Attention, astronomical year style is used: The year -5900 in astronomical counting style is the year 5901 BCE in historical counting style.

morning rise	-5900 Jan 07 j 03:09	19°♏02'05		
retrograde	-5900 Apr 23 j 07:12	27°♏10'58		
opposition	-5900 Jul 01 j 17:05	23°♏42'34	-0°29'10	
min. Earth dist.	-5900 Jul 01 j 23:23	23°♏41'19	8.22223 AU	
direct	-5900 Sep 06 j 15:01	20°♏19'21		
evening set	-5900 Dec 16 j 06:26	28°♏07'22		
	-5900 Dec 30 j 20:24	0°♐		
conjunction	-5899 Jan 02 j 15:21	0°♐21'43	-0°39'48	
minimum elong	-5899 Jan 02 j 15:19	0°♐21'43	0°40'07	
max. Earth dist.	-5899 Jan 02 j 08:29	0°♐19'30	10.14869 AU	
morning rise	-5899 Jan 20 j 05:53	2°♐37'56		
retrograde	-5899 May 08 j 01:27	10°♐59'12		
opposition	-5899 Jul 15 j 22:08	7°♐29'10	-1°10'45	
min. Earth dist.	-5899 Jul 16 j 00:59	7°♐28'36	8.07823 AU	
direct	-5899 Sep 20 j 07:25	4°♐04'28		
evening set	-5899 Dec 30 j 14:16	12°♐03'59		
conjunction	-5898 Jan 17 j 03:39	14°♐21'41	-1°12'07	
minimum elong	-5898 Jan 17 j 03:36	14°♐21'40	1°12'28	
max. Earth dist.	-5898 Jan 17 j 01:52	14°♐21'06	10.01495 AU	
morning rise	-5898 Feb 03 j 22:33	16°♐41'11		
retrograde	-5898 May 23 j 03:07	25°♐12'57		
opposition	-5898 Jul 30 j 10:19	21°♐41'38	-1°49'26	
min. Earth dist.	-5898 Jul 30 j 09:18	21°♐41'51	7.95825 AU	
direct	-5898 Oct 04 j 10:11	18°♐15'24		
evening set	-5897 Jan 14 j 11:51	26°♐25'48		
conjunction	-5897 Feb 01 j 05:18	28°♐46'20	-1°40'49	
minimum elong	-5897 Feb 01 j 05:14	28°♐46'18	1°41'11	
max. Earth dist.	-5897 Feb 01 j 09:09	28°♐47'37	9.90910 AU	
	-5897 Feb 10 j 11:12	0°♑		
morning rise	-5897 Feb 19 j 03:41	1°♑08'28		
retrograde	-5897 Jun 07 j 10:30	9°♑47'46		
opposition	-5897 Aug 14 j 04:10	6°♑15'36	-2°22'09	
min. Earth dist.	-5897 Aug 13 j 22:58	6°♑16'41	7.87013 AU	
direct	-5897 Oct 18 j 21:42	2°♑47'57		
evening set	-5896 Jan 29 j 20:52	11°♑07'35		
conjunction	-5896 Feb 16 j 17:46	13°♑30'11	-2°03'33	
minimum elong	-5896 Feb 16 j 17:42	13°♑30'09	2°03'55	
max. Earth dist.	-5896 Feb 17 j 03:27	13°♑33'25	9.83848 AU	
morning rise	-5896 Mar 05 j 18:41	15°♑54'06		
retrograde	-5896 Jun 21 j 20:08	24°♑37'04		
opposition	-5896 Aug 28 j 01:16	21°♑04'32	-2°46'02	
min. Earth dist.	-5896 Aug 27 j 15:56	21°♑06'29	7.81997 AU	
direct	-5896 Nov 01 j 17:02	17°♑35'38		
evening set	-5895 Feb 13 j 14:14	26°♑01'54		
conjunction	-5895 Mar 03 j 13:57	28°♑25'42	-2°18'21	
minimum elong	-5895 Mar 03 j 13:55	28°♑25'42	2°18'41	
max. Earth dist.	-5895 Mar 04 j 04:48	28°♑30'42	9.80820 AU	
	-5895 Mar 15 j 07:51	0°♒		
morning rise	-5895 Mar 21 j 16:30	0°♒50'26		
retrograde	-5895 Jul 07 j 04:03	9°♒32'30		
opposition	-5895 Sep 11 j 22:44	6°♒00'08	-2°58'52	
min. Earth dist.	-5895 Sep 11 j 10:00	6°♒02'49	7.81126 AU	
direct	-5895 Nov 16 j 17:28	2°♒30'15		
evening set	-5894 Mar 01 j 11:29	10°♒59'49		
conjunction	-5894 Mar 19 j 13:16	13°♒23'53	-2°23'55	
minimum elong	-5894 Mar 19 j 13:16	13°♒23'53	2°24'12	
max. Earth dist.	-5894 Mar 20 j 07:59	13°♒30'08	9.82042 AU	
	-5894 Mar 31 j 13:34	15°♒		
morning rise	-5894 Apr 06 j 16:32	15°♒48'24		
retrograde	-5894 Jul 22 j 06:45	24°♒25'00		
opposition	-5894 Sep 26 j 18:03	20°♒53'21	-2°59'36	
min. Earth dist.	-5894 Sep 26 j 03:06	20°♒56'30	7.84444 AU	
direct	-5894 Dec 01 j 20:21	17°♒22'50		
evening set	-5893 Mar 17 j 07:37	25°♒51'56		
conjunction	-5893 Apr 04 j 10:37	28°♒15'17	-2°19'53	
minimum elong	-5893 Apr 04 j 10:39	28°♒15'18	2°20'06	
max. Earth dist.	-5893 Apr 05 j 07:44	28°♒22'18	9.87408 AU	
	-5893 Apr 17 j 15:22	0°♓		
morning rise	-5893 Apr 22 j 13:41	0°♓38'37		
retrograde	-5893 Aug 06 j 00:47	9°♓05'48		
opposition	-5893 Oct 11 j 08:28	5°♓35'21	-2°48'26	
min. Earth dist.	-5893 Oct 10 j 16:30	5°♓38'42	7.91698 AU	
direct	-5893 Dec 16 j 22:09	2°♓04'35		
evening set	-5892 Mar 31 j 22:23	10°♓29'37		
conjunction	-5892 Apr 19 j 01:41	12°♓51'25	-2°06'52	
minimum elong	-5892 Apr 19 j 01:45	12°♓51'26	2°07'01	
max. Earth dist.	-5892 Apr 19 j 23:34	12°♓58'35	9.96517 AU	
morning rise	-5892 May 07 j 03:44	15°♓12'43		
retrograde	-5892 Aug 19 j 08:18	23°♓27'30		
opposition	-5892 Oct 24 j 15:49	19°♓58'39	-2°26'49	
min. Earth dist.	-5892 Oct 23 j 23:58	20°♓01'57	8.02368 AU	
direct	-5892 Dec 30 j 20:13	16°♓28'04		
evening set	-5891 Apr 16 j 04:10	24°♓46'01		
conjunction	-5891 May 04 j 06:46	27°♓05'32	-1°46'19	
minimum elong	-5891 May 04 j 06:50	27°♓05'33	1°46'22	
max. Earth dist.	-5891 May 05 j 03:43	27°♓12'18	10.08714 AU	
morning rise	-5891 May 22 j 06:53	29°♓24'08		
	-5891 May 27 j 01:08	0°♈		
retrograde	-5891 Sep 02 j 04:10	7°♈24'50		
opposition	-5891 Nov 07 j 14:51	3°♈57'52	-1°57'00	
min. Earth dist.	-5891 Nov 06 j 23:48	4°♈00'57	8.15725 AU	
direct	-5890 Jan 14 j 12:24	0°♈27'53		
evening set	-5890 Apr 30 j 22:24	8°♈36'34		
conjunction	-5890 May 18 j 23:09	10°♈53'12	-1°20'06	
minimum elong	-5890 May 18 j 23:13	10°♈53'13	1°20'04	
max. Earth dist.	-5890 May 19 j 18:01	10°♈59'11	10.23184 AU	
morning rise	-5890 Jun 05 j 20:23	13°♈08'36		
retrograde	-5890 Sep 15 j 11:35	20°♈54'48		
opposition	-5890 Nov 21 j 04:43	17°♈29'52	-1°21'36	
min. Earth dist.	-5890 Nov 20 j 14:37	17°♈32'43	8.30932 AU	
direct	-5889 Jan 28 j 20:36	14°♈00'52		
evening set	-5889 May 15 j 03:44	21°♈59'00		
conjunction	-5889 Jun 02 j 01:38	24°♈12'22	-0°50'18	
minimum elong	-5889 Jun 02 j 01:41	24°♈12'22	0°50'11	
max. Earth dist.	-5889 Jun 02 j 18:06	24°♈17'30	10.39054 AU	
morning rise	-5889 Jun 19 j 19:07	26°♈24'18		
	-5889 Jul 21 j 07:39	0°♉		
retrograde	-5889 Sep 28 j 07:31	3°♉56'31		
opposition	-5889 Dec 04 j 09:22	0°♉33'39	-0°43'13	
min. Earth dist.	-5889 Dec 03 j 20:48	0°♉36'09	8.47123 AU	
	-5889 Dec 11 j 11:24	30°℞♈		
direct	-5888 Feb 11 j 19:10	27°♈05'53		
	-5888 Apr 12 j 07:59	0°♉		
evening set	-5888 May 27 j 19:45	4°♉53'01		
conjunction	-5888 Jun 14 j 13:57	7°♉02'57	-0°18'53	
minimum elong	-5888 Jun 14 j 13:58	7°♉02'57	0°18'41	
max. Earth dist.	-5888 Jun 15 j 03:44	7°♉07'11	10.55444 AU	
morning rise	-5888 Jul 02 j 02:59	9°♉11'18		

Attention, astronomical year style is used: The year -5888 in astronomical counting style is the year 5889 BCE in historical counting style.

	-5888 Aug 29 j 02:36	15°♉	
retrograde	-5888 Oct 09 j 19:26	16°♉30'48	
	-5888 Nov 21 j 09:26	15°℞♉	
opposition	-5888 Dec 16 j 05:20	13°♉09'55	-0°04'11
min. Earth dist.	-5888 Dec 15 j 19:17	13°♉11'53	8.63441 AU
asc. node	-5887 Jan 25 j 22:50	10°♉25'41	
direct	-5887 Feb 24 j 06:05	9°♉43'32	
	-5887 May 20 j 11:26	15°♉	
evening set	-5887 Jun 09 j 23:02	17°♉19'55	
conjunction	-5887 Jun 27 j 12:41	19°♉26'24	0°12'32
minimum elong	-5887 Jun 27 j 12:40	19°♉26'24	0°12'48
behind sun begin	-5887 Jun 27 j 08:15	19°♉25'05	
behind sun end	-5887 Jun 27 j 17:06	19°♉27'43	
max. Earth dist.	-5887 Jun 27 j 23:09	19°♉29'33	10.71524 AU
morning rise	-5887 Jul 14 j 20:48	21°♉31'14	
retrograde	-5887 Oct 21 j 20:47	28°♉39'41	
opposition	-5887 Dec 28 j 17:28	25°♉20'36	0°33'37
min. Earth dist.	-5887 Dec 28 j 11:02	25°♉21'51	8.79113 AU
direct	-5886 Mar 09 j 07:58	21°♉55'40	
evening set	-5886 Jun 22 j 14:21	29°♉22'00	
	-5886 Jun 27 j 23:57	0°♊	
conjunction	-5886 Jul 09 j 22:54	1°♊25'10	0°42'23
minimum elong	-5886 Jul 09 j 22:52	1°♊25'10	0°42'42
max. Earth dist.	-5886 Jul 10 j 04:47	1°♊26'55	10.86575 AU
morning rise	-5886 Jul 27 j 02:05	3°♊26'46	
retrograde	-5886 Nov 02 j 13:54	10°♊26'03	
opposition	-5885 Jan 09 j 22:43	7°♊08'32	1°08'43
min. Earth dist.	-5885 Jan 09 j 19:45	7°♊09'05	8.93464 AU
direct	-5885 Mar 22 j 02:05	3°♊44'59	
evening set	-5885 Jul 04 j 18:38	11°♊02'18	
conjunction	-5885 Jul 21 j 22:02	13°♊02'27	1°09'42
minimum elong	-5885 Jul 21 j 21:59	13°♊02'26	1°10'03
max. Earth dist.	-5885 Jul 21 j 23:08	13°♊02'47	10.99973 AU
morning rise	-5885 Aug 07 j 20:29	15°♊01'09	
retrograde	-5885 Nov 14 j 02:01	21°♊53'18	
opposition	-5884 Jan 21 j 22:05	18°♊36'59	1°39'59
min. Earth dist.	-5884 Jan 21 j 22:05	18°♊36'59	9.05886 AU
direct	-5884 Apr 02 j 11:03	15°♊14'47	
evening set	-5884 Jul 15 j 13:37	22°♊24'20	
conjunction	-5884 Aug 01 j 12:09	24°♊21'52	1°33'38
minimum elong	-5884 Aug 01 j 12:06	24°♊21'52	1°33'59
max. Earth dist.	-5884 Aug 01 j 09:28	24°♊21'06	11.11166 AU
morning rise	-5884 Aug 18 j 06:00	26°♊18'06	
	-5884 Sep 22 j 16:29	0°♋	
retrograde	-5884 Nov 24 j 09:54	3°♋05'11	
	-5883 Jan 30 j 09:19	30°℞♊	
opposition	-5883 Feb 01 j 16:56	29°♊49'43	2°06'40
min. Earth dist.	-5883 Feb 01 j 19:58	29°♊49'09	9.15865 AU
direct	-5883 Apr 14 j 13:02	26°♊28'43	
	-5883 Jun 23 j 05:28	0°♋	
evening set	-5883 Jul 27 j 00:53	3°♋31'58	
conjunction	-5883 Aug 12 j 18:57	5°♋27'23	1°53'34
minimum elong	-5883 Aug 12 j 18:54	5°♋27'22	1°53'55
max. Earth dist.	-5883 Aug 12 j 12:56	5°♋25'38	11.19706 AU
morning rise	-5883 Aug 29 j 08:43	7°♋21'39	
retrograde	-5883 Dec 05 j 17:11	14°♋05'44	
opposition	-5882 Feb 13 j 09:01	10°♋50'49	2°28'12
min. Earth dist.	-5882 Feb 13 j 15:55	10°♋49'33	9.23031 AU
direct	-5882 Apr 26 j 08:13	7°♋30'53	
evening set	-5882 Aug 07 j 06:02	14°♋29'18	
conjunction	-5882 Aug 23 j 20:07	16°♋23'08	2°09'04
minimum elong	-5882 Aug 23 j 20:05	16°♋23'08	2°09'25
max. Earth dist.	-5882 Aug 23 j 09:50	16°♋20'11	11.25325 AU
morning rise	-5882 Sep 09 j 06:46	18°♋16'04	
retrograde	-5882 Dec 16 j 20:23	24°♋59'07	
opposition	-5881 Feb 24 j 23:27	21°♋44'23	2°44'08
min. Earth dist.	-5881 Feb 25 j 09:57	21°♋42'29	9.27196 AU
direct	-5881 May 07 j 22:15	18°♋25'15	
evening set	-5881 Aug 18 j 06:59	25°♋20'24	
conjunction	-5881 Sep 03 j 17:56	27°♋13'13	2°19'48
minimum elong	-5881 Sep 03 j 17:54	27°♋13'13	2°20'09
max. Earth dist.	-5881 Sep 03 j 03:58	27°♋09'12	11.27916 AU
morning rise	-5881 Sep 20 j 02:23	29°♋05'22	
	-5881 Sep 28 j 06:57	0°♌	
retrograde	-5881 Dec 28 j 02:44	5°♌49'17	
opposition	-5880 Mar 07 j 13:21	2°♌34'21	2°54'12
min. Earth dist.	-5880 Mar 08 j 02:07	2°♌32'02	9.28285 AU
	-5880 Apr 17 j 05:16	30°℞♋	
direct	-5880 May 18 j 11:52	29°♋15'47	
	-5880 Jun 18 j 05:12	0°♌	
evening set	-5880 Aug 28 j 05:15	6°♌09'06	
conjunction	-5880 Sep 13 j 14:08	8°♌01'30	2°25'32
minimum elong	-5880 Sep 13 j 14:08	8°♌01'30	2°25'51
max. Earth dist.	-5880 Sep 12 j 22:33	7°♌57'00	11.27447 AU
morning rise	-5880 Sep 29 j 21:11	9°♌53'27	
	-5880 Nov 22 j 09:03	15°♌	
retrograde	-5879 Jan 07 j 11:30	16°♌40'01	
	-5879 Feb 24 j 06:13	15°℞♌	
opposition	-5879 Mar 19 j 04:29	13°♌24'29	2°58'08
min. Earth dist.	-5879 Mar 19 j 18:41	13°♌21'54	9.26298 AU
direct	-5879 May 29 j 21:39	10°♌06'19	
	-5879 Aug 20 j 22:13	15°♌	
evening set	-5879 Sep 08 j 02:30	16°♌59'10	
conjunction	-5879 Sep 24 j 10:17	18°♌51'44	2°26'04
minimum elong	-5879 Sep 24 j 10:17	18°♌51'44	2°26'20
max. Earth dist.	-5879 Sep 23 j 17:04	18°♌46'45	11.23957 AU
morning rise	-5879 Oct 10 j 17:01	20°♌44'07	
retrograde	-5878 Jan 19 j 00:30	27°♌35'05	
opposition	-5878 Mar 30 j 22:01	24°♌18'38	2°55'44
min. Earth dist.	-5878 Mar 31 j 13:58	24°♌15'44	9.21324 AU
direct	-5878 Jun 10 j 07:27	21°♌00'34	
evening set	-5878 Sep 19 j 00:49	27°♌54'28	
conjunction	-5878 Oct 05 j 08:23	29°♌47'48	2°21'19
minimum elong	-5878 Oct 05 j 08:25	29°♌47'49	2°21'31
max. Earth dist.	-5878 Oct 04 j 13:01	29°♌42'09	11.17577 AU
	-5878 Oct 07 j 02:13	0°♍	
morning rise	-5878 Oct 21 j 16:07	1°♍41'15	
retrograde	-5877 Jan 30 j 17:26	8°♍38'16	
opposition	-5877 Apr 11 j 18:54	5°♍20'37	2°46'55
min. Earth dist.	-5877 Apr 12 j 12:29	5°♍17'24	9.13532 AU
direct	-5877 Jun 21 j 17:58	2°♍02'23	
evening set	-5877 Sep 30 j 01:47	8°♍58'52	
conjunction	-5877 Oct 16 j 10:19	10°♍53'34	2°11'13
minimum elong	-5877 Oct 16 j 10:22	10°♍53'35	2°11'22
max. Earth dist.	-5877 Oct 15 j 14:22	10°♍47'42	11.08513 AU
morning rise	-5877 Nov 01 j 20:01	12°♍48'41	
retrograde	-5876 Feb 11 j 17:30	19°♍53'27	
opposition	-5876 Apr 22 j 20:34	16°♍34'19	2°31'39
min. Earth dist.	-5876 Apr 23 j 14:06	16°♍31'05	9.03167 AU
direct	-5876 Jul 02 j 08:36	13°♍15'45	
evening set	-5876 Oct 10 j 07:18	20°♍16'18	
conjunction	-5876 Oct 26 j 17:55	22°♍12'59	1°55'52

Attention, astronomical year style is used: The year -5876 in astronomical counting style is the year 5877 BCE in historical counting style.

