16'40	7.90013 AU
	-6424 Nov 15 j 00:59	15°℞♒	
direct	-6424 Dec 02 j 05:11	14°♒43'09	
	-6424 Dec 19 j 10:52	15°♒	
evening set	-6423 Mar 17 j 21:56	23°♒08'57	
conjunction	-6423 Apr 05 j 00:38	25°♒31'06	-2°19'09
minimum elong	-6423 Apr 05 j 00:41	25°♒31'07	2°19'26
max. Earth dist.	-6423 Apr 05 j 23:10	25°♒38'31	9.94119 AU
morning rise	-6423 Apr 23 j 03:03	27°♒53'02	
	-6423 May 10 j 00:34	0°♓	
retrograde	-6423 Aug 06 j 00:45	6°♓13'06	
opposition	-6423 Oct 11 j 08:31	2°♓43'57	-2°46'35
min. Earth dist.	-6423 Oct 10 j 15:52	2°♓47'25	7.99406 AU
	-6423 Nov 18 j 04:35	30°℞♒	
direct	-6423 Dec 17 j 05:09	29°♒13'55	
	-6422 Jan 15 j 05:00	0°♓	
evening set	-6422 Apr 02 j 07:24	7°♓33'59	
conjunction	-6422 Apr 20 j 09:53	9°♓54'07	-2°05'13
minimum elong	-6422 Apr 20 j 09:57	9°♓54'08	2°05'24
max. Earth dist.	-6422 Apr 21 j 07:59	10°♓01'18	10.05133 AU
morning rise	-6422 May 08 j 10:45	12°♓13'37	
retrograde	-6422 Aug 20 j 00:34	20°♓20'15	
opposition	-6422 Oct 25 j 10:29	16°♓52'52	-2°24'05
min. Earth dist.	-6422 Oct 24 j 18:09	16°♓56'14	8.11706 AU
direct	-6422 Dec 31 j 23:57	13°♓23'13	
evening set	-6421 Apr 17 j 06:33	21°♓34'58	
conjunction	-6421 May 05 j 07:55	23°♓52'30	-1°44'10
minimum elong	-6421 May 05 j 07:59	23°♓52'31	1°44'15
max. Earth dist.	-6421 May 06 j 04:23	23°♓59'02	10.18656 AU
morning rise	-6421 May 23 j 06:21	26°♓09'00	
	-6421 Jun 25 j 08:06	0°♈	
retrograde	-6421 Sep 02 j 12:19	4°♈01'11	
opposition	-6421 Nov 08 j 03:23	0°♈35'42	-1°53'58
min. Earth dist.	-6421 Nov 07 j 12:11	0°♈38'47	8.26057 AU
	-6421 Nov 15 j 11:57	30°℞♓	
direct	-6420 Jan 15 j 10:48	27°♓06'43	
	-6420 Mar 14 j 19:40	0°♈	
evening set	-6420 Apr 30 j 17:21	5°♈08'30	
conjunction	-6420 May 18 j 16:36	7°♈23'01	-1°17'53
minimum elong	-6420 May 18 j 16:39	7°♈23'02	1°17'53
max. Earth dist.	-6420 May 19 j 10:30	7°♈28'38	10.33753 AU
morning rise	-6420 Jun 05 j 11:45	9°♈36'12	
retrograde	-6420 Sep 14 j 14:23	17°♈14'05	
opposition	-6420 Nov 20 j 11:16	13°♈50'32	-1°18'48
min. Earth dist.	-6420 Nov 19 j 22:19	13°♈53'07	8.41510 AU
direct	-6419 Jan 28 j 11:15	10°♈22'29	
evening set	-6419 May 14 j 14:51	18°♈13'36	
conjunction	-6419 Jun 01 j 11:00	20°♈24'54	-0°48'20
minimum elong	-6419 Jun 01 j 11:02	20°♈24'55	0°48'14
max. Earth dist.	-6419 Jun 02 j 01:22	20°♈29'20	10.49452 AU
morning rise	-6419 Jun 19 j 02:13	22°♈34'40	
retrograde	-6419 Sep 27 j 05:19	29°♈59'22	
opposition	-6419 Dec 03 j 10:18	26°♈37'44	-0°40'56
min. Earth dist.	-6419 Dec 03 j 00:50	26°♈39'36	8.57152 AU
direct	-6418 Feb 11 j 02:39	23°♈10'49	
	-6418 May 20 j 16:40	0°♉	
evening set	-6418 May 27 j 23:40	0°♉51'28	
conjunction	-6418 Jun 14 j 15:53	2°♉59'30	-0°17'18
minimum elong	-6418 Jun 14 j 15:54	2°♉59'30	0°17'07
max. Earth dist.	-6418 Jun 15 j 01:42	3°♉02'28	10.64917 AU