minimum elong	-5876 Oct 26 j 17:58	22°♍13'00	1°55'57
max. Earth dist.	-5876 Oct 25 j 22:51	22°♍07'18	10.97044 AU
morning rise	-5876 Nov 12 j 06:24	24°♍10'20	
	-5875 Jan 12 j 00:25	0°♎	
retrograde	-5875 Feb 23 j 03:55	1°♎24'26	
	-5875 Apr 07 j 08:42	30°℞♍	
opposition	-5875 May 05 j 04:14	28°♍03'39	2°09'59
min. Earth dist.	-5875 May 05 j 20:34	28°♍00'36	8.90572 AU
direct	-5875 Jul 14 j 02:35	24°♍44'35	
	-5875 Oct 05 j 17:07	0°♎	
evening set	-5875 Oct 21 j 19:40	1°♎50'44	
conjunction	-5875 Nov 07 j 09:11	3°♎49'55	1°35'27
minimum elong	-5875 Nov 07 j 09:14	3°♎49'56	1°35'28
max. Earth dist.	-5875 Nov 06 j 14:55	3°♎44'24	10.83566 AU
morning rise	-5875 Nov 24 j 01:30	5°♎50'04	
retrograde	-5874 Mar 07 j 22:34	13°♎14'56	
opposition	-5874 May 17 j 18:54	9°♎52'22	1°42'14
min. Earth dist.	-5874 May 18 j 09:53	9°♎49'32	8.76200 AU
direct	-5874 Jul 26 j 00:59	6°♎32'35	
evening set	-5874 Nov 02 j 16:49	13°♎45'55	
conjunction	-5874 Nov 19 j 09:56	15°♎48'05	1°10'22
minimum elong	-5874 Nov 19 j 09:59	15°♎48'06	1°10'18
max. Earth dist.	-5874 Nov 18 j 16:19	15°♎42'41	10.68574 AU
morning rise	-5874 Dec 06 j 06:55	17°♎51'30	
retrograde	-5873 Mar 21 j 03:49	25°♎28'22	
opposition	-5873 May 30 j 17:37	22°♎03'57	1°08'58
min. Earth dist.	-5873 May 31 j 07:17	22°♎01'20	8.60607 AU
direct	-5873 Aug 07 j 07:36	18°♎43'16	
evening set	-5873 Nov 15 j 00:36	26°♎05'15	
conjunction	-5873 Dec 01 j 21:57	28°♎10'47	0°41'18
minimum elong	-5873 Dec 01 j 21:59	28°♎10'48	0°41'10
max. Earth dist.	-5873 Dec 01 j 06:40	28°♎06'01	10.52665 AU
	-5873 Dec 16 j 13:49	0°♏	
morning rise	-5873 Dec 18 j 23:59	0°♏17'49	
retrograde	-5872 Apr 02 j 20:14	8°♏07'35	
opposition	-5872 Jun 12 j 00:58	4°♏41'21	0°31'09
min. Earth dist.	-5872 Jun 12 j 12:14	4°♏39'09	8.44468 AU
direct	-5872 Aug 18 j 22:18	1°♏19'37	
evening set	-5872 Nov 26 j 20:56	8°♏51'34	
conjunction	-5872 Dec 13 j 23:00	11°♏00'41	0°09'19
minimum elong	-5872 Dec 13 j 23:01	11°♏00'41	0°09'06
behind sun begin	-5872 Dec 13 j 16:57	10°♏58'47	
behind sun end	-5872 Dec 14 j 05:05	11°♏02'36	
max. Earth dist.	-5872 Dec 13 j 11:37	10°♏57'05	10.36562 AU
morning rise	-5872 Dec 31 j 06:11	13°♏11'30	
	-5871 Jan 15 j 04:16	15°♏	
desc. node	-5871 Mar 29 j 11:44	20°♏56'56	
retrograde	-5871 Apr 16 j 23:16	21°♏14'33	
opposition	-5871 Jun 25 j 17:18	17°♏46'33	-0°09'46
min. Earth dist.	-5871 Jun 26 j 01:01	17°♏45'01	8.28572 AU
	-5871 Aug 05 j 22:07	15°℞♏	
direct	-5871 Aug 31 j 23:35	14°♏23'39	
	-5871 Sep 26 j 14:55	15°♏	
evening set	-5871 Dec 10 j 07:13	22°♏06'33	
conjunction	-5871 Dec 27 j 14:07	24°♏19'21	-0°24'17
minimum elong	-5871 Dec 27 j 14:06	24°♏19'20	0°24'35
max. Earth dist.	-5871 Dec 27 j 07:23	24°♏17'11	10.21082 AU
morning rise	-5870 Jan 14 j 02:18	26°♏33'55	
	-5870 Feb 11 j 21:50	0°♐	
retrograde	-5870 May 01 j 13:39	4°♐49'49	
opposition	-5870 Jul 09 j 18:24	1°♐20'16	-0°51'43
min. Earth dist.	-5870 Jul 09 j 21:44	1°♐19'36	8.13771 AU
	-5870 Jul 26 j 21:06	30°℞♏	
direct	-5870 Sep 14 j 10:31	27°♏56'08	
	-5870 Nov 01 j 03:54	0°♐	
evening set	-5870 Dec 24 j 08:20	5°♐50'29	
conjunction	-5869 Jan 10 j 19:46	8°♐06'45	-0°57'29
minimum elong	-5869 Jan 10 j 19:43	8°♐06'44	0°57'50
max. Earth dist.	-5869 Jan 10 j 17:41	8°♐06'04	10.07106 AU
morning rise	-5869 Jan 28 j 12:31	10°♐24'48	
retrograde	-5869 May 16 j 13:32	18°♐52'10	
opposition	-5869 Jul 24 j 03:28	15°♐21'23	-1°32'07
min. Earth dist.	-5869 Jul 24 j 02:30	15°♐21'35	8.00956 AU
direct	-5869 Sep 28 j 06:43	11°♐55'58	
evening set	-5868 Jan 07 j 23:50	20°♐01'34	
conjunction	-5868 Jan 25 j 15:23	22°♐20'51	-1°28'09
minimum elong	-5868 Jan 25 j 15:20	22°♐20'50	1°28'31
max. Earth dist.	-5868 Jan 25 j 18:16	22°♐21'48	9.95534 AU
morning rise	-5868 Feb 12 j 12:04	24°♐41'51	
	-5868 Mar 29 j 01:23	0°♑	
retrograde	-5868 May 30 j 20:38	3°♑18'15	
	-5868 Aug 04 j 02:24	30°℞♐	
opposition	-5868 Aug 06 j 19:13	29°♐46'37	-2°07'56
min. Earth dist.	-5868 Aug 06 j 14:18	29°♐47'38	7.90986 AU
direct	-5868 Oct 11 j 13:08	26°♐19'55	
	-5868 Dec 14 j 20:24	0°♑	
evening set	-5867 Jan 22 j 04:07	4°♑35'34	
conjunction	-5867 Feb 08 j 23:19	6°♑57'15	-1°53'54
minimum elong	-5867 Feb 08 j 23:15	6°♑57'14	1°54'16
max. Earth dist.	-5867 Feb 09 j 07:16	6°♑59'54	9.87176 AU
morning rise	-5867 Feb 26 j 23:07	9°♑20'25	
retrograde	-5867 Jun 15 j 06:44	18°♑02'16	
opposition	-5867 Aug 21 j 15:25	14°♑30'14	-2°36'11
min. Earth dist.	-5867 Aug 21 j 07:01	14°♑32'00	7.84559 AU
direct	-5867 Oct 26 j 05:56	11°♑02'22	
evening set	-5866 Feb 06 j 18:30	19°♑25'52	
conjunction	-5866 Feb 24 j 16:44	21°♑49'07	-2°12'32
minimum elong	-5866 Feb 24 j 16:42	21°♑49'06	2°12'54
max. Earth dist.	-5866 Feb 25 j 05:23	21°♑53'21	9.82639 AU
morning rise	-5866 Mar 14 j 18:39	24°♑13'31	
	-5866 May 03 j 11:43	0°♒	
retrograde	-5866 Jun 30 j 15:33	2°♒56'24	
	-5866 Aug 29 j 11:08	30°℞♑	
opposition	-5866 Sep 05 j 13:15	29°♑24'28	-2°54'15
min. Earth dist.	-5866 Sep 05 j 01:57	29°♑26'50	7.82133 AU
direct	-5866 Nov 10 j 05:20	25°♑55'35	
	-5865 Jan 17 j 09:59	0°♒	
evening set	-5865 Feb 22 j 14:38	4°♒23'49	
conjunction	-5865 Mar 12 j 15:16	6°♒47'42	-2°22'26
minimum elong	-5865 Mar 12 j 15:15	6°♒47'42	2°22'44
max. Earth dist.	-5865 Mar 13 j 07:57	6°♒53'17	9.82249 AU
morning rise	-5865 Mar 30 j 18:20	9°♒12'18	
	-5865 May 19 j 19:16	15°♒	
retrograde	-5865 Jul 15 j 20:08	17°♒51'35	
	-5865 Sep 12 j 11:30	15°℞♒	
opposition	-5865 Sep 20 j 10:01	14°♒20'11	-3°00'33
min. Earth dist.	-5865 Sep 19 j 20:18	14°♒23'04	7.83839 AU
direct	-5865 Nov 25 j 08:20	10°♒50'33	
	-5864 Feb 02 j 16:56	15°♒	
evening set	-5864 Mar 09 j 11:37	19°♒19'49	
conjunction	-5864 Mar 27 j 13:58	21°♒43'25	-2°22'46
minimum elong	-5864 Mar 27 j 13:59	21°♒43'25	2°23'01
max. Earth dist.	-5864 Mar 28 j 09:30	21°♒49'54	9.85960 AU

Attention, astronomical year style is used: The year -5864 in astronomical counting style is the year 5865 BCE in historical counting style.

morning rise	-5864 Apr 14 j 17:18	24°♒07'13	
	-5864 Jun 05 j 03:55	0°♓	
retrograde	-5864 Jul 29 j 17:23	2°♓38'42	
	-5864 Sep 23 j 17:34	30°℞♒	
min. Earth dist.	-5864 Oct 03 j 11:34	29°♒11'29	7.89428 AU
opposition	-5864 Oct 04 j 02:51	29°♒08'16	-2°54'43
direct	-5864 Dec 09 j 11:12	25°♒38'12	
	-5863 Feb 19 j 08:18	0°♓	
evening set	-5863 Mar 25 j 05:18	4°♓04'58	
conjunction	-5863 Apr 12 j 08:33	6°♓27'26	-2°13'44
minimum elong	-5863 Apr 12 j 08:36	6°♓27'27	2°13'55
max. Earth dist.	-5863 Apr 13 j 05:14	6°♓34'15	9.93356 AU
morning rise	-5863 Apr 30 j 11:13	8°♓49'36	
retrograde	-5863 Aug 13 j 05:46	17°♓10'02	
opposition	-5863 Oct 18 j 13:29	13°♓41'00	-2°37'40
min. Earth dist.	-5863 Oct 17 j 21:41	13°♓44'18	7.98393 AU
direct	-5863 Dec 24 j 10:42	10°♓10'54	
evening set	-5862 Apr 09 j 15:43	18°♓32'08	
conjunction	-5862 Apr 27 j 18:51	20°♓52'41	-1°56'25
minimum elong	-5862 Apr 27 j 18:55	20°♓52'43	1°56'31
max. Earth dist.	-5862 Apr 28 j 15:35	20°♓59'26	10.03886 AU
morning rise	-5862 May 15 j 19:54	23°♓12'31	
	-5862 Jul 20 j 05:30	0°♈	
retrograde	-5862 Aug 27 j 08:33	1°♈19'48	
	-5862 Oct 04 j 21:08	30°℞♓	
opposition	-5862 Nov 01 j 16:42	27°♓52'27	-2°11'18
min. Earth dist.	-5862 Nov 01 j 01:09	27°♓55'40	8.10184 AU
direct	-5861 Jan 08 j 05:31	24°♓22'42	
	-5861 Apr 03 j 03:45	0°♈	
evening set	-5861 Apr 24 j 15:42	2°♈35'49	
conjunction	-5861 May 12 j 17:36	4°♈53'50	-1°32'31
minimum elong	-5861 May 12 j 17:40	4°♈53'51	1°32'32
max. Earth dist.	-5861 May 13 j 13:26	5°♈00'11	10.16936 AU
morning rise	-5861 May 30 j 16:09	7°♈10'44	
retrograde	-5861 Sep 09 j 22:44	15°♈03'51	
opposition	-5861 Nov 15 j 11:16	11°♈38'20	-1°38'07
min. Earth dist.	-5861 Nov 14 j 21:12	11°♈41'12	8.24141 AU
direct	-5860 Jan 22 j 17:26	8°♈09'13	
evening set	-5860 May 08 j 03:41	16°♈12'31	
conjunction	-5860 May 26 j 03:10	18°♈27'29	-1°04'05
minimum elong	-5860 May 26 j 03:13	18°♈27'30	1°04'00
max. Earth dist.	-5860 May 26 j 20:33	18°♈32'57	10.31754 AU
morning rise	-5860 Jun 12 j 22:24	20°♈41'05	
retrograde	-5860 Sep 22 j 00:31	28°♈20'00	
opposition	-5860 Nov 27 j 20:35	24°♈56'24	-1°00'46
min. Earth dist.	-5860 Nov 27 j 08:50	24°♈58'45	8.39471 AU
direct	-5859 Feb 04 j 20:48	21°♈28'09	
evening set	-5859 May 22 j 02:36	29°♈20'46	
	-5859 May 27 j 11:19	0°♉	
conjunction	-5859 Jun 08 j 22:37	1°♉32'23	-0°33'08
minimum elong	-5859 Jun 08 j 22:38	1°♉32'24	0°32'59
max. Earth dist.	-5859 Jun 09 j 12:15	1°♉36'36	10.47498 AU
morning rise	-5859 Jun 26 j 13:49	3°♉42'29	
retrograde	-5859 Oct 04 j 15:42	11°♉08'05	
opposition	-5859 Dec 10 j 21:03	7°♉46'19	-0°21'44
min. Earth dist.	-5859 Dec 10 j 11:36	7°♉48'10	8.55340 AU
direct	-5858 Feb 18 j 14:19	4°♉19'10	
evening set	-5858 Jun 04 j 12:07	12°♉00'55	
conjunction	-5858 Jun 22 j 03:52	14°♉09'06	-0°01'33
minimum elong	-5858 Jun 22 j 03:51	14°♉09'06	0°01'19
behind sun begin	-5858 Jun 21 j 20:39	14°♉06'56	
behind sun end	-5858 Jun 22 j 11:02	14°♉11'16	
max. Earth dist.	-5858 Jun 22 j 13:40	14°♉12'04	10.63341 AU
	-5858 Jun 29 j 03:10	15°♉	
morning rise	-5858 Jul 09 j 14:28	16°♉15'40	
asc. node	-5858 Jul 10 j 11:06	16°♉21'49	
retrograde	-5858 Oct 16 j 20:25	23°♉29'27	
opposition	-5858 Dec 23 j 13:02	20°♉09'21	0°16'53
min. Earth dist.	-5858 Dec 23 j 05:41	20°♉10'47	8.70950 AU
direct	-5857 Mar 03 j 22:35	16°♉43'27	
evening set	-5857 Jun 17 j 09:02	24°♉14'48	
conjunction	-5857 Jul 04 j 20:03	26°♉19'36	0°29'14
minimum elong	-5857 Jul 04 j 20:02	26°♉19'36	0°29'31
max. Earth dist.	-5857 Jul 05 j 02:36	26°♉21'34	10.78531 AU
morning rise	-5857 Jul 22 j 01:43	28°♉22'50	
	-5857 Aug 05 j 05:12	0°♊	
retrograde	-5857 Oct 28 j 18:05	5°♊26'35	
opposition	-5856 Jan 04 j 21:24	2°♊07'58	0°53'24
min. Earth dist.	-5856 Jan 04 j 16:45	2°♊08'51	8.85591 AU
	-5856 Feb 04 j 02:57	30°℞♉	
direct	-5856 Mar 15 j 20:39	28°♉43'20	
	-5856 Apr 25 j 02:28	0°♊	
evening set	-5856 Jun 28 j 18:29	6°♊05'11	
conjunction	-5856 Jul 16 j 00:32	8°♊06'52	0°57'50
minimum elong	-5856 Jul 16 j 00:30	8°♊06'51	0°58'10
max. Earth dist.	-5856 Jul 16 j 03:55	8°♊07'52	10.92409 AU
morning rise	-5856 Aug 02 j 01:09	10°♊07'00	
retrograde	-5856 Nov 08 j 09:51	17°♊02'42	
opposition	-5855 Jan 15 j 23:36	13°♊45'20	1°26'34
min. Earth dist.	-5855 Jan 15 j 22:32	13°♊45'32	8.98662 AU
direct	-5855 Mar 28 j 08:05	10°♊21'59	
evening set	-5855 Jul 10 j 17:51	17°♊35'29	
conjunction	-5855 Jul 27 j 18:44	19°♊34'22	1°23'24
minimum elong	-5855 Jul 27 j 18:41	19°♊34'21	1°23'45
max. Earth dist.	-5855 Jul 27 j 17:55	19°♊34'08	11.04442 AU
morning rise	-5855 Aug 13 j 14:38	21°♊31'51	
retrograde	-5855 Nov 19 j 18:12	28°♊21'31	
opposition	-5854 Jan 27 j 20:47	25°♊05'08	1°55'26
min. Earth dist.	-5854 Jan 27 j 23:19	25°♊04'40	9.09687 AU
direct	-5854 Apr 09 j 13:44	21°♊42'59	
evening set	-5854 Jul 22 j 08:40	28°♊49'30	
	-5854 Aug 01 j 14:10	0°♋	
conjunction	-5854 Aug 08 j 04:41	0°♋46'00	1°45'13
minimum elong	-5854 Aug 08 j 04:38	0°♋45'59	1°45'34
max. Earth dist.	-5854 Aug 07 j 23:33	0°♋44'31	11.14229 AU
morning rise	-5854 Aug 24 j 20:28	2°♋41'18	
retrograde	-5854 Dec 01 j 01:00	9°♋26'58	
opposition	-5853 Feb 08 j 14:03	6°♋11'16	2°19'21
min. Earth dist.	-5853 Feb 08 j 19:07	6°♋10'20	9.18293 AU
direct	-5853 Apr 21 j 12:52	2°♋50'16	
evening set	-5853 Aug 02 j 16:23	9°♋51'11	
conjunction	-5853 Aug 19 j 08:18	11°♋45'49	2°02'46
minimum elong	-5853 Aug 19 j 08:16	11°♋45'49	2°03'08
max. Earth dist.	-5853 Aug 19 j 00:25	11°♋43'33	11.21450 AU
morning rise	-5853 Sep 04 j 20:28	13°♋39'27	
retrograde	-5853 Dec 12 j 06:04	20°♋23'04	
opposition	-5852 Feb 20 j 04:56	17°♋07'46	2°37'51
min. Earth dist.	-5852 Feb 20 j 12:13	17°♋06'26	9.24188 AU
direct	-5852 May 02 j 05:19	13°♋47'47	
evening set	-5852 Aug 12 j 18:59	20°♋44'34	
conjunction	-5852 Aug 29 j 07:28	22°♋37'53	2°15'40
minimum elong	-5852 Aug 29 j 07:26	22°♋37'53	2°16'02

Attention, astronomical year style is used: The year -5852 in astronomical counting style is the year 5853 BCE in historical counting style.

max. Earth dist.	-5852 Aug 28 j 21:15	22°♋34'56	11.25867 AU
morning rise	-5852 Sep 14 j 16:45	24°♋30'23	
	-5852 Nov 13 j 06:30	0°♌	
retrograde	-5852 Dec 22 j 12:27	1°♌13'52	
	-5851 Jan 31 j 19:10	30°℞♋	
opposition	-5851 Mar 02 j 18:55	27°♋58'41	2°50'33
min. Earth dist.	-5851 Mar 03 j 05:01	27°♋56'50	9.27191 AU
direct	-5851 May 13 j 18:25	24°♋39'34	
	-5851 Aug 09 j 12:49	0°♌	
evening set	-5851 Aug 23 j 18:13	1°♌33'39	
conjunction	-5851 Sep 09 j 03:58	3°♌26'14	2°23'39
minimum elong	-5851 Sep 09 j 03:57	3°♌26'13	2°23'59
max. Earth dist.	-5851 Sep 08 j 14:32	3°♌22'21	11.27359 AU
morning rise	-5851 Sep 25 j 11:31	5°♌18'14	
retrograde	-5850 Jan 02 j 18:14	12°♌03'23	
opposition	-5850 Mar 14 j 09:23	8°♌47'57	2°57'12
min. Earth dist.	-5850 Mar 14 j 22:19	8°♌45'37	9.27221 AU
direct	-5850 May 25 j 03:54	5°♌29'30	
evening set	-5850 Sep 03 j 15:34	12°♌22'23	
conjunction	-5850 Sep 19 j 23:38	14°♌14'47	2°26'30
minimum elong	-5850 Sep 19 j 23:38	14°♌14'47	2°26'47
max. Earth dist.	-5850 Sep 19 j 07:48	14°♌10'12	11.25887 AU
	-5850 Sep 26 j 12:19	15°♌	
morning rise	-5850 Oct 06 j 06:33	16°♌06'54	
retrograde	-5849 Jan 14 j 04:55	22°♌55'32	
opposition	-5849 Mar 26 j 01:24	19°♌39'33	2°57'36
min. Earth dist.	-5849 Mar 26 j 15:44	19°♌36'56	9.24263 AU
direct	-5849 Jun 05 j 15:02	16°♌21'31	
evening set	-5849 Sep 14 j 13:02	23°♌14'39	
conjunction	-5849 Sep 30 j 20:35	25°♌07'30	2°24'06
minimum elong	-5849 Sep 30 j 20:36	25°♌07'30	2°24'19
max. Earth dist.	-5849 Sep 30 j 03:57	25°♌02'40	11.21473 AU
morning rise	-5849 Oct 17 j 03:42	27°♌00'19	
	-5849 Nov 14 j 04:26	0°♍	
retrograde	-5848 Jan 25 j 20:21	3°♍54'05	
opposition	-5848 Apr 05 j 20:13	0°♍37'15	2°51'37
min. Earth dist.	-5848 Apr 06 j 11:08	0°♍34'32	9.18391 AU
	-5848 Apr 14 j 09:57	30°℞♌	
direct	-5848 Jun 16 j 00:36	27°♌19'28	
	-5848 Aug 14 j 02:52	0°♍	
evening set	-5848 Sep 24 j 12:25	4°♍14'17	
conjunction	-5848 Oct 10 j 20:27	6°♍08'11	2°16'22
minimum elong	-5848 Oct 10 j 20:29	6°♍08'11	2°16'32
max. Earth dist.	-5848 Oct 10 j 03:03	6°♍03'05	11.14247 AU
morning rise	-5848 Oct 27 j 04:54	8°♍02'19	
retrograde	-5847 Feb 05 j 17:55	15°♍02'55	
opposition	-5847 Apr 17 j 19:31	11°♍44'56	2°39'10
min. Earth dist.	-5847 Apr 18 j 11:10	11°♍42'03	9.09789 AU
direct	-5847 Jun 27 j 12:19	8°♍27'06	
evening set	-5847 Oct 05 j 15:32	15°♍25'05	
max. Earth dist.	-5847 Oct 21 j 06:15	17°♍15'05	11.04437 AU
conjunction	-5847 Oct 22 j 00:55	17°♍20'37	2°03'20
minimum elong	-5847 Oct 22 j 00:58	17°♍20'37	2°03'26
morning rise	-5847 Nov 07 j 11:58	19°♍16'41	
retrograde	-5846 Feb 17 j 23:14	26°♍25'39	
opposition	-5846 Apr 30 j 00:10	23°♍06'16	2°20'20
min. Earth dist.	-5846 Apr 30 j 16:30	23°♍03'15	8.98727 AU
direct	-5846 Jul 09 j 03:44	19°♍48'07	
evening set	-5846 Oct 17 j 00:22	26°♍50'47	
conjunction	-5846 Nov 02 j 12:14	28°♍48'30	1°45'09
minimum elong	-5846 Nov 02 j 12:17	28°♍48'31	1°45'12
max. Earth dist.	-5846 Nov 01 j 17:38	28°♍42'56	10.92339 AU
	-5846 Nov 12 j 11:26	0°♎	
morning rise	-5846 Nov 19 j 02:43	0°♎47'04	
retrograde	-5845 Mar 02 j 11:16	8°♎05'53	
opposition	-5845 May 12 j 10:56	4°♎44'51	1°55'18
min. Earth dist.	-5845 May 13 j 02:53	4°♎41'52	8.85547 AU
direct	-5845 Jul 21 j 00:24	1°♎26'06	
evening set	-5845 Oct 28 j 16:47	8°♎35'02	
conjunction	-5845 Nov 14 j 08:04	10°♎35'28	1°22'08
minimum elong	-5845 Nov 14 j 08:07	10°♎35'28	1°22'07
max. Earth dist.	-5845 Nov 13 j 15:00	10°♎30'16	10.78315 AU
morning rise	-5845 Dec 01 j 02:37	12°♎36'59	
retrograde	-5844 Mar 14 j 11:30	20°♎07'04	
opposition	-5844 May 24 j 05:13	16°♎44'13	1°24'30
min. Earth dist.	-5844 May 24 j 19:23	16°♎41'32	8.70665 AU
direct	-5844 Aug 01 j 04:04	13°♎24'40	
evening set	-5844 Nov 08 j 18:44	20°♎41'21	
conjunction	-5844 Nov 25 j 14:01	22°♎44'57	0°54'51
minimum elong	-5844 Nov 25 j 14:04	22°♎44'57	0°54'44
max. Earth dist.	-5844 Nov 24 j 22:24	22°♎40'07	10.62837 AU
morning rise	-5844 Dec 12 j 13:20	24°♎49'54	
	-5843 Jan 30 j 06:11	0°♏	
retrograde	-5843 Mar 27 j 23:25	2°♏32'24	
	-5843 May 25 j 20:42	30°℞♎	
opposition	-5843 Jun 06 j 07:51	29°♎07'41	0°48'43
min. Earth dist.	-5843 Jun 06 j 19:49	29°♎05'22	8.54650 AU
direct	-5843 Aug 13 j 13:06	25°♎47'07	
	-5843 Oct 24 j 12:00	0°♏	
evening set	-5843 Nov 21 j 08:30	3°♏13'06	
conjunction	-5843 Dec 08 j 08:11	5°♏20'12	0°24'07
minimum elong	-5843 Dec 08 j 08:12	5°♏20'12	0°23'56
max. Earth dist.	-5843 Dec 07 j 18:16	5°♏15'50	10.46579 AU
morning rise	-5843 Dec 25 j 12:43	7°♏28'53	
	-5842 Mar 19 j 20:33	15°♏	
retrograde	-5842 Apr 10 j 20:47	15°♏24'29	
	-5842 May 02 j 22:39	15°℞♏	
opposition	-5842 Jun 19 j 19:11	11°♏57'54	0°09'09
min. Earth dist.	-5842 Jun 20 j 04:49	11°♏56'01	8.38291 AU
direct	-5842 Aug 26 j 08:03	8°♏36'06	
desc. node	-5842 Sep 11 j 21:08	8°♏51'04	
	-5842 Nov 24 j 15:01	15°♏	
evening set	-5842 Dec 04 j 11:30	16°♏12'39	
conjunction	-5842 Dec 21 j 15:51	18°♏23'24	-0°08'54
minimum elong	-5842 Dec 21 j 15:50	18°♏23'24	0°09'09
behind sun begin	-5842 Dec 21 j 09:46	18°♏21'28	
behind sun end	-5842 Dec 21 j 21:55	18°♏25'19	
max. Earth dist.	-5842 Dec 21 j 04:45	18°♏19'52	10.30388 AU
morning rise	-5841 Jan 08 j 01:38	20°♏35'54	
retrograde	-5841 Apr 25 j 04:44	28°♏44'38	
opposition	-5841 Jul 03 j 15:30	25°♏16'16	-0°32'28
min. Earth dist.	-5841 Jul 03 j 22:16	25°♏14'55	8.22491 AU
direct	-5841 Sep 08 j 14:01	21°♏53'04	
evening set	-5841 Dec 18 j 04:37	29°♏40'56	
	-5841 Dec 20 j 16:33	0°♐	
conjunction	-5840 Jan 04 j 13:39	1°♐55'16	-0°42'23
minimum elong	-5840 Jan 04 j 13:37	1°♐55'15	0°42'41
max. Earth dist.	-5840 Jan 04 j 07:10	1°♐53'09	10.15181 AU
morning rise	-5840 Jan 22 j 04:17	4°♐11'26	
retrograde	-5840 May 08 j 22:47	12°♐32'30	
opposition	-5840 Jul 16 j 20:15	9°♐02'31	-1°13'48
min. Earth dist.	-5840 Jul 16 j 23:16	9°♐01'55	8.08181 AU
direct	-5840 Sep 21 j 05:59	5°♐37'51	

Attention, astronomical year style is used: The year -5839 in astronomical counting style is the year 5840 BCE in historical counting style.

evening set	-5840 Dec 31 j 12:25	13°♐37'11	
conjunction	-5839 Jan 18 j 01:58	15°♐54'50	-1°14'25
minimum elong	-5839 Jan 18 j 01:54	15°♐54'49	1°14'46
max. Earth dist.	-5839 Jan 18 j 00:58	15°♐54'30	10.01884 AU
morning rise	-5839 Feb 04 j 20:49	18°♐14'16	
retrograde	-5839 May 24 j 01:01	26°♐45'45	
opposition	-5839 Jul 31 j 08:09	23°♐14'30	-1°52'02
min. Earth dist.	-5839 Jul 31 j 06:46	23°♐14'47	7.96255 AU
direct	-5839 Oct 05 j 07:57	19°♐48'19	
evening set	-5838 Jan 15 j 09:59	27°♐58'30	
	-5838 Jan 30 j 18:31	0°♑	
conjunction	-5838 Feb 02 j 03:33	0°♑18'57	-1°42'40
minimum elong	-5838 Feb 02 j 03:29	0°♑18'56	1°43'03
max. Earth dist.	-5838 Feb 02 j 08:10	0°♑20'30	9.91362 AU
morning rise	-5838 Feb 20 j 01:50	2°♑41'00	
retrograde	-5838 Jun 08 j 08:37	11°♑19'58	
opposition	-5838 Aug 15 j 01:37	7°♑47'51	-2°24'08
min. Earth dist.	-5838 Aug 14 j 19:52	7°♑49'03	7.87494 AU
direct	-5838 Oct 19 j 19:30	4°♑20'15	
evening set	-5837 Jan 30 j 19:02	12°♑39'40	
conjunction	-5837 Feb 17 j 15:57	15°♑02'10	-2°04'51
minimum elong	-5837 Feb 17 j 15:54	15°♑02'09	2°05'13
max. Earth dist.	-5837 Feb 18 j 01:59	15°♑05'32	9.84339 AU
morning rise	-5837 Mar 07 j 16:45	17°♑25'58	
retrograde	-5837 Jun 23 j 17:42	26°♑08'30	
opposition	-5837 Aug 29 j 22:17	22°♑36'02	-2°47'15
min. Earth dist.	-5837 Aug 29 j 12:40	22°♑38'04	7.82503 AU
direct	-5837 Nov 03 j 14:15	19°♑07'12	
evening set	-5836 Feb 15 j 12:09	27°♑33'14	
conjunction	-5836 Mar 04 j 11:48	29°♑56'56	-2°19'01
minimum elong	-5836 Mar 04 j 11:46	29°♑56'55	2°19'21
	-5836 Mar 04 j 20:57	0°♒	
max. Earth dist.	-5836 Mar 05 j 02:27	0°♒01'51	9.81330 AU
morning rise	-5836 Mar 22 j 14:15	2°♒21'32	
retrograde	-5836 Jul 08 j 01:06	11°♒03'07	
opposition	-5836 Sep 12 j 19:27	7°♒30'50	-2°59'16
min. Earth dist.	-5836 Sep 12 j 06:59	7°♒33'28	7.81638 AU
direct	-5836 Nov 17 j 14:07	4°♒01'00	
evening set	-5835 Mar 02 j 08:59	12°♒30'17	
conjunction	-5835 Mar 20 j 10:41	14°♒54'15	-2°23'55
minimum elong	-5835 Mar 20 j 10:41	14°♒54'15	2°24'12
max. Earth dist.	-5835 Mar 21 j 04:39	15°♒00'15	9.82549 AU
	-5835 Mar 21 j 03:54	15°♒	
morning rise	-5835 Apr 07 j 13:58	17°♒18'39	
retrograde	-5835 Jul 23 j 03:17	25°♒54'44	
opposition	-5835 Sep 27 j 14:24	22°♒23'11	-2°59'10
min. Earth dist.	-5835 Sep 27 j 00:16	22°♒26'10	7.84935 AU
direct	-5835 Dec 02 j 16:28	18°♒52'41	
evening set	-5834 Mar 18 j 04:50	27°♒21'30	
conjunction	-5834 Apr 05 j 07:45	29°♒44'47	-2°19'15
minimum elong	-5834 Apr 05 j 07:47	29°♒44'48	2°19'27
max. Earth dist.	-5834 Apr 06 j 03:38	29°♒51'23	9.87877 AU
	-5834 Apr 07 j 05:38	0°♓	
morning rise	-5834 Apr 23 j 10:53	2°♓08'02	
retrograde	-5834 Aug 06 j 21:06	10°♓34'41	
opposition	-5834 Oct 12 j 04:25	7°♓04'19	-2°47'15
min. Earth dist.	-5834 Oct 11 j 13:23	7°♓07'28	7.92134 AU
direct	-5834 Dec 17 j 18:21	3°♓33'33	
evening set	-5833 Apr 02 j 19:10	11°♓58'20	
conjunction	-5833 Apr 20 j 22:25	14°♓20'04	-2°05'40
minimum elong	-5833 Apr 20 j 22:28	14°♓20'06	2°05'48
max. Earth dist.	-5833 Apr 21 j 18:57	14°♓26'48	9.96913 AU
morning rise	-5833 May 09 j 00:31	16°♓41'19	
retrograde	-5833 Aug 21 j 04:11	24°♓55'37	
opposition	-5833 Oct 26 j 11:30	21°♓26'50	-2°24'59
min. Earth dist.	-5833 Oct 25 j 20:11	21°♓30'01	8.02718 AU
direct	-5832 Jan 01 j 17:22	17°♓56'15	
evening set	-5832 Apr 17 j 00:24	26°♓13'58	
conjunction	-5832 May 05 j 03:00	28°♓33'26	-1°44'38
minimum elong	-5832 May 05 j 03:04	28°♓33'27	1°44'41
max. Earth dist.	-5832 May 05 j 22:58	28°♓39'53	10.09011 AU
	-5832 May 16 j 07:49	0°♈	
morning rise	-5832 May 23 j 03:09	0°♈51'59	
retrograde	-5832 Sep 02 j 22:25	8°♈52'20	
opposition	-5832 Nov 08 j 10:14	5°♈25'23	-1°54'40
min. Earth dist.	-5832 Nov 07 j 19:05	5°♈28'30	8.15958 AU
direct	-5831 Jan 15 j 09:36	1°♈55'25	
evening set	-5831 May 01 j 18:21	10°♈03'55	
conjunction	-5831 May 19 j 19:10	12°♈20'31	-1°18'05
minimum elong	-5831 May 19 j 19:14	12°♈20'32	1°18'02
max. Earth dist.	-5831 May 20 j 13:43	12°♈26'24	10.23355 AU
morning rise	-5831 Jun 06 j 16:19	14°♈35'52	
retrograde	-5831 Sep 16 j 06:05	22°♈21'50	
opposition	-5831 Nov 21 j 23:53	18°♈56'54	-1°18'55
min. Earth dist.	-5831 Nov 21 j 09:37	18°♈59'47	8.31025 AU
direct	-5830 Jan 29 j 16:40	15°♈27'53	
evening set	-5830 May 15 j 23:30	23°♈25'56	
conjunction	-5830 Jun 02 j 21:28	25°♈39'17	-0°48'02
minimum elong	-5830 Jun 02 j 21:30	25°♈39'18	0°47'55
max. Earth dist.	-5830 Jun 03 j 14:12	25°♈44'30	10.39077 AU
morning rise	-5830 Jun 20 j 14:44	27°♈51'10	
	-5830 Jul 08 j 18:30	0°♉	
retrograde	-5830 Sep 29 j 04:12	5°♉23'18	
opposition	-5830 Dec 05 j 04:38	2°♉00'24	-0°40'20
min. Earth dist.	-5830 Dec 04 j 16:26	2°♉02'50	8.47066 AU
	-5829 Jan 01 j 04:26	30°℞♈	
direct	-5829 Feb 12 j 13:03	28°♈32'36	
	-5829 Mar 26 j 15:42	0°♉	
evening set	-5829 May 29 j 15:22	6°♉19'44	
conjunction	-5829 Jun 16 j 09:28	8°♉29'40	-0°16'30
minimum elong	-5829 Jun 16 j 09:29	8°♉29'40	0°16'18
max. Earth dist.	-5829 Jun 16 j 23:15	8°♉33'53	10.55314 AU
morning rise	-5829 Jul 03 j 22:18	10°♉38'00	
	-5829 Aug 13 j 03:17	15°♉	
retrograde	-5829 Oct 11 j 14:27	17°♉57'31	
	-5829 Dec 13 j 00:56	15°℞♉	
opposition	-5829 Dec 18 j 00:43	14°♉36'36	-0°01'14
min. Earth dist.	-5829 Dec 17 j 15:35	14°♉38'24	8.63243 AU
asc. node	-5829 Dec 29 j 23:16	13°♉41'16	
direct	-5828 Feb 26 j 01:16	11°♉10'09	
	-5828 May 07 j 07:08	15°♉	
evening set	-5828 Jun 10 j 18:39	18°♉46'40	
conjunction	-5828 Jun 28 j 08:05	20°♉53'08	0°14'55
minimum elong	-5828 Jun 28 j 08:04	20°♉53'08	0°15'11
behind sun begin	-5828 Jun 28 j 05:48	20°♉52'27	
behind sun end	-5828 Jun 28 j 10:20	20°♉53'49	
max. Earth dist.	-5828 Jun 28 j 17:38	20°♉56'01	10.71254 AU
morning rise	-5828 Jul 15 j 16:07	22°♉58'00	
	-5828 Oct 11 j 12:42	0°♊	
retrograde	-5828 Oct 22 j 15:14	0°♊06'34	
	-5828 Nov 02 j 19:28	30°℞♉	
opposition	-5828 Dec 29 j 12:52	26°♉47'28	0°36'31

Attention, astronomical year style is used: The year -5828 in astronomical counting style is the year 5829 BCE in historical counting style.