morning rise	-6418 Jul 02 j 02:47	5°♉05'56	
retrograde	-6418 Oct 09 j 09:53	12°♉19'04	
opposition	-6418 Dec 16 j 01:13	8°♉59'13	-0°02'30
min. Earth dist.	-6418 Dec 15 j 19:42	9°♉00'17	8.72255 AU
asc. node	-6417 Jan 09 j 18:41	7°♉10'16	
direct	-6417 Feb 24 j 09:13	5°♉33'31	
evening set	-6417 Jun 09 j 20:32	13°♉04'21	
	-6417 Jun 26 j 01:29	15°♉	
conjunction	-6417 Jun 27 j 08:10	15°♉09'11	0°13'41
minimum elong	-6417 Jun 27 j 08:09	15°♉09'11	0°13'57
behind sun begin	-6417 Jun 27 j 04:33	15°♉08'07	
behind sun end	-6417 Jun 27 j 11:46	15°♉10'15	
max. Earth dist.	-6417 Jun 27 j 12:37	15°♉10'30	10.79510 AU
morning rise	-6417 Jul 14 j 14:30	17°♉12'27	
retrograde	-6417 Oct 21 j 07:17	24°♉15'54	
opposition	-6417 Dec 28 j 09:15	20°♉57'34	0°34'45
min. Earth dist.	-6417 Dec 28 j 06:58	20°♉58'00	8.86230 AU
direct	-6416 Mar 08 j 06:41	17°♉33'08	
evening set	-6416 Jun 21 j 06:16	24°♉54'58	
conjunction	-6416 Jul 08 j 13:03	26°♉56'51	0°43'12
minimum elong	-6416 Jul 08 j 13:01	26°♉56'51	0°43'32
max. Earth dist.	-6416 Jul 08 j 13:10	26°♉56'54	10.92685 AU
morning rise	-6416 Jul 25 j 14:40	28°♉57'13	
	-6416 Aug 03 j 18:45	0°♊	
retrograde	-6416 Oct 31 j 21:53	5°♊52'58	
opposition	-6415 Jan 08 j 11:23	2°♊35'51	1°09'28
min. Earth dist.	-6415 Jan 08 j 11:48	2°♊35'46	8.98557 AU
	-6415 Feb 16 j 22:08	30°℞♉	
direct	-6415 Mar 20 j 20:14	29°♉12'38	
	-6415 Apr 21 j 11:28	0°♊	
evening set	-6415 Jul 03 j 06:20	6°♊26'37	
conjunction	-6415 Jul 20 j 08:21	8°♊25'51	1°10'16
minimum elong	-6415 Jul 20 j 08:18	8°♊25'50	1°10'39
max. Earth dist.	-6415 Jul 20 j 05:15	8°♊24'56	11.03966 AU
morning rise	-6415 Aug 06 j 05:15	10°♊23'40	
retrograde	-6415 Nov 12 j 09:34	17°♊13'42	
opposition	-6414 Jan 20 j 08:44	13°♊57'30	1°40'34
min. Earth dist.	-6414 Jan 20 j 12:28	13°♊56'48	9.08798 AU
direct	-6414 Apr 02 j 01:35	10°♊35'24	
evening set	-6414 Jul 14 j 22:16	17°♊42'48	
conjunction	-6414 Jul 31 j 19:35	19°♊39'47	1°34'06
minimum elong	-6414 Jul 31 j 19:32	19°♊39'46	1°34'30
max. Earth dist.	-6414 Jul 31 j 12:55	19°♊37'51	11.12963 AU
morning rise	-6414 Aug 17 j 12:13	21°♊35'30	
retrograde	-6414 Nov 23 j 16:49	28°♊21'47	
opposition	-6413 Feb 01 j 02:52	25°♊06'11	2°07'14
min. Earth dist.	-6413 Feb 01 j 10:24	25°♊04'47	9.16606 AU
direct	-6413 Apr 13 j 23:17	21°♊45'04	
evening set	-6413 Jul 26 j 07:36	28°♊47'17	
	-6413 Aug 05 j 21:40	0°♋	
conjunction	-6413 Aug 12 j 00:27	0°♋42'26	1°54'02
minimum elong	-6413 Aug 12 j 00:24	0°♋42'25	1°54'27
max. Earth dist.	-6413 Aug 11 j 13:39	0°♋39'19	11.19389 AU
morning rise	-6413 Aug 28 j 13:29	2°♋36'33	
retrograde	-6413 Dec 04 j 22:22	9°♋21'05	
opposition	-6412 Feb 12 j 18:57	6°♋05'44	2°28'52

Attention, astronomical year style is used: The year -6412 in astronomical counting style is the year 6413 BCE in historical counting style.