min. Earth dist.	-5828 Dec 29 j 07:01	26°♉48'35	8.78786 AU	
direct	-5827 Mar 10 j 04:33	23°♉22'27		
	-5827 Jun 16 j 07:55	0°♊		
evening set	-5827 Jun 23 j 10:01	0°♊49'01		
conjunction	-5827 Jul 10 j 18:21	2°♊52'12	0°44'42	
minimum elong	-5827 Jul 10 j 18:19	2°♊52'11	0°45'00	
max. Earth dist.	-5827 Jul 10 j 23:14	2°♊53'39	10.86183 AU	
morning rise	-5827 Jul 27 j 21:29	4°♊53'49		
retrograde	-5827 Nov 03 j 09:39	11°♊53'21		
opposition	-5826 Jan 10 j 18:19	8°♊35'46	1°11'27	
min. Earth dist.	-5826 Jan 10 j 15:03	8°♊36'23	8.93019 AU	
direct	-5826 Mar 22 j 21:57	5°♊12'12		
evening set	-5826 Jul 05 j 14:22	12°♊29'47		
conjunction	-5826 Jul 22 j 17:38	14°♊29'57	1°11'50	
minimum elong	-5826 Jul 22 j 17:36	14°♊29'57	1°12'10	
max. Earth dist.	-5826 Jul 22 j 19:01	14°♊30'22	10.99480 AU	
morning rise	-5826 Aug 08 j 15:52	16°♊28'41		
retrograde	-5826 Nov 14 j 21:52	23°♊21'12		
opposition	-5825 Jan 22 j 18:04	20°♊04'48	1°42'28	
min. Earth dist.	-5825 Jan 22 j 17:36	20°♊04'53	9.05358 AU	
direct	-5825 Apr 04 j 07:21	16°♊42'35		
evening set	-5825 Jul 17 j 09:31	23°♊52'26		
conjunction	-5825 Aug 03 j 07:57	25°♊50'00	1°35'30	
minimum elong	-5825 Aug 03 j 07:54	25°♊49'59	1°35'51	
max. Earth dist.	-5825 Aug 03 j 06:02	25°♊49'27	11.10617 AU	
morning rise	-5825 Aug 20 j 01:33	27°♊46'15		
	-5825 Sep 09 j 09:59	0°♋		
retrograde	-5825 Nov 26 j 07:21	4°♋33'43		
opposition	-5824 Feb 03 j 13:19	1°♋18'13	2°08'47	
min. Earth dist.	-5824 Feb 03 j 16:39	1°♋17'36	9.15313 AU	
	-5824 Feb 21 j 16:14	30°℞♊		
direct	-5824 Apr 15 j 08:40	27°♊57'11		
	-5824 Jun 06 j 11:57	0°♋		
evening set	-5824 Jul 27 j 21:04	5°♋00'43		
conjunction	-5824 Aug 13 j 14:54	6°♋56'10	1°55'07	
minimum elong	-5824 Aug 13 j 14:51	6°♋56'10	1°55'28	
max. Earth dist.	-5824 Aug 13 j 08:36	6°♋54'21	11.19154 AU	
morning rise	-5824 Aug 30 j 04:35	8°♋50'30		
retrograde	-5824 Dec 06 j 12:08	15°♋34'56		
opposition	-5823 Feb 14 j 05:45	12°♋19'58	2°29'52	
min. Earth dist.	-5823 Feb 14 j 13:05	12°♋18'37	9.22492 AU	
direct	-5823 Apr 27 j 03:42	8°♋59'58		
evening set	-5823 Aug 08 j 02:26	15°♋58'41		
conjunction	-5823 Aug 24 j 16:17	17°♋52'32	2°10'14	
minimum elong	-5823 Aug 24 j 16:15	17°♋52'32	2°10'35	
max. Earth dist.	-5823 Aug 24 j 05:40	17°♋49'29	11.24784 AU	
morning rise	-5823 Sep 10 j 02:54	19°♋45'31		
retrograde	-5823 Dec 17 j 17:48	26°♋28'59		
opposition	-5822 Feb 25 j 20:32	23°♋14'11	2°45'18	
min. Earth dist.	-5822 Feb 26 j 06:35	23°♋12'21	9.26656 AU	
direct	-5822 May 08 j 20:38	19°♋55'01		
evening set	-5822 Aug 19 j 03:30	26°♋50'26		
conjunction	-5822 Sep 04 j 14:25	28°♋43'18	2°20'31	
minimum elong	-5822 Sep 04 j 14:23	28°♋43'18	2°20'51	
max. Earth dist.	-5822 Sep 04 j 01:19	28°♋39'32	11.27367 AU	
	-5822 Sep 15 j 17:32	0°♌		
morning rise	-5822 Sep 20 j 22:44	0°♌35'30		
retrograde	-5822 Dec 29 j 00:23	7°♌19'52		
opposition	-5821 Mar 09 j 10:52	4°♌04'51	2°54'48	
min. Earth dist.	-5821 Mar 09 j 22:48	4°♌02'41	9.27728 AU	
direct	-5821 May 20 j 08:22	0°♌46'19		
evening set	-5821 Aug 30 j 01:59	7°♌39'53		
conjunction	-5821 Sep 15 j 10:54	9°♌32'21	2°25'46	
minimum elong	-5821 Sep 15 j 10:53	9°♌32'21	2°26'04	
max. Earth dist.	-5821 Sep 14 j 19:51	9°♌28'00	11.26878 AU	
morning rise	-5821 Oct 01 j 17:53	11°♌24'22		
	-5821 Nov 05 j 09:39	15°♌		
retrograde	-5820 Jan 09 j 10:04	18°♌11'25		
	-5820 Mar 19 j 03:34	15°℞♌		
opposition	-5820 Mar 20 j 02:25	14°♌55'51	2°58'08	
min. Earth dist.	-5820 Mar 20 j 16:42	14°♌53'15	9.25723 AU	
direct	-5820 May 30 j 18:44	11°♌37'41		
	-5820 Aug 06 j 07:47	15°♌		
evening set	-5820 Sep 08 j 23:40	18°♌30'50		
conjunction	-5820 Sep 25 j 07:21	20°♌23'29	2°25'49	
minimum elong	-5820 Sep 25 j 07:21	20°♌23'29	2°26'04	
max. Earth dist.	-5820 Sep 24 j 13:39	20°♌18'21	11.23375 AU	
morning rise	-5820 Oct 11 j 14:14	22°♌15'58		
retrograde	-5819 Jan 19 j 21:53	29°♌07'24		
opposition	-5819 Mar 31 j 20:22	25°♌50'56	2°55'08	
min. Earth dist.	-5819 Apr 01 j 12:43	25°♌47'58	9.20739 AU	
direct	-5819 Jun 11 j 04:13	22°♌32'53		
evening set	-5819 Sep 19 j 22:14	29°♌27'05		
	-5819 Sep 24 j 16:59	0°♍		
max. Earth dist.	-5819 Oct 05 j 10:38	1°♍14'54	11.16996 AU	
conjunction	-5819 Oct 06 j 05:50	1°♍20'31	2°20'32	
minimum elong	-5819 Oct 06 j 05:52	1°♍20'31	2°20'44	
morning rise	-5819 Oct 22 j 13:44	3°♍14'04		
retrograde	-5818 Jan 31 j 15:46	10°♍11'37		
opposition	-5818 Apr 12 j 17:43	6°♍53'55	2°45'41	
min. Earth dist.	-5818 Apr 13 j 10:50	6°♍50'47	9.12952 AU	
direct	-5818 Jun 22 j 16:58	3°♍35'43		
evening set	-5818 Sep 30 j 23:25	10°♍32'28		
conjunction	-5818 Oct 17 j 08:12	12°♍27'18	2°09'57	
minimum elong	-5818 Oct 17 j 08:15	12°♍27'19	2°10'05	
max. Earth dist.	-5818 Oct 16 j 13:22	12°♍21'45	11.07941 AU	
morning rise	-5818 Nov 02 j 18:00	14°♍22'32		
retrograde	-5817 Feb 12 j 18:10	21°♍27'48		
opposition	-5817 Apr 24 j 19:43	18°♍08'37	2°29'48	
min. Earth dist.	-5817 Apr 25 j 12:14	18°♍05'34	9.02601 AU	
direct	-5817 Jul 04 j 07:20	14°♍50'07		
evening set	-5817 Oct 12 j 05:25	21°♍50'53		
conjunction	-5817 Oct 28 j 16:14	23°♍47'41	1°54'07	
minimum elong	-5817 Oct 28 j 16:17	23°♍47'42	1°54'11	
max. Earth dist.	-5817 Oct 27 j 21:31	23°♍42'07	10.96495 AU	
morning rise	-5817 Nov 14 j 04:55	25°♍45'11		
	-5817 Dec 24 j 12:09	0°♎		
retrograde	-5816 Feb 25 j 03:19	2°♎59'44		
	-5816 May 01 j 10:21	30°℞♍		
opposition	-5816 May 06 j 03:39	29°♍38'54	2°07'35	
min. Earth dist.	-5816 May 06 j 19:37	29°♍35'55	8.90039 AU	
direct	-5816 Jul 15 j 00:08	26°♍19'51		
	-5816 Sep 21 j 10:40	0°♎		
evening set	-5816 Oct 22 j 18:12	3°♎26'15		
conjunction	-5816 Nov 08 j 07:49	5°♎25'33	1°33'16	
minimum elong	-5816 Nov 08 j 07:52	5°♎25'34	1°33'17	
max. Earth dist.	-5816 Nov 07 j 13:08	5°♎19'54	10.83068 AU	
morning rise	-5816 Nov 25 j 00:28	7°♎25'50		
retrograde	-5815 Mar 08 j 22:31	14°♎51'07		
opposition	-5815 May 18 j 18:43	11°♎28'30	1°39'21	
min. Earth dist.	-5815 May 19 j 09:58	11°♎25'37	8.75730 AU	
direct	-5815 Jul 27 j 00:13	8°♎08'43		

Attention, astronomical year style is used: The year -5815 in astronomical counting style is the year 5816 BCE in historical counting style.

evening set	-5815 Nov 03 j 15:35	15°♎22'14	
conjunction	-5815 Nov 20 j 08:55	17°♎24'31	1°07'51
minimum elong	-5815 Nov 20 j 08:57	17°♎24'32	1°07'46
max. Earth dist.	-5815 Nov 19 j 15:40	17°♎19'14	10.68154 AU
morning rise	-5815 Dec 07 j 06:13	19°♎28'05	
retrograde	-5814 Mar 22 j 03:40	27°♎05'18	
opposition	-5814 May 31 j 17:37	23°♎40'49	1°05'42
min. Earth dist.	-5814 Jun 01 j 07:15	23°♎38'13	8.60229 AU
direct	-5814 Aug 08 j 06:53	20°♎20'07	
evening set	-5814 Nov 15 j 23:45	27°♎42'16	
conjunction	-5814 Dec 02 j 21:27	29°♎47'54	0°38'33
minimum elong	-5814 Dec 02 j 21:29	29°♎47'54	0°38'24
max. Earth dist.	-5814 Dec 02 j 07:14	29°♎43'28	10.52339 AU
	-5814 Dec 04 j 12:15	0°♏	
morning rise	-5814 Dec 19 j 23:40	1°♏55'02	
retrograde	-5813 Apr 04 j 19:22	9°♏45'03	
opposition	-5813 Jun 14 j 00:53	6°♏18'44	0°27'39
min. Earth dist.	-5813 Jun 14 j 11:28	6°♏16'40	8.44197 AU
direct	-5813 Aug 20 j 22:47	2°♏56'58	
evening set	-5813 Nov 28 j 20:25	10°♏29'02	
conjunction	-5813 Dec 15 j 22:45	12°♏38'15	0°06'28
minimum elong	-5813 Dec 15 j 22:46	12°♏38'15	0°06'15
behind sun begin	-5813 Dec 15 j 16:01	12°♏36'08	
behind sun end	-5813 Dec 16 j 05:31	12°♏40'23	
max. Earth dist.	-5813 Dec 15 j 12:13	12°♏34'56	10.36340 AU
morning rise	-5812 Jan 02 j 06:03	14°♏49'08	
	-5812 Jan 03 j 17:07	15°♏	
desc. node	-5812 Feb 27 j 02:13	20°♏44'55	
retrograde	-5812 Apr 17 j 23:47	22°♏52'20	
opposition	-5812 Jun 26 j 17:11	19°♏24'15	-0°13'19
min. Earth dist.	-5812 Jun 26 j 23:58	19°♏22'55	8.28413 AU
direct	-5812 Sep 01 j 23:10	16°♏01'20	
evening set	-5812 Dec 11 j 06:53	23°♏44'16	
conjunction	-5812 Dec 28 j 13:54	25°♏57'06	-0°27'06
minimum elong	-5812 Dec 28 j 13:52	25°♏57'05	0°27'23
max. Earth dist.	-5812 Dec 28 j 07:14	25°♏54'57	10.20978 AU
morning rise	-5811 Jan 15 j 02:14	28°♏11'43	
	-5811 Jan 29 j 17:40	0°♐	
retrograde	-5811 May 02 j 15:00	6°♐27'38	
opposition	-5811 Jul 10 j 18:13	2°♐58'02	-0°55'07
min. Earth dist.	-5811 Jul 10 j 21:06	2°♐57'27	8.13733 AU
	-5811 Aug 24 j 15:33	30°℞♏	
direct	-5811 Sep 15 j 08:50	29°♏33'50	
	-5811 Oct 06 j 22:11	0°♐	
evening set	-5811 Dec 25 j 08:10	7°♐28'11	
conjunction	-5810 Jan 11 j 19:37	9°♐44'25	-1°00'05
minimum elong	-5810 Jan 11 j 19:35	9°♐44'25	1°00'25
max. Earth dist.	-5810 Jan 11 j 17:01	9°♐43'34	10.07127 AU
morning rise	-5810 Jan 29 j 12:36	12°♐02'30	
retrograde	-5810 May 17 j 14:34	20°♐29'44	
opposition	-5810 Jul 25 j 03:03	16°♐58'55	-1°35'08
min. Earth dist.	-5810 Jul 25 j 02:22	16°♐59'03	8.01038 AU
direct	-5810 Sep 29 j 05:42	13°♐33'24	
evening set	-5809 Jan 08 j 23:43	21°♐38'58	
conjunction	-5809 Jan 26 j 15:18	23°♐58'13	-1°30'22
minimum elong	-5809 Jan 26 j 15:14	23°♐58'11	1°30'43
max. Earth dist.	-5809 Jan 26 j 17:36	23°♐58'58	9.95669 AU
morning rise	-5809 Feb 13 j 12:09	26°♐19'11	
	-5809 Mar 15 j 15:01	0°♑	
retrograde	-5809 Jun 01 j 20:17	4°♑55'17	
opposition	-5809 Aug 08 j 18:30	1°♑23'38	-2°10'23
min. Earth dist.	-5809 Aug 08 j 14:08	1°♑24'32	7.91173 AU
	-5809 Aug 26 j 03:19	30°℞♐	
direct	-5809 Oct 13 j 13:42	27°♐56'51	
	-5809 Nov 29 j 15:21	0°♑	
evening set	-5808 Jan 24 j 03:47	6°♑12'23	
conjunction	-5808 Feb 10 j 23:02	8°♑34'01	-1°55'35
minimum elong	-5808 Feb 10 j 22:58	8°♑34'00	1°55'57
max. Earth dist.	-5808 Feb 11 j 06:45	8°♑36'36	9.87408 AU
morning rise	-5808 Feb 28 j 22:54	10°♑57'07	
retrograde	-5808 Jun 16 j 04:28	19°♑38'36	
opposition	-5808 Aug 22 j 14:18	16°♑06'34	-2°37'53
min. Earth dist.	-5808 Aug 22 j 06:15	16°♑08'14	7.84838 AU
direct	-5808 Oct 27 j 06:10	12°♑38'37	
evening set	-5807 Feb 07 j 17:55	21°♑01'56	
conjunction	-5807 Feb 25 j 16:16	23°♑25'08	-2°13'35
minimum elong	-5807 Feb 25 j 16:13	23°♑25'07	2°13'55
max. Earth dist.	-5807 Feb 26 j 05:08	23°♑29'26	9.82959 AU
morning rise	-5807 Mar 15 j 18:11	25°♑49'25	
	-5807 Apr 18 j 21:19	0°♒	
retrograde	-5807 Jul 01 j 12:39	4°♒31'52	
opposition	-5807 Sep 06 j 11:42	0°♒59'56	-2°55'06
min. Earth dist.	-5807 Sep 06 j 00:17	1°♒02'20	7.82494 AU
	-5807 Sep 18 j 13:17	30°℞♑	
direct	-5807 Nov 11 j 04:26	27°♑31'01	
	-5806 Jan 02 j 07:28	0°♒	
evening set	-5806 Feb 23 j 13:50	5°♒59'00	
conjunction	-5806 Mar 13 j 14:37	8°♒22'50	-2°22'46
minimum elong	-5806 Mar 13 j 14:36	8°♒22'50	2°23'04
max. Earth dist.	-5806 Mar 14 j 07:54	8°♒28'37	9.82651 AU
morning rise	-5806 Mar 31 j 17:37	10°♒47'19	
	-5806 May 05 j 05:53	15°♒	
retrograde	-5806 Jul 16 j 17:28	19°♒26'05	
opposition	-5806 Sep 21 j 08:02	15°♒54'43	-3°00'30
min. Earth dist.	-5806 Sep 20 j 17:47	15°♒57'43	7.84285 AU
	-5806 Oct 02 j 07:28	15°℞♒	
direct	-5806 Nov 26 j 06:20	12°♒25'06	
	-5805 Jan 18 j 19:29	15°♒	
evening set	-5805 Mar 11 j 10:33	20°♒54'02	
conjunction	-5805 Mar 29 j 13:00	23°♒17'33	-2°22'24
minimum elong	-5805 Mar 29 j 13:01	23°♒17'33	2°22'38
max. Earth dist.	-5805 Mar 30 j 09:25	23°♒24'20	9.86462 AU
morning rise	-5805 Apr 16 j 16:10	25°♒41'14	
	-5805 May 22 j 09:23	0°♓	
retrograde	-5805 Jul 31 j 15:19	4°♓12'06	
min. Earth dist.	-5805 Oct 05 j 08:37	0°♓45'02	7.89994 AU
opposition	-5805 Oct 06 j 00:28	0°♓41'42	-2°53'49
	-5805 Oct 14 j 08:52	30°℞♒	
direct	-5805 Dec 11 j 08:34	27°♒11'40	
	-5804 Feb 05 j 20:31	0°♓	
evening set	-5804 Mar 26 j 03:43	5°♓37'57	
conjunction	-5804 Apr 13 j 07:00	8°♓00'17	-2°12'44
minimum elong	-5804 Apr 13 j 07:03	8°♓00'18	2°12'54
max. Earth dist.	-5804 Apr 14 j 04:29	8°♓07'22	9.93995 AU
morning rise	-5804 May 01 j 09:31	10°♓22'19	
retrograde	-5804 Aug 14 j 03:57	18°♓41'59	
opposition	-5804 Oct 19 j 10:38	15°♓12'59	-2°36'02
min. Earth dist.	-5804 Oct 18 j 18:50	15°♓16'17	7.99078 AU
direct	-5804 Dec 25 j 08:22	11°♓42'53	
evening set	-5803 Apr 10 j 13:32	20°♓03'32	
conjunction	-5803 Apr 28 j 16:37	22°♓23'57	-1°54'53
minimum elong	-5803 Apr 28 j 16:41	22°♓23'58	1°54'58

Attention, astronomical year style is used: The year -5803 in astronomical counting style is the year 5804 BCE in historical counting style.

max. Earth dist.	-5803 Apr 29 j 13:22	22°♓30'42	10.04594 AU
morning rise	-5803 May 16 j 17:34	24°♓43'38	
	-5803 Jul 02 j 07:56	0°♈	
retrograde	-5803 Aug 28 j 05:00	2°♈50'08	
	-5803 Oct 26 j 00:11	30°℞♓	
opposition	-5803 Nov 02 j 13:20	29°♓22'52	-2°09'05
min. Earth dist.	-5803 Nov 01 j 22:36	29°♓25'54	8.10877 AU
direct	-5802 Jan 09 j 03:01	25°♓53'06	
	-5802 Mar 21 j 08:37	0°♈	
evening set	-5802 Apr 25 j 13:01	4°♈05'44	
conjunction	-5802 May 13 j 14:45	6°♈23'36	-1°30'34
minimum elong	-5802 May 13 j 14:49	6°♈23'37	1°30'34
max. Earth dist.	-5802 May 14 j 09:38	6°♈29'38	10.17590 AU
morning rise	-5802 May 31 j 13:14	8°♈40'22	
retrograde	-5802 Sep 10 j 18:19	16°♈32'51	
opposition	-5802 Nov 16 j 07:30	13°♈07'28	-1°35'28
min. Earth dist.	-5802 Nov 15 j 18:26	13°♈10'07	8.24736 AU
direct	-5801 Jan 23 j 14:28	9°♈38'22	
evening set	-5801 May 10 j 00:28	17°♈41'18	
conjunction	-5801 May 27 j 23:45	19°♈56'09	-1°01'50
minimum elong	-5801 May 27 j 23:48	19°♈56'10	1°01'45
max. Earth dist.	-5801 May 28 j 15:39	20°♈01'09	10.32271 AU
morning rise	-5801 Jun 14 j 18:57	22°♈09'38	
retrograde	-5801 Sep 23 j 20:07	29°♈48'09	
opposition	-5801 Nov 29 j 16:34	26°♈24'38	-0°57'52
min. Earth dist.	-5801 Nov 29 j 05:11	26°♈26'55	8.39907 AU
direct	-5800 Feb 06 j 17:19	22°♈56'27	
	-5800 May 16 j 03:59	0°♉	
evening set	-5800 May 22 j 22:56	0°♉48'51	
conjunction	-5800 Jun 09 j 18:49	3°♉00'24	-0°30'44
minimum elong	-5800 Jun 09 j 18:51	3°♉00'24	0°30'33
max. Earth dist.	-5800 Jun 10 j 07:28	3°♉04'18	10.47836 AU
morning rise	-5800 Jun 27 j 09:58	5°♉10'26	
retrograde	-5800 Oct 05 j 10:41	12°♉35'51	
opposition	-5800 Dec 11 j 16:52	9°♉14'09	-0°18'42
min. Earth dist.	-5800 Dec 11 j 07:17	9°♉16'03	8.55576 AU
direct	-5799 Feb 19 j 11:26	5°♉47'05	
evening set	-5799 Jun 05 j 08:22	13°♉28'48	
asc. node	-5799 Jun 11 j 09:10	14°♉12'14	
	-5799 Jun 17 j 22:46	15°♉	
conjunction	-5799 Jun 23 j 00:03	15°♉36'56	0°01'00
minimum elong	-5799 Jun 23 j 00:03	15°♉36'56	0°01'15
behind sun begin	-5799 Jun 22 j 16:52	15°♉34'47	
behind sun end	-5799 Jun 23 j 07:14	15°♉39'06	
max. Earth dist.	-5799 Jun 23 j 09:46	15°♉39'53	10.63470 AU
morning rise	-5799 Jul 10 j 10:27	17°♉43'29	
retrograde	-5799 Oct 17 j 17:02	24°♉57'17	
opposition	-5799 Dec 24 j 08:58	21°♉37'16	0°19'54
min. Earth dist.	-5799 Dec 24 j 01:44	21°♉38'40	8.70968 AU
direct	-5798 Mar 04 j 18:43	18°♉11'26	
evening set	-5798 Jun 18 j 05:22	25°♉42'53	
conjunction	-5798 Jul 05 j 16:17	27°♉47'42	0°31'39
minimum elong	-5798 Jul 05 j 16:15	27°♉47'42	0°31'57
max. Earth dist.	-5798 Jul 05 j 22:57	27°♉49'42	10.78441 AU
morning rise	-5798 Jul 22 j 21:38	29°♉50'54	
	-5798 Jul 24 j 04:43	0°♊	
retrograde	-5798 Oct 29 j 15:22	6°♊54'51	
opposition	-5797 Jan 05 j 17:45	3°♊36'18	0°56'18
min. Earth dist.	-5797 Jan 05 j 13:57	3°♊37'02	8.85401 AU
direct	-5797 Mar 17 j 15:27	0°♊11'44	
evening set	-5797 Jun 30 j 14:55	7°♊33'49	

conjunction	-5797 Jul 17 j 20:42	9°♊35'31	1°00'08
minimum elong	-5797 Jul 17 j 20:39	9°♊35'30	1°00'28
max. Earth dist.	-5797 Jul 17 j 23:19	9°♊36'17	10.92112 AU
morning rise	-5797 Aug 03 j 21:09	11°♊35'41	
retrograde	-5797 Nov 10 j 05:14	18°♊31'43	
opposition	-5796 Jan 17 j 20:16	15°♊14'24	1°29'15
min. Earth dist.	-5796 Jan 17 j 20:02	15°♊14'27	8.98277 AU
direct	-5796 Mar 29 j 04:47	11°♊51'03	
evening set	-5796 Jul 11 j 14:31	19°♊04'56	
conjunction	-5796 Jul 28 j 15:07	21°♊03'50	1°25'28
minimum elong	-5796 Jul 28 j 15:04	21°♊03'50	1°25'49
max. Earth dist.	-5796 Jul 28 j 13:13	21°♊03'17	11.03954 AU
morning rise	-5796 Aug 14 j 10:57	23°♊01'22	
retrograde	-5796 Nov 20 j 15:30	29°♊51'30	
opposition	-5795 Jan 28 j 17:42	26°♊35'07	1°57'48
min. Earth dist.	-5795 Jan 28 j 20:12	26°♊34'39	9.09113 AU
direct	-5795 Apr 10 j 11:05	23°♊12'59	
	-5795 Jul 20 j 07:07	0°♋	
evening set	-5795 Jul 23 j 05:33	0°♋19'55	
conjunction	-5795 Aug 09 j 01:26	2°♋16'30	1°46'59
minimum elong	-5795 Aug 09 j 01:23	2°♋16'29	1°47'20
max. Earth dist.	-5795 Aug 08 j 20:21	2°♋15'01	11.13562 AU
morning rise	-5795 Aug 25 j 17:01	4°♋11'50	
retrograde	-5795 Dec 01 j 22:21	10°♋58'04	
opposition	-5794 Feb 09 j 11:31	7°♋42'19	2°21'19
min. Earth dist.	-5794 Feb 09 j 16:09	7°♋41'27	9.17544 AU
direct	-5794 Apr 22 j 09:41	4°♋21'18	
evening set	-5794 Aug 03 j 13:30	11°♋22'40	
conjunction	-5794 Aug 20 j 05:20	13°♋17'23	2°04'10
minimum elong	-5794 Aug 20 j 05:17	13°♋17'23	2°04'31
max. Earth dist.	-5794 Aug 19 j 21:59	13°♋15'16	11.20621 AU
morning rise	-5794 Sep 05 j 17:15	15°♋11'05	
retrograde	-5794 Dec 13 j 05:25	21°♋55'21	
opposition	-5793 Feb 21 j 03:00	18°♋39'58	2°39'20
min. Earth dist.	-5793 Feb 21 j 10:37	18°♋38'34	9.23295 AU
direct	-5793 May 04 j 03:06	15°♋19'57	
evening set	-5793 Aug 14 j 16:32	22°♋17'12	
conjunction	-5793 Aug 31 j 04:49	24°♋10'37	2°16'39
minimum elong	-5793 Aug 31 j 04:48	24°♋10'37	2°16'59
max. Earth dist.	-5793 Aug 30 j 18:04	24°♋07'31	11.24912 AU
morning rise	-5793 Sep 16 j 14:05	26°♋03'14	
	-5793 Oct 25 j 06:21	0°♌	
retrograde	-5793 Dec 24 j 09:38	2°♌47'21	
	-5792 Feb 26 j 07:28	30°℞♋	
opposition	-5792 Mar 03 j 17:26	29°♋32'03	2°51'29
min. Earth dist.	-5792 Mar 04 j 04:09	29°♋30'06	9.26192 AU
direct	-5792 May 14 j 14:58	26°♋12'51	
	-5792 Jul 26 j 00:31	0°♌	
evening set	-5792 Aug 24 j 16:07	3°♌07'28	
max. Earth dist.	-5792 Sep 09 j 11:52	4°♌56'08	11.26315 AU
conjunction	-5792 Sep 10 j 01:44	5°♌00'08	2°24'09
minimum elong	-5792 Sep 10 j 01:43	5°♌00'08	2°24'28
morning rise	-5792 Sep 26 j 09:21	6°♌52'16	
retrograde	-5791 Jan 03 j 17:10	13°♌38'08	
opposition	-5791 Mar 15 j 08:22	10°♌22'34	2°57'32
min. Earth dist.	-5791 Mar 15 j 20:59	10°♌20'16	9.26142 AU
direct	-5791 May 26 j 03:42	7°♌04'00	
evening set	-5791 Sep 04 j 13:46	13°♌57'24	
	-5791 Sep 13 j 17:03	15°♌	
conjunction	-5791 Sep 20 j 21:54	15°♌49'56	2°26'30
minimum elong	-5791 Sep 20 j 21:54	15°♌49'56	2°26'46

Attention, astronomical year style is used: The year -5791 in astronomical counting style is the year 5792 BCE in historical counting style.

max. Earth dist.	-5791 Sep 20 j 06:54	15°♌45'36	11.24780 AU
morning rise	-5791 Oct 07 j 04:46	17°♌42'11	
retrograde	-5790 Jan 15 j 05:01	24°♌31'31	
opposition	-5790 Mar 27 j 00:58	21°♌15'22	2°57'18
min. Earth dist.	-5790 Mar 27 j 14:27	21°♌12'55	9.23135 AU
direct	-5790 Jun 06 j 13:50	17°♌57'17	
evening set	-5790 Sep 15 j 11:40	24°♌50'52	
conjunction	-5790 Oct 01 j 19:20	26°♌43'53	2°23'33
minimum elong	-5790 Oct 01 j 19:22	26°♌43'53	2°23'46
max. Earth dist.	-5790 Oct 01 j 03:18	26°♌39'13	11.20339 AU
morning rise	-5790 Oct 18 j 02:31	28°♌36'52	
	-5790 Oct 30 j 13:08	0°♍	
retrograde	-5789 Jan 26 j 20:49	5°♍31'21	
opposition	-5789 Apr 07 j 20:23	2°♍14'21	2°50'39
min. Earth dist.	-5789 Apr 08 j 11:05	2°♍11'40	9.17257 AU
	-5789 May 11 j 14:28	30°℞♌	
direct	-5789 Jun 17 j 23:31	28°♌56'27	
	-5789 Jul 24 j 11:00	0°♍	
evening set	-5789 Sep 26 j 11:34	5°♍51'45	
conjunction	-5789 Oct 12 j 19:39	7°♍45'49	2°15'17
minimum elong	-5789 Oct 12 j 19:41	7°♍45'50	2°15'26
max. Earth dist.	-5789 Oct 12 j 01:51	7°♍40'36	11.13131 AU
morning rise	-5789 Oct 29 j 04:24	9°♍40'08	
retrograde	-5788 Feb 07 j 18:44	16°♍41'25	
opposition	-5788 Apr 18 j 20:12	13°♍23'17	2°37'33
min. Earth dist.	-5788 Apr 19 j 12:10	13°♍20'21	9.08692 AU
direct	-5788 Jun 28 j 11:58	10°♍05'21	
evening set	-5788 Oct 06 j 15:06	17°♍03'47	
max. Earth dist.	-5788 Oct 22 j 06:25	18°♍54'05	11.03381 AU
conjunction	-5788 Oct 23 j 00:40	18°♍59'29	2°01'43
minimum elong	-5788 Oct 23 j 00:43	18°♍59'30	2°01'49
morning rise	-5788 Nov 08 j 12:00	20°♍55'45	
retrograde	-5787 Feb 18 j 22:54	28°♍05'25	
opposition	-5787 May 01 j 01:20	24°♍45'52	2°18'04
min. Earth dist.	-5787 May 01 j 17:13	24°♍42'55	8.97714 AU
direct	-5787 Jul 10 j 04:06	21°♍27'38	
evening set	-5787 Oct 18 j 00:23	28°♍30'44	
	-5787 Oct 30 j 13:05	0°♎	
conjunction	-5787 Nov 03 j 12:35	0°♎28'38	1°43'03
minimum elong	-5787 Nov 03 j 12:38	0°♎28'39	1°43'05
max. Earth dist.	-5787 Nov 02 j 19:23	0°♎23'28	10.91391 AU
morning rise	-5787 Nov 20 j 03:16	2°♎27'22	
retrograde	-5786 Mar 03 j 14:12	9°♎46'51	
opposition	-5786 May 13 j 12:37	6°♎25'40	1°52'27
min. Earth dist.	-5786 May 14 j 03:16	6°♎22'56	8.84679 AU
direct	-5786 Jul 22 j 02:12	3°♎06'53	
evening set	-5786 Oct 29 j 17:21	10°♎16'08	
conjunction	-5786 Nov 15 j 08:56	12°♎16'44	1°19'36
minimum elong	-5786 Nov 15 j 08:59	12°♎16'45	1°19'34
max. Earth dist.	-5786 Nov 14 j 16:50	12°♎11'51	10.77546 AU
morning rise	-5786 Dec 02 j 03:47	14°♎18'27	
retrograde	-5785 Mar 16 j 14:51	21°♎49'03	
opposition	-5785 May 26 j 07:16	18°♎26'05	1°21'10
min. Earth dist.	-5785 May 26 j 20:21	18°♎23'36	8.70012 AU
direct	-5785 Aug 03 j 04:06	15°♎06'30	
evening set	-5785 Nov 10 j 19:55	22°♎23'26	
conjunction	-5785 Nov 27 j 15:22	24°♎27'09	0°51'59
minimum elong	-5785 Nov 27 j 15:24	24°♎27'09	0°51'52
max. Earth dist.	-5785 Nov 26 j 23:53	24°♎22'22	10.62313 AU
morning rise	-5785 Dec 14 j 15:03	26°♎32'15	
	-5784 Jan 14 j 04:25	0°♏	

retrograde	-5784 Mar 29 j 01:14	4°♏15'05	
opposition	-5784 Jun 07 j 10:08	0°♏50'16	0°45'03
min. Earth dist.	-5784 Jun 07 j 21:50	0°♏48'01	8.54252 AU
	-5784 Jun 18 j 10:05	30°℞♎	
direct	-5784 Aug 14 j 14:31	27°♎29'41	
	-5784 Oct 07 j 21:38	0°♏	
evening set	-5784 Nov 22 j 10:03	4°♏55'49	
conjunction	-5784 Dec 09 j 09:54	7°♏03'00	0°21'04
minimum elong	-5784 Dec 09 j 09:55	7°♏03'00	0°20'52
max. Earth dist.	-5784 Dec 08 j 20:16	6°♏58'43	10.46306 AU
morning rise	-5784 Dec 26 j 14:47	9°♏11'47	
	-5783 Feb 19 j 17:39	15°♏	
retrograde	-5783 Apr 11 j 22:52	17°♏07'36	
	-5783 Jun 03 j 14:18	15°℞♏	
opposition	-5783 Jun 20 j 21:38	13°♏40'58	0°05'18
min. Earth dist.	-5783 Jun 21 j 07:17	13°♏39'04	8.38134 AU
desc. node	-5783 Aug 08 j 14:56	10°♏38'11	
direct	-5783 Aug 27 j 10:28	10°♏19'09	
	-5783 Nov 10 j 21:15	15°♏	
evening set	-5783 Dec 05 j 13:19	17°♏55'46	
conjunction	-5783 Dec 22 j 17:55	20°♏06'34	-0°11'59
minimum elong	-5783 Dec 22 j 17:55	20°♏06'34	0°12'15
behind sun begin	-5783 Dec 22 j 13:08	20°♏05'03	
behind sun end	-5783 Dec 22 j 22:43	20°♏08'05	
max. Earth dist.	-5783 Dec 22 j 07:49	20°♏03'21	10.30336 AU
morning rise	-5782 Jan 09 j 03:56	22°♏19'08	
	-5782 Apr 03 j 00:44	0°♐	
retrograde	-5782 Apr 26 j 07:20	0°♐27'57	
	-5782 May 19 j 16:57	30°℞♏	
opposition	-5782 Jul 04 j 17:54	26°♏59'34	-0°36'16
min. Earth dist.	-5782 Jul 05 j 00:20	26°♏58'18	8.22546 AU
direct	-5782 Sep 09 j 16:05	23°♏36'23	
	-5782 Dec 08 j 00:21	0°♐	
evening set	-5782 Dec 19 j 06:51	1°♐24'16	
conjunction	-5781 Jan 05 j 16:09	3°♐38'38	-0°45'20
minimum elong	-5781 Jan 05 j 16:07	3°♐38'37	0°45'39
max. Earth dist.	-5781 Jan 05 j 10:53	3°♐36'55	10.15322 AU
morning rise	-5781 Jan 23 j 06:50	5°♐54'48	
retrograde	-5781 May 11 j 01:13	14°♐15'47	
opposition	-5781 Jul 18 j 22:21	10°♐45'51	-1°17'18
min. Earth dist.	-5781 Jul 19 j 00:35	10°♐45'24	8.08423 AU
direct	-5781 Sep 23 j 08:13	7°♐21'13	
evening set	-5780 Jan 02 j 14:51	15°♐20'31	
conjunction	-5780 Jan 20 j 04:32	17°♐38'08	-1°17'03
minimum elong	-5780 Jan 20 j 04:29	17°♐38'07	1°17'24
max. Earth dist.	-5780 Jan 20 j 04:21	17°♐38'05	10.02203 AU
morning rise	-5780 Feb 06 j 23:22	19°♐57'31	
retrograde	-5780 May 25 j 03:12	28°♐28'47	
opposition	-5780 Aug 01 j 10:02	24°♐57'35	-1°55'01
min. Earth dist.	-5780 Aug 01 j 07:49	24°♐58'03	7.96669 AU
direct	-5780 Oct 06 j 10:01	21°♐31'29	
evening set	-5779 Jan 16 j 12:23	29°♐41'30	
	-5779 Jan 18 j 21:05	0°♑	
conjunction	-5779 Feb 03 j 05:58	2°♑01'53	-1°44'48
minimum elong	-5779 Feb 03 j 05:54	2°♑01'52	1°45'10
max. Earth dist.	-5779 Feb 03 j 10:48	2°♑03'30	9.91849 AU
morning rise	-5779 Feb 21 j 04:15	4°♑23'50	
retrograde	-5779 Jun 09 j 10:25	13°♑02'24	
opposition	-5779 Aug 16 j 03:08	9°♑30'23	-2°26'23
min. Earth dist.	-5779 Aug 15 j 21:04	9°♑31'39	7.88062 AU
direct	-5779 Oct 20 j 20:12	6°♑02'51	
evening set	-5778 Jan 31 j 21:23	14°♑22'00	

Attention, astronomical year style is used: The year -5778 in astronomical counting style is the year 5779 BCE in historical counting style.