min. Earth dist.	-6412 Feb 13 j 05:31	6°♋03'48	9.21735 AU
direct	-6412 Apr 24 j 18:57	2°♋45'26	
evening set	-6412 Aug 05 j 11:52	9°♋43'53	
max. Earth dist.	-6412 Aug 21 j 11:17	11°♋33'46	11.23064 AU
conjunction	-6412 Aug 22 j 01:02	11°♋37'45	2°09'37
minimum elong	-6412 Aug 22 j 01:00	11°♋37'44	2°10'01
morning rise	-6412 Sep 07 j 11:11	13°♋30'46	
retrograde	-6412 Dec 15 j 05:07	20°♋15'27	
opposition	-6411 Feb 23 j 10:08	17°♋00'00	2°44'59
min. Earth dist.	-6411 Feb 23 j 22:22	16°♋57'46	9.24034 AU
direct	-6411 May 06 j 09:40	13°♋40'24	
evening set	-6411 Aug 16 j 12:39	20°♋36'29	
conjunction	-6411 Sep 01 j 23:07	22°♋29'37	2°20'26
minimum elong	-6411 Sep 01 j 23:05	22°♋29'36	2°20'50
max. Earth dist.	-6411 Sep 01 j 07:57	22°♋25'14	11.23876 AU
morning rise	-6411 Sep 18 j 07:06	24°♋22'09	
	-6411 Nov 18 j 17:14	0°♌	
retrograde	-6411 Dec 26 j 14:16	1°♌08'48	
	-6410 Feb 03 j 10:33	30°℞♋	
opposition	-6410 Mar 07 j 01:56	27°♋52'59	2°55'10
min. Earth dist.	-6410 Mar 07 j 15:56	27°♋50'26	9.23422 AU
direct	-6410 May 17 j 21:31	24°♋33'55	
	-6410 Aug 14 j 02:00	0°♌	
evening set	-6410 Aug 27 j 12:00	1°♌29'06	
conjunction	-6410 Sep 12 j 20:30	3°♌22'04	2°26'11
minimum elong	-6410 Sep 12 j 20:29	3°♌22'04	2°26'34
max. Earth dist.	-6410 Sep 12 j 03:14	3°♌17'04	11.21797 AU
morning rise	-6410 Sep 29 j 03:25	5°♌14'41	
retrograde	-6409 Jan 07 j 02:08	12°♌05'05	
opposition	-6409 Mar 18 j 19:42	8°♌48'39	2°59'08
min. Earth dist.	-6409 Mar 19 j 11:45	8°♌45'43	9.19924 AU
direct	-6409 May 29 j 08:06	5°♌29'54	
evening set	-6409 Sep 07 j 11:31	12°♌25'38	
conjunction	-6409 Sep 23 j 19:01	14°♌19'02	2°26'39
minimum elong	-6409 Sep 23 j 19:02	14°♌19'02	2°26'58
max. Earth dist.	-6409 Sep 22 j 23:39	14°♌13'23	11.16907 AU
	-6409 Sep 29 j 15:31	15°♌	
morning rise	-6409 Oct 10 j 02:08	16°♌12'22	
retrograde	-6408 Jan 18 j 17:48	23°♌08'16	
opposition	-6408 Mar 29 j 16:45	19°♌50'54	2°56'35
min. Earth dist.	-6408 Mar 30 j 10:01	19°♌47'44	9.13653 AU
direct	-6408 Jun 08 j 20:12	16°♌32'18	
evening set	-6408 Sep 17 j 12:49	23°♌30'02	
conjunction	-6408 Oct 03 j 20:37	25°♌24'28	2°21'38
minimum elong	-6408 Oct 03 j 20:39	25°♌24'29	2°21'54
max. Earth dist.	-6408 Oct 03 j 01:12	25°♌18'45	11.09346 AU
morning rise	-6408 Oct 20 j 04:56	27°♌19'07	
	-6408 Nov 13 j 16:34	0°♍	
retrograde	-6407 Jan 29 j 18:41	4°♍22'12	
opposition	-6407 Apr 10 j 18:08	1°♍03'37	2°47'21
min. Earth dist.	-6407 Apr 11 j 11:04	1°♍00'31	9.04789 AU
	-6407 Apr 25 j 09:57	30°℞♌	
direct	-6407 Jun 20 j 11:49	27°♌45'00	
	-6407 Aug 12 j 19:32	0°♍	
evening set	-6407 Sep 28 j 18:04	4°♍46'07	
max. Earth dist.	-6407 Oct 14 j 08:34	6°♍36'39	10.99335 AU
conjunction	-6407 Oct 15 j 03:18	6°♍42'13	2°11'05
minimum elong	-6407 Oct 15 j 03:20	6°♍42'14	2°11'16
morning rise	-6407 Oct 31 j 13:47	8°♍38'48	
retrograde	-6406 Feb 11 j 01:53	15°♍50'32	
opposition	-6406 Apr 23 j 01:01	12°♍30'34	2°31'22
min. Earth dist.	-6406 Apr 23 j 17:01	12°♍27'36	8.93615 AU
direct	-6406 Jul 02 j 04:11	9°♍11'42	
evening set	-6406 Oct 10 j 05:08	16°♍17'42	
conjunction	-6406 Oct 26 j 16:38	18°♍15'58	1°55'01
minimum elong	-6406 Oct 26 j 16:42	18°♍15'59	1°55'09
max. Earth dist.	-6406 Oct 25 j 22:17	18°♍10'27	10.87222 AU
morning rise	-6406 Nov 12 j 06:29	20°♍15'03	
retrograde	-6405 Feb 23 j 18:25	27°♍36'55	
opposition	-6405 May 05 j 14:49	24°♍15'21	2°08'40
min. Earth dist.	-6405 May 06 j 05:55	24°♍12'31	8.80544 AU
direct	-6405 Jul 14 j 03:06	20°♍56'02	
evening set	-6405 Oct 21 j 23:46	28°♍08'15	
	-6405 Nov 06 j 08:16	0°♎	
conjunction	-6405 Nov 07 j 14:29	0°♎09'14	1°33'41
minimum elong	-6405 Nov 07 j 14:33	0°♎09'15	1°33'44
max. Earth dist.	-6405 Nov 06 j 21:09	0°♎03'56	10.73461 AU
morning rise	-6405 Nov 24 j 08:41	2°♎11'20	
retrograde	-6404 Mar 07 j 21:11	9°♎44'29	
opposition	-6404 May 17 j 12:09	6°♎21'14	1°39'38
min. Earth dist.	-6404 May 18 j 01:53	6°♎18'37	8.66089 AU
direct	-6404 Jul 25 j 08:16	3°♎01'13	
evening set	-6404 Nov 02 j 04:05	10°♎21'02	
conjunction	-6404 Nov 18 j 22:55	12°♎25'09	1°07'33
minimum elong	-6404 Nov 18 j 22:58	12°♎25'10	1°07'30
max. Earth dist.	-6404 Nov 18 j 08:17	12°♎20'36	10.58594 AU
morning rise	-6404 Dec 05 j 22:00	14°♎30'39	
retrograde	-6403 Mar 21 j 08:45	22°♎15'58	
opposition	-6403 May 30 j 17:21	18°♎50'55	1°04'55
min. Earth dist.	-6403 May 31 j 04:30	18°♎48'46	8.50857 AU
direct	-6403 Aug 06 j 21:41	15°♎30'02	
evening set	-6403 Nov 14 j 19:43	22°♎58'40	
conjunction	-6403 Dec 01 j 19:14	25°♎06'13	0°37'23
minimum elong	-6403 Dec 01 j 19:15	25°♎06'14	0°37'15