conjunction	-5778 Feb 18 j 18:16	16°♑44'24	-2°06'20
minimum elong	-5778 Feb 18 j 18:12	16°♑44'23	2°06'42
max. Earth dist.	-5778 Feb 19 j 03:48	16°♑47'36	9.84971 AU
morning rise	-5778 Mar 08 j 19:06	19°♑08'06	
retrograde	-5778 Jun 24 j 19:35	27°♑50'00	
opposition	-5778 Aug 30 j 23:16	24°♑17'41	-2°48'37
min. Earth dist.	-5778 Aug 30 j 14:01	24°♑19'37	7.83197 AU
direct	-5778 Nov 04 j 14:35	20°♑48'52	
evening set	-5777 Feb 16 j 14:10	29°♑14'33	
	-5777 Feb 22 j 07:52	0°♒	
conjunction	-5777 Mar 06 j 13:44	1°♒38'07	-2°19'46
minimum elong	-5777 Mar 06 j 13:42	1°♒38'07	2°20'05
max. Earth dist.	-5777 Mar 07 j 03:24	1°♒42'42	9.82072 AU
morning rise	-5777 Mar 24 j 16:15	4°♒02'36	
retrograde	-5777 Jul 10 j 02:33	12°♒43'24	
opposition	-5777 Sep 14 j 19:55	9°♒11'17	-2°59'40
min. Earth dist.	-5777 Sep 14 j 08:13	9°♒13'45	7.82419 AU
direct	-5777 Nov 19 j 14:57	5°♒41'28	
evening set	-5776 Mar 03 j 10:18	14°♒10'18	
	-5776 Mar 09 j 17:19	15°♒	
conjunction	-5776 Mar 21 j 11:57	16°♒34'06	-2°23'54
minimum elong	-5776 Mar 21 j 11:57	16°♒34'07	2°24'09
max. Earth dist.	-5776 Mar 22 j 04:50	16°♒39'45	9.83357 AU
morning rise	-5776 Apr 08 j 15:17	18°♒58'22	
retrograde	-5776 Jul 24 j 03:28	27°♒33'36	
opposition	-5776 Sep 28 j 14:13	24°♒02'12	-2°58'38
min. Earth dist.	-5776 Sep 28 j 00:45	24°♒05'02	7.85757 AU
direct	-5776 Dec 03 j 17:51	20°♒31'44	
evening set	-5775 Mar 19 j 05:31	29°♒00'02	
	-5775 Mar 26 j 20:56	0°♓	
conjunction	-5775 Apr 06 j 08:27	1°♓23'10	-2°18'30
minimum elong	-5775 Apr 06 j 08:29	1°♓23'10	2°18'41
max. Earth dist.	-5775 Apr 07 j 03:25	1°♓29'27	9.88702 AU
morning rise	-5775 Apr 24 j 11:38	3°♓46'16	
retrograde	-5775 Aug 07 j 19:36	12°♓12'01	
opposition	-5775 Oct 13 j 03:31	8°♓41'48	-2°45'52
min. Earth dist.	-5775 Oct 12 j 12:46	8°♓44'53	7.92939 AU
direct	-5775 Dec 18 j 19:57	5°♓11'05	
evening set	-5774 Apr 03 j 19:11	13°♓35'19	
conjunction	-5774 Apr 21 j 22:30	15°♓56'54	-2°04'17
minimum elong	-5774 Apr 21 j 22:33	15°♓56'55	2°04'24
max. Earth dist.	-5774 Apr 22 j 18:31	16°♓03'27	9.97692 AU
morning rise	-5774 May 10 j 00:34	18°♓18'00	
retrograde	-5774 Aug 22 j 01:04	26°♓31'30	
opposition	-5774 Oct 27 j 10:03	23°♓02'49	-2°22'54
min. Earth dist.	-5774 Oct 26 j 18:37	23°♓06'01	8.03444 AU
direct	-5773 Jan 02 j 17:16	19°♓32'17	
evening set	-5773 Apr 18 j 23:39	27°♓49'26	
	-5773 May 05 j 23:09	0°♈	
conjunction	-5773 May 07 j 02:19	0°♈08'46	-1°42'45
minimum elong	-5773 May 07 j 02:23	0°♈08'47	1°42'47
max. Earth dist.	-5773 May 07 j 22:17	0°♈15'13	10.09685 AU
morning rise	-5773 May 25 j 02:18	2°♈27'10	
retrograde	-5773 Sep 04 j 20:31	10°♈26'52	
opposition	-5773 Nov 10 j 08:19	6°♈59'59	-1°52'03
min. Earth dist.	-5773 Nov 09 j 17:08	7°♈03'06	8.16558 AU
direct	-5772 Jan 17 j 07:30	3°♈30'01	
evening set	-5772 May 02 j 16:59	11°♈38'02	
conjunction	-5772 May 20 j 17:50	13°♈54'32	-1°15'49
minimum elong	-5772 May 20 j 17:53	13°♈54'33	1°15'46
max. Earth dist.	-5772 May 21 j 12:36	14°♈00'30	10.23881 AU
morning rise	-5772 Jun 07 j 14:47	16°♈09'46	
retrograde	-5772 Sep 17 j 04:52	23°♈55'13	
opposition	-5772 Nov 22 j 21:36	20°♈30'18	-1°15'57
min. Earth dist.	-5772 Nov 22 j 07:58	20°♈33'03	8.31461 AU
direct	-5771 Jan 30 j 13:47	17°♈01'15	
evening set	-5771 May 16 j 21:45	24°♈58'58	
conjunction	-5771 Jun 03 j 19:36	27°♈12'14	-0°45'33
minimum elong	-5771 Jun 03 j 19:38	27°♈12'15	0°45'25
max. Earth dist.	-5771 Jun 04 j 11:56	27°♈17'20	10.39420 AU
morning rise	-5771 Jun 21 j 12:42	29°♈24'02	
	-5771 Jun 26 j 11:26	0°♉	
retrograde	-5771 Sep 30 j 01:14	6°♉55'46	
opposition	-5771 Dec 06 j 02:09	3°♉32'54	-0°37'10
min. Earth dist.	-5771 Dec 05 j 15:05	3°♉35'07	8.47312 AU
direct	-5770 Feb 13 j 11:29	0°♉05'03	
evening set	-5770 May 30 j 13:19	7°♉52'00	
conjunction	-5770 Jun 17 j 07:09	10°♉01'51	-0°13'54
minimum elong	-5770 Jun 17 j 07:09	10°♉01'51	0°13'42
behind sun begin	-5770 Jun 17 j 03:22	10°♉00'42	
behind sun end	-5770 Jun 17 j 10:57	10°♉03'00	
max. Earth dist.	-5770 Jun 17 j 19:43	10°♉05'42	10.55455 AU
morning rise	-5770 Jul 04 j 19:51	12°♉10'07	
	-5770 Jul 29 j 14:50	15°♉	
retrograde	-5770 Oct 12 j 11:00	19°♉29'27	
asc. node	-5770 Nov 29 j 15:55	17°♉35'53	
opposition	-5770 Dec 18 j 22:10	16°♉08'32	0°01'59
min. Earth dist.	-5770 Dec 18 j 13:46	16°♉10'11	8.63290 AU
	-5769 Jan 02 j 19:38	15°℞♉	
direct	-5769 Feb 26 j 23:56	12°♉42'02	
	-5769 Apr 22 j 01:19	15°♉	
evening set	-5769 Jun 12 j 16:19	20°♉18'29	
conjunction	-5769 Jun 30 j 05:28	22°♉24'54	0°17'30
minimum elong	-5769 Jun 30 j 05:27	22°♉24'54	0°17'47
max. Earth dist.	-5769 Jun 30 j 13:51	22°♉27'25	10.71197 AU
morning rise	-5769 Jul 17 j 13:25	24°♉29'43	
	-5769 Sep 10 j 17:33	0°♊	
retrograde	-5769 Oct 24 j 12:17	1°♊38'18	
	-5769 Dec 08 j 12:34	30°℞♉	
opposition	-5769 Dec 31 j 10:15	28°♉19'08	0°39'39
min. Earth dist.	-5769 Dec 31 j 04:17	28°♉20'17	8.78635 AU
direct	-5768 Mar 11 j 02:13	24°♉54'04	
	-5768 Jun 03 j 09:24	0°♊	
evening set	-5768 Jun 24 j 07:30	2°♊20'42	
conjunction	-5768 Jul 11 j 15:42	4°♊23'52	0°47'11
minimum elong	-5768 Jul 11 j 15:40	4°♊23'52	0°47'29
max. Earth dist.	-5768 Jul 11 j 20:26	4°♊25'17	10.85933 AU
morning rise	-5768 Jul 28 j 18:38	6°♊25'28	
retrograde	-5768 Nov 04 j 06:38	13°♊25'11	
opposition	-5767 Jan 11 j 15:50	10°♊07'32	1°14'23
min. Earth dist.	-5767 Jan 11 j 12:24	10°♊08'11	8.92676 AU
direct	-5767 Mar 23 j 20:04	6°♊43'55	
evening set	-5767 Jul 06 j 12:01	14°♊01'42	
conjunction	-5767 Jul 23 j 15:09	16°♊01'53	1°14'07
minimum elong	-5767 Jul 23 j 15:06	16°♊01'52	1°14'27
max. Earth dist.	-5767 Jul 23 j 16:56	16°♊02'25	10.99049 AU
morning rise	-5767 Aug 09 j 13:03	18°♊00'36	
retrograde	-5767 Nov 15 j 20:58	24°♊53'26	
opposition	-5766 Jan 23 j 16:00	21°♊37'00	1°45'06
min. Earth dist.	-5766 Jan 23 j 16:03	21°♊36'59	9.04854 AU
direct	-5766 Apr 05 j 04:39	18°♊14'44	
evening set	-5766 Jul 18 j 07:25	25°♊24'52	

Attention, astronomical year style is used: The year -5766 in astronomical counting style is the year 5767 BCE in historical counting style.

conjunction	-5766 Aug 04 j 05:33	27°♊22'29	1°37'30	
minimum elong	-5766 Aug 04 j 05:30	27°♊22'28	1°37'51	
max. Earth dist.	-5766 Aug 04 j 03:16	27°♊21'49	11.10046 AU	
morning rise	-5766 Aug 20 j 22:57	29°♊18'46		
	-5766 Aug 27 j 00:51	0°♋		
retrograde	-5766 Nov 27 j 04:27	6°♋06'39		
opposition	-5765 Feb 04 j 11:45	2°♋51'05	2°11'02	
min. Earth dist.	-5765 Feb 04 j 15:43	2°♋50'21	9.14707 AU	
	-5765 Mar 22 j 19:48	30°℞♊		
direct	-5765 Apr 17 j 06:00	29°♊30'01		
	-5765 May 12 j 13:09	0°♋		
evening set	-5765 Jul 29 j 19:07	6°♋33'54		
conjunction	-5765 Aug 15 j 12:40	8°♋29'23	1°56'46	
minimum elong	-5765 Aug 15 j 12:37	8°♋29'22	1°57'06	
max. Earth dist.	-5765 Aug 15 j 05:44	8°♋27'23	11.18510 AU	
morning rise	-5765 Sep 01 j 02:18	10°♋23'46		
retrograde	-5765 Dec 08 j 10:45	17°♋08'42		
opposition	-5764 Feb 16 j 04:29	13°♋53'39	2°31'39	
min. Earth dist.	-5764 Feb 16 j 11:30	13°♋52'22	9.21832 AU	
direct	-5764 Apr 28 j 03:31	10°♋33'37		
evening set	-5764 Aug 09 j 00:42	17°♋32'42		
conjunction	-5764 Aug 25 j 14:27	19°♋26'37	2°11'27	
minimum elong	-5764 Aug 25 j 14:25	19°♋26'36	2°11'48	
max. Earth dist.	-5764 Aug 25 j 04:22	19°♋23'42	11.24099 AU	
morning rise	-5764 Sep 11 j 00:54	21°♋19'38		
retrograde	-5764 Dec 18 j 16:54	28°♋03'37		
opposition	-5763 Feb 26 j 19:38	24°♋48'44	2°46'33	
min. Earth dist.	-5763 Feb 27 j 04:58	24°♋47'02	9.25948 AU	
direct	-5763 May 09 j 18:56	21°♋29'35		
evening set	-5763 Aug 20 j 02:03	28°♋25'21		
	-5763 Sep 02 j 21:27	0°♌		
conjunction	-5763 Sep 05 j 12:55	0°♌18'17	2°21'16	
minimum elong	-5763 Sep 05 j 12:53	0°♌18'17	2°21'36	
max. Earth dist.	-5763 Sep 05 j 00:30	0°♌14'43	11.26631 AU	
morning rise	-5763 Sep 21 j 21:03	2°♌10'33		
retrograde	-5763 Dec 30 j 00:50	8°♌55'31		
opposition	-5762 Mar 10 j 10:39	5°♌40'26	2°55'26	
min. Earth dist.	-5762 Mar 10 j 22:33	5°♌38'17	9.26968 AU	
direct	-5762 May 21 j 07:21	2°♌21'55		
evening set	-5762 Aug 31 j 00:51	9°♌15'52		
conjunction	-5762 Sep 16 j 09:37	11°♌08'25	2°26'00	
minimum elong	-5762 Sep 16 j 09:37	11°♌08'25	2°26'18	
max. Earth dist.	-5762 Sep 15 j 18:11	11°♌03'58	11.26093 AU	
morning rise	-5762 Oct 02 j 16:40	13°♌00'34		
	-5762 Oct 20 j 22:31	15°♌		
retrograde	-5761 Jan 10 j 09:41	19°♌48'14		
opposition	-5761 Mar 22 j 02:44	16°♌32'37	2°58'07	
min. Earth dist.	-5761 Mar 22 j 17:27	16°♌29'57	9.24918 AU	
	-5761 Apr 13 j 05:33	15°℞♌		
direct	-5761 Jun 01 j 17:23	13°♌14'29		
	-5761 Jul 19 j 13:28	15°♌		
evening set	-5761 Sep 10 j 22:56	20°♌08'04		
conjunction	-5761 Sep 27 j 06:35	22°♌00'49	2°25'30	
minimum elong	-5761 Sep 27 j 06:36	22°♌00'49	2°25'44	
max. Earth dist.	-5761 Sep 26 j 12:45	21°♌55'39	11.22551 AU	
morning rise	-5761 Oct 13 j 13:37	23°♌53'27		
	-5761 Dec 22 j 02:47	0°♍		
retrograde	-5760 Jan 21 j 22:22	0°♍45'35		
	-5760 Feb 22 j 09:20	30°℞♌		
opposition	-5760 Apr 01 j 21:02	27°♌29'03	2°54'26	
min. Earth dist.	-5760 Apr 02 j 13:07	27°♌26'08	9.19895 AU	
direct	-5760 Jun 12 j 04:54	24°♌11'01		

	-5760 Sep 11 j 03:57	0°♍		
evening set	-5760 Sep 20 j 21:52	1°♍05'41		
max. Earth dist.	-5760 Oct 06 j 11:25	2°♍53'56	11.16139 AU	
conjunction	-5760 Oct 07 j 05:40	2°♍59'16	2°19'40	
minimum elong	-5760 Oct 07 j 05:42	2°♍59'17	2°19'51	
morning rise	-5760 Oct 23 j 13:37	4°♍52'59		
retrograde	-5759 Feb 01 j 18:16	11°♍51'15		
opposition	-5759 Apr 13 j 18:58	8°♍33'30	2°44'19	
min. Earth dist.	-5759 Apr 14 j 11:07	8°♍30'32	9.12079 AU	
direct	-5759 Jun 23 j 17:23	5°♍15'22		
evening set	-5759 Oct 01 j 23:33	12°♍12'31		
conjunction	-5759 Oct 18 j 08:31	14°♍07'31	2°08'32	
minimum elong	-5759 Oct 18 j 08:34	14°♍07'32	2°08'39	
max. Earth dist.	-5759 Oct 17 j 14:12	14°♍02'07	11.07068 AU	
morning rise	-5759 Nov 03 j 18:28	16°♍02'56		
retrograde	-5758 Feb 13 j 20:01	23°♍08'56		
opposition	-5758 Apr 25 j 21:39	19°♍49'41	2°27'45	
min. Earth dist.	-5758 Apr 26 j 13:45	19°♍46'43	9.01727 AU	
direct	-5758 Jul 05 j 07:08	16°♍31'13		
evening set	-5758 Oct 13 j 06:11	23°♍32'26		
conjunction	-5758 Oct 29 j 17:08	25°♍29'24	1°52'10	
minimum elong	-5758 Oct 29 j 17:11	25°♍29'25	1°52'14	
max. Earth dist.	-5758 Oct 28 j 22:05	25°♍23'43	10.95643 AU	
morning rise	-5758 Nov 15 j 06:12	27°♍27'05		
	-5758 Dec 08 j 02:09	0°♎		
retrograde	-5757 Feb 26 j 06:33	4°♎42'19		
opposition	-5757 May 08 j 06:02	1°♎21'26	2°04'55	
min. Earth dist.	-5757 May 08 j 22:15	1°♎18'24	8.89199 AU	
	-5757 May 26 j 23:35	30°℞♍		
direct	-5757 Jul 17 j 01:52	28°♍02'22		
	-5757 Sep 04 j 00:55	0°♎		
evening set	-5757 Oct 24 j 19:29	5°♎09'11		
conjunction	-5757 Nov 10 j 09:21	7°♎08'40	1°30'51	
minimum elong	-5757 Nov 10 j 09:24	7°♎08'41	1°30'50	
max. Earth dist.	-5757 Nov 09 j 14:52	7°♎03'05	10.82264 AU	
morning rise	-5757 Nov 27 j 02:23	9°♎09'10		
retrograde	-5756 Mar 10 j 00:46	16°♎35'04		
opposition	-5756 May 19 j 21:30	13°♎12'22	1°36'07	
min. Earth dist.	-5756 May 20 j 12:43	13°♎09'30	8.74953 AU	
direct	-5756 Jul 28 j 01:49	9°♎52'33		
evening set	-5756 Nov 04 j 17:20	17°♎06'28		
conjunction	-5756 Nov 21 j 11:01	19°♎08'55	1°05'02	
minimum elong	-5756 Nov 21 j 11:04	19°♎08'56	1°04'57	
max. Earth dist.	-5756 Nov 20 j 18:59	19°♎03'59	10.67421 AU	
morning rise	-5756 Dec 08 j 08:33	21°♎12'39		
retrograde	-5755 Mar 23 j 06:17	28°♎50'28		
opposition	-5755 Jun 01 j 20:45	25°♎25'52	1°02'03	
min. Earth dist.	-5755 Jun 02 j 09:31	25°♎23'25	8.59544 AU	
direct	-5755 Aug 09 j 10:15	22°♎05'08		
evening set	-5755 Nov 17 j 02:04	29°♎27'36		
	-5755 Nov 21 j 11:40	0°♏		
max. Earth dist.	-5755 Dec 03 j 10:50	1°♏29'16	10.51708 AU	
conjunction	-5755 Dec 04 j 00:06	1°♏33'24	0°35'28	
minimum elong	-5755 Dec 04 j 00:08	1°♏33'25	0°35'18	
morning rise	-5755 Dec 21 j 02:34	3°♏40'42		
retrograde	-5754 Apr 06 j 00:15	11°♏31'12		
opposition	-5754 Jun 15 j 04:15	8°♏04'46	0°23'43	
min. Earth dist.	-5754 Jun 15 j 13:52	8°♏02'53	8.43632 AU	
direct	-5754 Aug 22 j 01:23	4°♏42'57		
evening set	-5754 Nov 29 j 23:20	12°♏15'17		

Attention, astronomical year style is used: The year -5754 in astronomical counting style is the year 5755 BCE in historical counting style.

conjunction	-5754 Dec 17 j 01:55	14°♏24'38	0°03'15
minimum elong	-5754 Dec 17 j 01:54	14°♏24'38	0°03'02
behind sun begin	-5754 Dec 16 j 18:47	14°♏22'24	
behind sun end	-5754 Dec 17 j 09:00	14°♏26'51	
max. Earth dist.	-5754 Dec 16 j 15:22	14°♏21'18	10.35840 AU
	-5754 Dec 21 j 17:22	15°♏	
morning rise	-5753 Jan 03 j 09:30	16°♏35'40	
desc. node	-5753 Jan 22 j 13:42	18°♏53'50	
retrograde	-5753 Apr 20 j 05:11	24°♏39'10	
opposition	-5753 Jun 28 j 20:42	21°♏10'59	-0°17'19
min. Earth dist.	-5753 Jun 29 j 03:08	21°♏09'43	8.27986 AU
direct	-5753 Sep 04 j 00:37	17°♏47'58	
evening set	-5753 Dec 13 j 10:16	25°♏31'09	
conjunction	-5753 Dec 30 j 17:23	27°♏44'04	-0°30'16
minimum elong	-5753 Dec 30 j 17:21	27°♏44'03	0°30'33
max. Earth dist.	-5753 Dec 30 j 10:17	27°♏41'47	10.20624 AU
morning rise	-5752 Jan 17 j 06:01	29°♏58'47	
	-5752 Jan 17 j 09:53	0°♐	
retrograde	-5752 May 03 j 18:49	8°♐14'52	
opposition	-5752 Jul 11 j 21:49	4°♐45'10	-0°58'57
min. Earth dist.	-5752 Jul 12 j 00:57	4°♐44'33	8.13460 AU
direct	-5752 Sep 16 j 12:24	1°♐20'51	
evening set	-5752 Dec 26 j 11:49	9°♐15'24	
conjunction	-5751 Jan 12 j 23:25	11°♐31'41	-1°03'01
minimum elong	-5751 Jan 12 j 23:22	11°♐31'41	1°03'21
max. Earth dist.	-5751 Jan 12 j 20:47	11°♐30'50	10.06934 AU
morning rise	-5751 Jan 30 j 16:37	13°♐49'48	
retrograde	-5751 May 18 j 17:15	22°♐17'04	
opposition	-5751 Jul 26 j 06:35	18°♐46'09	-1°38'33
min. Earth dist.	-5751 Jul 26 j 06:15	18°♐46'13	8.00930 AU
direct	-5751 Sep 30 j 10:18	15°♐20'30	
evening set	-5750 Jan 10 j 03:34	23°♐26'09	
conjunction	-5750 Jan 27 j 19:21	25°♐45'26	-1°32'52
minimum elong	-5750 Jan 27 j 19:17	25°♐45'24	1°33'13
max. Earth dist.	-5750 Jan 27 j 22:07	25°♐46'21	9.95635 AU
morning rise	-5750 Feb 14 j 16:20	28°♐06'24	
	-5750 Mar 01 j 15:22	0°♑	
retrograde	-5750 Jun 02 j 22:21	6°♑42'21	
opposition	-5750 Aug 09 j 21:46	3°♑10'37	-2°13'09
min. Earth dist.	-5750 Aug 09 j 17:23	3°♑11'32	7.91219 AU
	-5750 Sep 27 j 21:47	30°℞♐	
direct	-5750 Oct 14 j 17:32	29°♐43'44	
	-5750 Oct 31 j 10:19	0°♑	
evening set	-5749 Jan 25 j 07:47	7°♑59'14	
conjunction	-5749 Feb 12 j 03:13	10°♑20'52	-1°57'29
minimum elong	-5749 Feb 12 j 03:09	10°♑20'50	1°57'50
max. Earth dist.	-5749 Feb 12 j 11:39	10°♑23'41	9.87515 AU
morning rise	-5749 Mar 02 j 03:02	12°♑43'55	
retrograde	-5749 Jun 18 j 07:03	21°♑25'04	
opposition	-5749 Aug 24 j 17:11	17°♑52'58	-2°39'47
min. Earth dist.	-5749 Aug 24 j 08:42	17°♑54'45	7.85020 AU
direct	-5749 Oct 29 j 09:00	14°♑24'57	
evening set	-5748 Feb 09 j 21:46	22°♑48'08	
conjunction	-5748 Feb 27 j 20:16	25°♑11'17	-2°14'44
minimum elong	-5748 Feb 27 j 20:13	25°♑11'16	2°15'05
max. Earth dist.	-5748 Feb 28 j 09:57	25°♑15'52	9.83198 AU
morning rise	-5748 Mar 16 j 22:04	27°♑35'31	
	-5748 Apr 04 j 21:04	0°♒	
retrograde	-5748 Jul 02 j 15:54	6°♒17'30	
opposition	-5748 Sep 07 j 14:12	2°♒45'32	-2°56'01
min. Earth dist.	-5748 Sep 07 j 02:12	2°♒48'03	7.82800 AU
	-5748 Oct 15 j 15:35	30°℞♑	
direct	-5748 Nov 12 j 07:07	29°♑16'34	
	-5748 Dec 09 j 18:50	0°♒	
evening set	-5747 Feb 24 j 17:25	7°♒44'20	
conjunction	-5747 Mar 14 j 18:19	10°♒08'06	-2°23'07
minimum elong	-5747 Mar 14 j 18:19	10°♒08'06	2°23'24
max. Earth dist.	-5747 Mar 15 j 12:14	10°♒14'05	9.83015 AU
morning rise	-5747 Apr 01 j 21:14	12°♒32'30	
	-5747 Apr 21 j 06:52	15°♒	
retrograde	-5747 Jul 17 j 20:32	21°♒10'43	
opposition	-5747 Sep 22 j 10:07	17°♒39'21	-3°00'24
min. Earth dist.	-5747 Sep 21 j 19:35	17°♒42'25	7.84709 AU
	-5747 Oct 28 j 10:41	15°℞♒	
direct	-5747 Nov 27 j 08:50	14°♒09'42	
	-5747 Dec 27 j 04:02	15°♒	
evening set	-5746 Mar 12 j 13:56	22°♒38'23	
conjunction	-5746 Mar 30 j 16:25	25°♒01'49	-2°21'56
minimum elong	-5746 Mar 30 j 16:26	25°♒01'49	2°22'10
max. Earth dist.	-5746 Mar 31 j 13:02	25°♒08'40	9.86953 AU
morning rise	-5746 Apr 17 j 19:31	27°♒25'23	
	-5746 May 08 j 08:01	0°♓	
retrograde	-5746 Aug 01 j 17:34	5°♓55'34	
min. Earth dist.	-5746 Oct 06 j 10:31	2°♓28'32	7.90556 AU
opposition	-5746 Oct 07 j 02:08	2°♓25'16	-2°52'44
	-5746 Nov 08 j 02:16	30°℞♒	
direct	-5746 Dec 12 j 11:00	28°♒55'13	
	-5745 Jan 15 j 16:33	0°♓	
evening set	-5745 Mar 28 j 06:39	7°♓21'08	
conjunction	-5745 Apr 15 j 09:51	9°♓43'21	-2°11'32
minimum elong	-5745 Apr 15 j 09:54	9°♓43'22	2°11'41
max. Earth dist.	-5745 Apr 16 j 07:08	9°♓50'21	9.94646 AU
morning rise	-5745 May 03 j 12:19	12°♓05'14	
retrograde	-5745 Aug 16 j 04:50	20°♓24'06	
opposition	-5745 Oct 21 j 11:54	16°♓55'12	-2°34'05
min. Earth dist.	-5745 Oct 20 j 20:37	16°♓58'23	7.99815 AU
direct	-5745 Dec 27 j 10:13	13°♓25'06	
evening set	-5744 Apr 11 j 15:39	21°♓45'10	
conjunction	-5744 Apr 29 j 18:37	24°♓05'26	-1°53'03
minimum elong	-5744 Apr 29 j 18:41	24°♓05'27	1°53'07
max. Earth dist.	-5744 Apr 30 j 14:39	24°♓11'56	10.05407 AU
morning rise	-5744 May 17 j 19:35	26°♓24'56	
	-5744 Jun 16 j 19:18	0°♈	
retrograde	-5744 Aug 29 j 05:22	4°♈30'33	
opposition	-5744 Nov 03 j 13:57	1°♈03'23	-2°06'28
min. Earth dist.	-5744 Nov 02 j 23:49	1°♈06'17	8.11730 AU
	-5744 Nov 16 j 14:51	30°℞♓	
direct	-5743 Jan 10 j 04:22	27°♓33'38	
	-5743 Mar 04 j 20:05	0°♈	
evening set	-5743 Apr 26 j 14:27	5°♈45'38	
conjunction	-5743 May 14 j 16:03	8°♈03'20	-1°28'17
minimum elong	-5743 May 14 j 16:06	8°♈03'21	1°28'15
max. Earth dist.	-5743 May 15 j 09:48	8°♈09'00	10.18453 AU
morning rise	-5743 Jun 01 j 14:31	10°♈19'56	
retrograde	-5743 Sep 11 j 17:43	18°♈11'35	
opposition	-5743 Nov 17 j 07:28	14°♈46'18	-1°32'24
min. Earth dist.	-5743 Nov 16 j 18:36	14°♈48'55	8.25574 AU
direct	-5742 Jan 24 j 16:02	11°♈17'16	
evening set	-5742 May 11 j 01:09	19°♈19'39	
conjunction	-5742 May 29 j 00:20	21°♈34'21	-0°59'14
minimum elong	-5742 May 29 j 00:23	21°♈34'22	0°59'08
max. Earth dist.	-5742 May 29 j 15:29	21°♈39'07	10.33065 AU
morning rise	-5742 Jun 15 j 19:25	23°♈47'42	

Attention, astronomical year style is used: The year -5742 in astronomical counting style is the year 5743 BCE in historical counting style.

	-5742 Aug 15 j 19:49	0°♉	
retrograde	-5742 Sep 24 j 18:34	1°♉25'35	
	-5742 Nov 04 j 11:38	30°℞♈	
opposition	-5742 Nov 30 j 16:10	28°♈02'11	-0°54'30
min. Earth dist.	-5742 Nov 30 j 04:33	28°♈04'31	8.40633 AU
direct	-5741 Feb 07 j 18:43	24°♈34'06	
	-5741 May 04 j 02:02	0°♉	
evening set	-5741 May 24 j 22:54	2°♉26'04	
conjunction	-5741 Jun 11 j 18:44	4°♉37'29	-0°27'57
minimum elong	-5741 Jun 11 j 18:45	4°♉37'29	0°27'46
max. Earth dist.	-5741 Jun 12 j 07:27	4°♉41'24	10.48485 AU
morning rise	-5741 Jun 29 j 09:37	6°♉47'22	
retrograde	-5741 Oct 07 j 10:22	14°♉12'25	
opposition	-5741 Dec 13 j 16:13	10°♉50'49	-0°15'14
min. Earth dist.	-5741 Dec 13 j 06:47	10°♉52'41	8.56132 AU
direct	-5740 Feb 21 j 10:55	7°♉23'52	
asc. node	-5740 May 09 j 08:48	11°♉56'20	
	-5740 Jun 05 j 14:14	15°♉	
evening set	-5740 Jun 06 j 08:01	15°♉05'18	
conjunction	-5740 Jun 23 j 23:34	17°♉13'20	0°03'50
minimum elong	-5740 Jun 23 j 23:34	17°♉13'21	0°04'05
behind sun begin	-5740 Jun 23 j 16:29	17°♉11'13	
behind sun end	-5740 Jun 24 j 06:39	17°♉15'29	
max. Earth dist.	-5740 Jun 24 j 09:20	17°♉16'18	10.63928 AU
morning rise	-5740 Jul 11 j 09:39	19°♉19'46	
retrograde	-5740 Oct 18 j 16:52	26°♉33'21	
opposition	-5740 Dec 25 j 08:11	23°♉13'27	0°23'20
min. Earth dist.	-5740 Dec 25 j 01:53	23°♉14'41	8.71324 AU
direct	-5739 Mar 05 j 16:37	19°♉47'42	
evening set	-5739 Jun 19 j 04:53	27°♉19'05	
conjunction	-5739 Jul 06 j 15:30	29°♉23'49	0°34'23
minimum elong	-5739 Jul 06 j 15:28	29°♉23'49	0°34'41
max. Earth dist.	-5739 Jul 06 j 21:21	29°♉25'34	10.78681 AU
	-5739 Jul 11 j 16:05	0°♊	
morning rise	-5739 Jul 23 j 20:37	1°♊26'57	
retrograde	-5739 Oct 30 j 13:26	8°♊30'52	
opposition	-5738 Jan 06 j 17:07	5°♊12'26	0°59'34
min. Earth dist.	-5738 Jan 06 j 14:15	5°♊12'59	8.85537 AU
direct	-5738 Mar 18 j 15:28	1°♊47'55	
evening set	-5738 Jul 01 j 14:17	9°♊10'04	
conjunction	-5738 Jul 18 j 19:42	11°♊11'42	1°02'41
minimum elong	-5738 Jul 18 j 19:39	11°♊11'41	1°03'00
max. Earth dist.	-5738 Jul 18 j 21:01	11°♊12'06	10.92127 AU
morning rise	-5738 Aug 04 j 20:00	13°♊11'50	
retrograde	-5738 Nov 11 j 04:46	20°♊08'03	
opposition	-5737 Jan 18 j 19:46	16°♊50'46	1°32'13
min. Earth dist.	-5737 Jan 18 j 19:36	16°♊50'48	8.98186 AU
direct	-5737 Mar 31 j 05:14	13°♊27'30	
evening set	-5737 Jul 13 j 13:50	20°♊41'31	
conjunction	-5737 Jul 30 j 14:13	22°♊40'25	1°27'45
minimum elong	-5737 Jul 30 j 14:10	22°♊40'24	1°28'05
max. Earth dist.	-5737 Jul 30 j 12:04	22°♊39'47	11.03743 AU
morning rise	-5737 Aug 16 j 09:51	24°♊37'56	
	-5737 Oct 11 j 09:36	0°♋	
retrograde	-5737 Nov 22 j 14:44	1°♋28'22	
	-5736 Jan 05 j 03:08	30°℞♊	
opposition	-5736 Jan 30 j 17:21	28°♊11'59	2°00'23
min. Earth dist.	-5736 Jan 30 j 19:37	28°♊11'34	9.08787 AU
direct	-5736 Apr 11 j 10:22	24°♊49'53	
	-5736 Jul 06 j 11:31	0°♋	
evening set	-5736 Jul 24 j 04:57	1°♋57'04	

conjunction	-5736 Aug 10 j 00:43	3°♋53'39	1°48'55
minimum elong	-5736 Aug 10 j 00:40	3°♋53'38	1°49'15
max. Earth dist.	-5736 Aug 09 j 19:59	3°♋52'16	11.13116 AU
morning rise	-5736 Aug 26 j 16:00	5°♋49'01	
retrograde	-5736 Dec 02 j 23:28	12°♋35'40	
opposition	-5735 Feb 10 j 11:37	9°♋19'54	2°23'26
min. Earth dist.	-5735 Feb 10 j 16:45	9°♋18'57	9.16985 AU
direct	-5735 Apr 23 j 09:40	5°♋58'53	
evening set	-5735 Aug 04 j 13:14	13°♋00'34	
conjunction	-5735 Aug 21 j 04:46	14°♋55'20	2°05'41
minimum elong	-5735 Aug 21 j 04:44	14°♋55'20	2°06'01
max. Earth dist.	-5735 Aug 20 j 20:53	14°♋53'03	11.19947 AU
morning rise	-5735 Sep 06 j 16:32	16°♋49'05	
retrograde	-5735 Dec 14 j 04:55	23°♋33'51	
opposition	-5734 Feb 22 j 03:40	20°♋18'24	2°40'55
min. Earth dist.	-5734 Feb 22 j 12:08	20°♋16'51	9.22526 AU
direct	-5734 May 05 j 02:06	16°♋58'21	
evening set	-5734 Aug 15 j 16:30	23°♋55'59	
conjunction	-5734 Sep 01 j 04:32	25°♋49'27	2°17'41
minimum elong	-5734 Sep 01 j 04:30	25°♋49'27	2°18'01
max. Earth dist.	-5734 Aug 31 j 17:01	25°♋46'08	11.24042 AU
morning rise	-5734 Sep 17 j 13:48	27°♋42'11	
	-5734 Oct 08 j 19:18	0°♌	
retrograde	-5734 Dec 25 j 10:34	4°♌26'56	
opposition	-5733 Mar 05 j 18:31	1°♌11'29	2°52'28
min. Earth dist.	-5733 Mar 06 j 05:18	1°♌09'31	9.25235 AU
	-5733 Mar 22 j 11:32	30°℞♋	
direct	-5733 May 16 j 16:53	27°♋52'12	
	-5733 Jul 08 j 19:39	0°♌	
evening set	-5733 Aug 26 j 16:19	4°♌47'16	
conjunction	-5733 Sep 12 j 01:55	6°♌40'03	2°24'40
minimum elong	-5733 Sep 12 j 01:54	6°♌40'03	2°24'58
max. Earth dist.	-5733 Sep 11 j 12:26	6°♌36'09	11.25267 AU
morning rise	-5733 Sep 28 j 09:29	8°♌32'18	
	-5733 Dec 17 j 03:04	15°♌	
retrograde	-5732 Jan 05 j 19:16	15°♌18'51	
	-5732 Jan 25 j 16:48	15°℞♌	
opposition	-5732 Mar 16 j 09:53	12°♌03'06	2°57'52
min. Earth dist.	-5732 Mar 16 j 21:53	12°♌00'55	9.25012 AU
direct	-5732 May 27 j 04:38	8°♌44'28	
	-5732 Aug 30 j 21:46	15°♌	
evening set	-5732 Sep 05 j 14:22	15°♌38'19	
conjunction	-5732 Sep 21 j 22:34	17°♌31'00	2°26'27
minimum elong	-5732 Sep 21 j 22:34	17°♌31'00	2°26'42
max. Earth dist.	-5732 Sep 21 j 08:02	17°♌26'48	11.23572 AU
morning rise	-5732 Oct 08 j 05:22	19°♌23'24	
retrograde	-5731 Jan 16 j 07:06	26°♌13'31	
opposition	-5731 Mar 28 j 03:09	22°♌57'11	2°56'56
min. Earth dist.	-5731 Mar 28 j 16:37	22°♌54'44	9.21861 AU
direct	-5731 Jun 07 j 14:33	19°♌38'59	
evening set	-5731 Sep 16 j 12:48	26°♌33'06	
conjunction	-5731 Oct 02 j 20:27	28°♌26'16	2°22'55
minimum elong	-5731 Oct 02 j 20:28	28°♌26'17	2°23'08
max. Earth dist.	-5731 Oct 02 j 03:55	28°♌21'28	11.19014 AU
	-5731 Oct 16 j 07:49	0°♍	
morning rise	-5731 Oct 19 j 03:49	0°♍19'27	
retrograde	-5730 Jan 27 j 23:48	7°♍14'46	
opposition	-5730 Apr 08 j 23:20	3°♍57'34	2°49'34
min. Earth dist.	-5730 Apr 09 j 14:29	3°♍54'48	9.15888 AU
direct	-5730 Jun 19 j 01:14	0°♍39'33	
evening set	-5730 Sep 27 j 13:08	7°♍35'24	

Attention, astronomical year style is used: The year -5730 in astronomical counting style is the year 5731 BCE in historical counting style.

conjunction	-5730 Oct 13 j 21:20	9°♑29'40	2°14'03	
minimum elong	-5730 Oct 13 j 21:22	9°♑29'41	2°14'13	
max. Earth dist.	-5730 Oct 13 j 03:28	9°♑24'25	11.11734 AU	
morning rise	-5730 Oct 30 j 06:24	11°♑24'14		
retrograde	-5729 Feb 08 j 21:05	18°♑26'24		
opposition	-5729 Apr 20 j 23:43	15°♑08'03	2°35'45	
min. Earth dist.	-5729 Apr 21 j 15:32	15°♑05'08	9.07268 AU	
direct	-5729 Jun 30 j 14:38	11°♑49'58		
evening set	-5729 Oct 08 j 17:16	18°♑49'03		
max. Earth dist.	-5729 Oct 24 j 09:55	20°♑39'52	11.01946 AU	
conjunction	-5729 Oct 25 j 03:10	20°♑44'59	1°59'55	
minimum elong	-5729 Oct 25 j 03:13	20°♑45'00	2°00'00	
morning rise	-5729 Nov 10 j 14:43	22°♑41'30		
retrograde	-5728 Feb 21 j 04:18	29°♑52'06		
opposition	-5728 May 02 j 05:25	26°♑32'20	2°15'33	
min. Earth dist.	-5728 May 02 j 20:19	26°♑29'34	8.96276 AU	
direct	-5728 Jul 11 j 08:21	23°♑14'00		
	-5728 Oct 16 j 14:39	0°♎		
evening set	-5728 Oct 19 j 03:18	0°♎17'44		
conjunction	-5728 Nov 04 j 15:49	2°♎15'54	1°40'42	
minimum elong	-5728 Nov 04 j 15:52	2°♎15'55	1°40'43	
max. Earth dist.	-5728 Nov 03 j 23:21	2°♎10'57	10.89973 AU	
morning rise	-5728 Nov 21 j 06:46	4°♎14'55		
retrograde	-5727 Mar 04 j 20:03	11°♎35'21		
opposition	-5727 May 14 j 17:32	8°♎13'59	1°49'17	
min. Earth dist.	-5727 May 15 j 07:20	8°♎11'24	8.83294 AU	
direct	-5727 Jul 23 j 04:30	4°♎55'08		
evening set	-5727 Oct 30 j 21:06	12°♎05'02		
conjunction	-5727 Nov 16 j 12:54	14°♎05'54	1°16'46	
minimum elong	-5727 Nov 16 j 12:57	14°♎05'54	1°16'43	
max. Earth dist.	-5727 Nov 15 j 20:49	14°♎01'00	10.76228 AU	
morning rise	-5727 Dec 03 j 08:13	16°♎07'54		
retrograde	-5726 Mar 17 j 20:32	23°♎39'25		
opposition	-5726 May 27 j 12:58	20°♎16'19	1°17'26	
min. Earth dist.	-5726 May 28 j 01:48	20°♎13'52	8.68775 AU	
direct	-5726 Aug 04 j 08:29	16°♎56'39		
evening set	-5726 Nov 12 j 00:36	24°♎14'14		
conjunction	-5726 Nov 28 j 20:20	26°♎18'12	0°48'46	
minimum elong	-5726 Nov 28 j 20:22	26°♎18'13	0°48'38	
max. Earth dist.	-5726 Nov 28 j 05:15	26°♎13'32	10.61191 AU	
morning rise	-5726 Dec 15 j 20:29	28°♎23'35		
	-5726 Dec 29 j 10:13	0°♏		
retrograde	-5725 Mar 31 j 07:41	6°♏07'13		
opposition	-5725 Jun 09 j 16:17	2°♏42'17	0°40'54	
min. Earth dist.	-5725 Jun 10 j 03:54	2°♏40'03	8.53253 AU	
	-5725 Jul 20 j 13:17	30°℞♎		
direct	-5725 Aug 16 j 20:01	29°♎21'36		
	-5725 Sep 12 j 16:01	0°♏		
evening set	-5725 Nov 24 j 15:30	6°♏48'19		
conjunction	-5725 Dec 11 j 15:44	8°♏55'43	0°17'36	
minimum elong	-5725 Dec 11 j 15:45	8°♏55'43	0°17'24	
max. Earth dist.	-5725 Dec 11 j 03:20	8°♏51'49	10.45436 AU	
morning rise	-5725 Dec 28 j 20:55	11°♏04'43		
	-5724 Feb 01 j 05:39	15°♏		
retrograde	-5724 Apr 13 j 05:48	19°♏01'12		
opposition	-5724 Jun 22 j 04:14	15°♏34'28	0°00'56	
min. Earth dist.	-5724 Jun 22 j 13:11	15°♏32'42	8.37395 AU	
	-5724 Jun 29 j 13:05	15°℞♏		
desc. node	-5724 Jun 30 j 17:40	14°♏54'29		
direct	-5724 Aug 28 j 16:14	12°♏12'37		
	-5724 Oct 24 j 12:10	15°♏		
evening set	-5724 Dec 06 j 19:27	19°♏49'43		
conjunction	-5724 Dec 24 j 00:27	22°♏00'42	-0°15'31	
minimum elong	-5724 Dec 24 j 00:26	22°♏00'42	0°15'46	
behind sun begin	-5724 Dec 23 j 23:02	22°♏00'15		
behind sun end	-5724 Dec 24 j 01:50	22°♏01'08		
max. Earth dist.	-5724 Dec 23 j 15:47	21°♏57'57	10.29715 AU	
morning rise	-5723 Jan 10 j 10:38	24°♏13'25		
	-5723 Mar 04 j 18:17	0°♐		
retrograde	-5723 Apr 27 j 14:21	2°♐22'48		
	-5723 Jun 22 j 01:01	30°℞♏		
opposition	-5723 Jul 06 j 00:47	28°♏54'21	-0°40'36	
min. Earth dist.	-5723 Jul 06 j 06:07	28°♏53'18	8.22057 AU	
direct	-5723 Sep 10 j 22:53	25°♏31'11		
	-5723 Nov 22 j 19:37	0°♐		
evening set	-5723 Dec 20 j 13:50	3°♐19'30		
conjunction	-5722 Jan 06 j 23:25	5°♐34'00	-0°48'44	
minimum elong	-5722 Jan 06 j 23:22	5°♐33'59	0°49'02	
max. Earth dist.	-5722 Jan 06 j 18:56	5°♐32'33	10.14949 AU	
morning rise	-5722 Jan 24 j 14:16	7°♐50'17		
retrograde	-5722 May 12 j 09:12	16°♐11'37		
opposition	-5722 Jul 20 j 05:21	12°♐41'40	-1°21'21	
min. Earth dist.	-5722 Jul 20 j 06:40	12°♐41'25	8.08187 AU	
direct	-5722 Sep 24 j 14:16	9°♐17'04		
evening set	-5721 Jan 03 j 22:31	17°♐16'42		
conjunction	-5721 Jan 21 j 12:19	19°♐34'25	-1°20'05	
minimum elong	-5721 Jan 21 j 12:16	19°♐34'24	1°20'25	
max. Earth dist.	-5721 Jan 21 j 12:11	19°♐34'22	10.02087 AU	
morning rise	-5721 Feb 08 j 07:20	21°♐53'51		
	-5721 May 05 j 19:37	0°♑		
retrograde	-5721 May 27 j 11:50	0°♑25'13		
	-5721 Jun 18 j 04:16	30°℞♐		
opposition	-5721 Aug 03 j 17:08	26°♐54'05	-1°58'28	
min. Earth dist.	-5721 Aug 03 j 14:35	26°♐54'37	7.96692 AU	
direct	-5721 Oct 08 j 15:36	23°♐28'00		
	-5720 Jan 05 j 23:52	0°♑		
evening set	-5720 Jan 18 j 20:23	1°♑38'14		
conjunction	-5720 Feb 05 j 13:59	3°♑58'37	-1°47'16	
minimum elong	-5720 Feb 05 j 13:56	3°♑58'36	1°47'37	
max. Earth dist.	-5720 Feb 05 j 18:30	4°♑00'07	9.92000 AU	
morning rise	-5720 Feb 23 j 12:27	6°♑20'35		
retrograde	-5720 Jun 10 j 19:08	14°♑58'58		
opposition	-5720 Aug 17 j 10:09	11°♑27'03	-2°28'59	
min. Earth dist.	-5720 Aug 17 j 04:17	11°♑28'16	7.88354 AU	
direct	-5720 Oct 22 j 02:47	7°♑59'31		
evening set	-5719 Feb 02 j 05:29	16°♑18'43		
conjunction	-5719 Feb 20 j 02:25	18°♑41'03	-2°08'03	
minimum elong	-5719 Feb 20 j 02:22	18°♑41'02	2°08'23	
max. Earth dist.	-5719 Feb 20 j 11:34	18°♑44'06	9.85394 AU	
morning rise	-5719 Mar 10 j 03:24	21°♑04'41		
retrograde	-5719 Jun 26 j 03:26	29°♑46'06		
opposition	-5719 Sep 01 j 05:56	26°♑13'54	-2°50'11	
min. Earth dist.	-5719 Aug 31 j 21:05	26°♑15'45	7.83751 AU	
direct	-5719 Nov 05 j 22:34	22°♑45'07		
	-5718 Feb 08 j 19:47	0°♒		
evening set	-5718 Feb 17 j 22:09	1°♒10'37		
conjunction	-5718 Mar 07 j 21:48	3°♒34'04	-2°20'35	
minimum elong	-5718 Mar 07 j 21:47	3°♒34'04	2°20'54	
max. Earth dist.	-5718 Mar 08 j 11:11	3°♒38'33	9.82744 AU	
morning rise	-5718 Mar 26 j 00:24	5°♒58'25		
retrograde	-5718 Jul 11 j 08:21	14°♒38'26		
opposition	-5718 Sep 16 j 02:04	11°♒06'28	-3°00'05	
min. Earth dist.	-5718 Sep 15 j 14:35	11°♒08'53	7.83199 AU	
direct	-5718 Nov 20 j 23:01	7°♒36'42		