max. Earth dist.	-6403 Dec 01 j 08:30	25°♎02'50	10.43263 AU
morning rise	-6403 Dec 18 j 23:28	27°♎15'21	
	-6402 Jan 11 j 04:49	0°♏	
retrograde	-6402 Apr 04 j 08:16	5°♏13'18	
opposition	-6402 Jun 13 j 07:05	1°♏46'27	0°25'40
min. Earth dist.	-6402 Jun 13 j 14:30	1°♏45'00	8.35541 AU
	-6402 Jul 07 j 03:34	30°℞♎	
direct	-6402 Aug 19 j 20:16	28°♎24'32	
	-6402 Oct 01 j 01:55	0°♏	
evening set	-6402 Nov 28 j 00:03	6°♏02'55	
conjunction	-6402 Dec 15 j 04:25	8°♏14'02	0°04'26
minimum elong	-6402 Dec 15 j 04:24	8°♏14'01	0°04'12
behind sun begin	-6402 Dec 14 j 21:21	8°♏11'47	
behind sun end	-6402 Dec 15 j 11:27	8°♏16'15	
max. Earth dist.	-6402 Dec 14 j 21:38	8°♏11'53	10.28186 AU
morning rise	-6401 Jan 01 j 13:55	10°♏26'52	
desc. node	-6401 Feb 01 j 23:23	14°♏08'08	
	-6401 Feb 10 j 09:11	15°♏	
retrograde	-6401 Apr 18 j 18:51	18°♏37'15	
opposition	-6401 Jun 27 j 05:12	15°♏08'43	-0°16'24
min. Earth dist.	-6401 Jun 27 j 08:40	15°♏08'02	8.20883 AU
	-6401 Jun 29 j 01:00	15°℞♏	
direct	-6401 Sep 02 j 02:48	11°♏45'34	
	-6401 Nov 02 j 02:24	15°♏	
evening set	-6401 Dec 11 j 18:19	19°♏34'24	
conjunction	-6401 Dec 29 j 03:26	21°♏48'59	-0°29'53
minimum elong	-6401 Dec 29 j 03:24	21°♏48'58	0°30'11
max. Earth dist.	-6401 Dec 29 j 00:22	21°♏47'59	10.14108 AU

Attention, astronomical year style is used: The year -6400 in astronomical counting style is the year 6401 BCE in historical counting style.

morning rise	-6400 Jan	15 j 18:02	24°♏05'23	
	-6400 Mar	09 j 07:40	0°♐	
retrograde	-6400 May	02 j 14:47	2°♐27'15	
	-6400 Jun	27 j 07:38	30°℞♏	
opposition	-6400 Jul	10 j 10:56	28°♏57'16	-0°59'00
min. Earth dist.	-6400 Jul	10 j 11:02	28°♏57'15	8.07623 AU
direct	-6400 Sep	14 j 18:45	25°♏32'46	
	-6400 Nov	25 j 21:33	0°♐	
evening set	-6400 Dec	25 j 02:36	3°♐32'22	
conjunction	-6399 Jan	11 j 16:12	5°♐50'08	-1°03'18
minimum elong	-6399 Jan	11 j 16:09	5°♐50'07	1°03'39
max. Earth dist.	-6399 Jan	11 j 17:06	5°♐50'25	10.01771 AU
morning rise	-6399 Jan	29 j 11:17	8°♐09'41	
retrograde	-6399 May	17 j 17:24	16°♐41'20	
opposition	-6399 Jul	24 j 23:32	13°♐10'15	-1°39'21
min. Earth dist.	-6399 Jul	24 j 20:17	13°♐10'55	7.96531 AU
direct	-6399 Sep	28 j 22:07	9°♐44'25	
evening set	-6398 Jan	09 j 00:01	17°♐54'15	