Attention, astronomical year style is used: The year -5717 in astronomical counting style is the year 5718 BCE in historical counting style.

	-5717 Feb 25 j 08:09	15°♒	
evening set	-5717 Mar 05 j 17:47	16°♒05'05	
conjunction	-5717 Mar 23 j 19:30	18°♒28'44	-2°23'48
minimum elong	-5717 Mar 23 j 19:31	18°♒28'45	2°24'03
max. Earth dist.	-5717 Mar 24 j 12:25	18°♒34'22	9.84235 AU
morning rise	-5717 Apr 10 j 22:47	20°♒52'49	
retrograde	-5717 Jul 26 j 07:35	29°♒27'03	
opposition	-5717 Sep 30 j 19:38	25°♒55'48	-2°57'55
min. Earth dist.	-5717 Sep 30 j 05:57	25°♒58'41	7.86716 AU
direct	-5717 Dec 06 j 00:53	22°♒25'24	
	-5716 Mar 13 j 15:03	0°♓	
evening set	-5716 Mar 20 j 12:11	0°♓53'01	
conjunction	-5716 Apr 07 j 15:14	3°♓15'58	-2°17'32
minimum elong	-5716 Apr 07 j 15:16	3°♓15'59	2°17'43
max. Earth dist.	-5716 Apr 08 j 10:34	3°♓22'22	9.89732 AU
morning rise	-5716 Apr 25 j 18:18	5°♓38'50	
retrograde	-5716 Aug 08 j 23:08	14°♓03'30	
opposition	-5716 Oct 14 j 08:07	10°♓33'24	-2°44'08
min. Earth dist.	-5716 Oct 13 j 16:58	10°♓36'34	7.94012 AU
direct	-5716 Dec 20 j 01:09	7°♓02'44	
evening set	-5715 Apr 05 j 00:59	15°♓26'09	
conjunction	-5715 Apr 23 j 04:23	17°♓47'33	-2°02'35
minimum elong	-5715 Apr 23 j 04:27	17°♓47'34	2°02'41
max. Earth dist.	-5715 Apr 24 j 00:50	17°♓54'14	9.98801 AU
morning rise	-5715 May 11 j 06:17	20°♓08'24	
retrograde	-5715 Aug 23 j 05:18	28°♓20'45	
opposition	-5715 Oct 28 j 13:49	24°♓52'10	-2°20'21
min. Earth dist.	-5715 Oct 27 j 22:24	24°♓55'22	8.04551 AU
direct	-5714 Jan 03 j 20:59	21°♓21'40	
evening set	-5714 Apr 20 j 04:34	29°♓37'58	
	-5714 Apr 23 j 02:07	0°♈	
conjunction	-5714 May 08 j 07:11	1°♈57'06	-1°40'27
minimum elong	-5714 May 08 j 07:15	1°♈57'07	1°40'28
max. Earth dist.	-5714 May 09 j 03:18	2°♈03'35	10.10786 AU
morning rise	-5714 May 26 j 06:55	4°♈15'16	
retrograde	-5714 Sep 06 j 00:16	12°♈13'50	
opposition	-5714 Nov 11 j 11:22	8°♈47'03	-1°48'53
min. Earth dist.	-5714 Nov 10 j 20:50	8°♈50'02	8.17623 AU
direct	-5713 Jan 18 j 11:26	5°♈17'06	
evening set	-5713 May 04 j 20:54	13°♈24'18	
conjunction	-5713 May 22 j 21:33	15°♈40'35	-1°13'07
minimum elong	-5713 May 22 j 21:37	15°♈40'36	1°13'03
max. Earth dist.	-5713 May 23 j 15:50	15°♈46'23	10.24902 AU
morning rise	-5713 Jun 09 j 18:17	17°♈55'36	
retrograde	-5713 Sep 19 j 06:15	25°♈40'02	
opposition	-5713 Nov 24 j 23:59	22°♈15'13	-1°12'24
min. Earth dist.	-5713 Nov 24 j 11:28	22°♈17'45	8.32421 AU
direct	-5712 Feb 01 j 17:46	18°♈46'09	
evening set	-5712 May 18 j 00:43	26°♈43'08	
conjunction	-5712 Jun 04 j 22:17	28°♈56'12	-0°42'37
minimum elong	-5712 Jun 04 j 22:19	28°♈56'12	0°42'28
max. Earth dist.	-5712 Jun 05 j 13:16	29°♈00'52	10.40298 AU
	-5712 Jun 13 j 11:10	0°♉	
morning rise	-5712 Jun 22 j 15:15	1°♉07'47	
retrograde	-5712 Oct 01 j 01:44	8°♉38'45	
opposition	-5712 Dec 07 j 03:53	5°♉15'56	-0°33'28
min. Earth dist.	-5712 Dec 06 j 17:34	5°♉17'58	8.48102 AU
direct	-5711 Feb 14 j 14:48	1°♉48'02	
evening set	-5711 May 31 j 15:35	9°♉34'25	
conjunction	-5711 Jun 18 j 09:07	11°♉44'05	-0°10'54
minimum elong	-5711 Jun 18 j 09:07	11°♉44'05	0°10'41
behind sun begin	-5711 Jun 18 j 03:36	11°♉42'24	
behind sun end	-5711 Jun 18 j 14:38	11°♉45'45	
max. Earth dist.	-5711 Jun 18 j 20:16	11°♉47'29	10.56134 AU
morning rise	-5711 Jul 05 j 21:39	13°♉52'10	
	-5711 Jul 15 j 11:10	15°♉	
retrograde	-5711 Oct 13 j 11:28	21°♉10'56	
asc. node	-5711 Oct 25 j 19:48	21°♉02'45	
opposition	-5711 Dec 19 j 23:25	17°♉50'01	0°05'41
min. Earth dist.	-5711 Dec 19 j 15:06	17°♉51'39	8.63856 AU
	-5710 Jan 31 j 20:20	15°℞♉	
direct	-5710 Feb 28 j 02:11	14°♉23'30	
	-5710 Mar 27 j 06:20	15°♉	
evening set	-5710 Jun 13 j 17:53	21°♉59'31	
conjunction	-5710 Jul 01 j 06:50	24°♉05'48	0°20'28
minimum elong	-5710 Jul 01 j 06:49	24°♉05'48	0°20'44
max. Earth dist.	-5710 Jul 01 j 14:46	24°♉08'11	10.71636 AU
morning rise	-5710 Jul 18 j 14:29	26°♉10'29	
	-5710 Aug 22 j 19:27	0°♊	
retrograde	-5710 Oct 25 j 12:40	3°♊18'45	
opposition	-5709 Jan 01 j 11:19	29°♉59'34	0°43'12
min. Earth dist.	-5709 Jan 01 j 05:21	0°♊00'43	8.78948 AU
	-5709 Jan 01 j 09:04	30°℞♉	
direct	-5709 Mar 13 j 04:37	26°♉34'29	
	-5709 May 19 j 17:52	0°♊	
evening set	-5709 Jun 26 j 08:33	4°♊00'52	
conjunction	-5709 Jul 13 j 16:35	6°♊03'56	0°49'59
minimum elong	-5709 Jul 13 j 16:33	6°♊03'55	0°50'17
max. Earth dist.	-5709 Jul 13 j 21:28	6°♊05'23	10.86110 AU
morning rise	-5709 Jul 30 j 19:08	8°♊05'26	
retrograde	-5709 Nov 06 j 08:22	15°♊05'04	
opposition	-5708 Jan 13 j 16:52	11°♊47'23	1°17'40
min. Earth dist.	-5708 Jan 13 j 14:11	11°♊47'54	8.92725 AU
direct	-5708 Mar 24 j 20:42	8°♊23'45	
evening set	-5708 Jul 07 j 12:57	15°♊41'29	
conjunction	-5708 Jul 24 j 15:46	17°♊41'37	1°16'39
minimum elong	-5708 Jul 24 j 15:43	17°♊41'36	1°16'59
max. Earth dist.	-5708 Jul 24 j 16:54	17°♊41'57	10.98958 AU
morning rise	-5708 Aug 10 j 13:24	19°♊40'17	
retrograde	-5708 Nov 16 j 20:40	26°♊33'14	
opposition	-5707 Jan 24 j 17:07	23°♊16'47	1°48'01
min. Earth dist.	-5707 Jan 24 j 18:10	23°♊16'35	9.04647 AU
direct	-5707 Apr 06 j 04:58	19°♊54'29	
evening set	-5707 Jul 19 j 08:20	27°♊04'47	
conjunction	-5707 Aug 05 j 06:05	29°♊02'22	1°39'42
minimum elong	-5707 Aug 05 j 06:02	29°♊02'21	1°40'03
max. Earth dist.	-5707 Aug 05 j 02:40	29°♊01'22	11.09710 AU
	-5707 Aug 13 j 11:52	0°♋	
morning rise	-5707 Aug 21 j 23:21	0°♋58'39	
retrograde	-5707 Nov 28 j 05:37	7°♋46'53	
opposition	-5706 Feb 05 j 13:13	4°♋31'17	2°13'30
min. Earth dist.	-5706 Feb 05 j 17:17	4°♋30'32	9.14270 AU
direct	-5706 Apr 18 j 08:28	1°♋10'13	
evening set	-5706 Jul 30 j 19:57	8°♋14'21	
conjunction	-5706 Aug 16 j 13:18	10°♋09'52	1°58'33
minimum elong	-5706 Aug 16 j 13:15	10°♋09'51	1°58'53
max. Earth dist.	-5706 Aug 16 j 06:22	10°♋07'52	11.17970 AU
morning rise	-5706 Sep 02 j 02:44	12°♋04'16	
retrograde	-5706 Dec 09 j 12:33	18°♋49'43	
opposition	-5705 Feb 17 j 06:19	15°♋34'37	2°33'34
min. Earth dist.	-5705 Feb 17 j 12:43	15°♋33'26	9.21209 AU
direct	-5705 Apr 30 j 04:43	12°♋14'36	

Attention, astronomical year style is used: The year -5705 in astronomical counting style is the year 5706 BCE in historical counting style.

evening set	-5705 Aug 11 j 01:46	19°♋14'00		
conjunction	-5705 Aug 27 j 15:26	21°♋07'59	2°12'46	
minimum elong	-5705 Aug 27 j 15:24	21°♋07'58	2°13'06	
max. Earth dist.	-5705 Aug 27 j 06:01	21°♋05'15	11.23397 AU	
morning rise	-5705 Sep 13 j 01:39	23°♋01'04		
retrograde	-5705 Dec 20 j 19:54	29°♋45'39		
opposition	-5704 Feb 28 j 21:53	26°♋30'42	2°47'51	
min. Earth dist.	-5704 Feb 29 j 07:19	26°♋28'59	9.25178 AU	
direct	-5704 May 10 j 20:35	23°♋11'32		
	-5704 Aug 20 j 00:05	0°♌		
evening set	-5704 Aug 21 j 03:29	0°♌07'43		
conjunction	-5704 Sep 06 j 14:09	2°♌00'45	2°22'03	
minimum elong	-5704 Sep 06 j 14:07	2°♌00'44	2°22'22	
max. Earth dist.	-5704 Sep 06 j 01:22	1°♌57'04	11.25788 AU	
morning rise	-5704 Sep 22 j 22:14	3°♌53'07		
retrograde	-5704 Dec 31 j 03:01	10°♌38'44		
opposition	-5703 Mar 11 j 13:32	7°♌23'37	2°56'05	
min. Earth dist.	-5703 Mar 12 j 02:06	7°♌21'20	9.26056 AU	
direct	-5703 May 22 j 08:11	4°♌05'06		
evening set	-5703 Sep 01 j 02:39	10°♌59'32		
conjunction	-5703 Sep 17 j 11:15	12°♌52'12	2°26'13	
minimum elong	-5703 Sep 17 j 11:15	12°♌52'12	2°26'29	
max. Earth dist.	-5703 Sep 16 j 19:18	12°♌47'35	11.25109 AU	
morning rise	-5703 Oct 03 j 18:23	14°♌44'29		
	-5703 Oct 06 j 01:22	15°♌		
retrograde	-5702 Jan 11 j 12:20	21°♌32'59		
opposition	-5702 Mar 23 j 06:15	18°♌17'18	2°58'03	
min. Earth dist.	-5702 Mar 23 j 20:56	18°♌14'38	9.23866 AU	
	-5702 May 29 j 15:27	15°℞♌		
direct	-5702 Jun 02 j 20:36	14°♌59'09		
	-5702 Jun 07 j 01:31	15°♌		
evening set	-5702 Sep 12 j 01:10	21°♌53'18		
conjunction	-5702 Sep 28 j 08:56	23°♌46'14	2°25'06	
minimum elong	-5702 Sep 28 j 08:57	23°♌46'14	2°25'19	
max. Earth dist.	-5702 Sep 27 j 15:45	23°♌41'14	11.21435 AU	
morning rise	-5702 Oct 14 j 16:01	25°♌39'02		
	-5702 Nov 26 j 15:40	0°♍		
retrograde	-5701 Jan 23 j 03:57	2°♍32'04		
	-5701 Mar 24 j 18:32	30°℞♌		
opposition	-5701 Apr 04 j 01:08	29°♌15'28	2°53'37	
min. Earth dist.	-5701 Apr 04 j 16:28	29°♌12'40	9.18715 AU	
direct	-5701 Jun 14 j 08:42	25°♌57'28		
	-5701 Aug 27 j 07:48	0°♍		
evening set	-5701 Sep 23 j 00:46	2°♍52'44		
conjunction	-5701 Oct 09 j 08:45	4°♍46'32	2°18'39	
minimum elong	-5701 Oct 09 j 08:47	4°♍46'33	2°18'49	
max. Earth dist.	-5701 Oct 08 j 15:02	4°♍41'21	11.14903 AU	
morning rise	-5701 Oct 25 j 16:48	6°♍40'28		
retrograde	-5700 Feb 03 j 23:25	13°♍39'42		
opposition	-5700 Apr 14 j 23:51	10°♍21'52	2°42'43	
min. Earth dist.	-5700 Apr 15 j 15:40	10°♍18'58	9.10792 AU	
direct	-5700 Jun 24 j 19:59	7°♍03'45		
evening set	-5700 Oct 03 j 03:12	14°♍01'36		
conjunction	-5700 Oct 19 j 12:16	15°♍56'49	2°06'53	
minimum elong	-5700 Oct 19 j 12:19	15°♍56'50	2°07'00	
max. Earth dist.	-5700 Oct 18 j 17:32	15°♍51'17	11.05751 AU	
morning rise	-5700 Nov 04 j 22:33	17°♍52'29		
retrograde	-5699 Feb 15 j 02:31	24°♍59'30		
opposition	-5699 Apr 27 j 03:26	21°♍40'11	2°25'24	
min. Earth dist.	-5699 Apr 27 j 19:53	21°♍37'09	9.00379 AU	
direct	-5699 Jul 06 j 11:42	18°♍21'41		

evening set	-5699 Oct 14 j 10:36	25°♍23'36		
conjunction	-5699 Oct 30 j 21:45	27°♍20'50	1°49'55	
minimum elong	-5699 Oct 30 j 21:49	27°♍20'51	1°49'58	
max. Earth dist.	-5699 Oct 30 j 02:48	27°♍15'10	10.94294 AU	
morning rise	-5699 Nov 16 j 11:16	29°♍18'49		
	-5699 Nov 22 j 09:18	0°♎		
retrograde	-5698 Feb 27 j 12:30	6°♎35'05		
opposition	-5698 May 09 j 12:38	3°♎14'04	2°01'50	
min. Earth dist.	-5698 May 10 j 04:49	3°♎11'03	8.87844 AU	
	-5698 Jul 08 j 08:14	30°℞♍		
direct	-5698 Jul 18 j 06:39	29°♍54'59		
	-5698 Jul 28 j 04:57	0°♎		
evening set	-5698 Oct 26 j 00:40	7°♎02'31		
conjunction	-5698 Nov 11 j 14:58	9°♎02'16	1°28'03	
minimum elong	-5698 Nov 11 j 15:02	9°♎02'17	1°28'02	
max. Earth dist.	-5698 Nov 10 j 21:35	8°♎57'00	10.80926 AU	
morning rise	-5698 Nov 28 j 08:22	11°♎03'03		
retrograde	-5697 Mar 12 j 08:23	18°♎30'00		
opposition	-5697 May 22 j 04:46	15°♎07'08	1°32'24	
min. Earth dist.	-5697 May 22 j 19:08	15°♎04'25	8.73636 AU	
direct	-5697 Jul 30 j 09:08	11°♎47'16		
evening set	-5697 Nov 06 j 23:28	19°♎01'53		
conjunction	-5697 Nov 23 j 17:35	21°♎04'38	1°01'47	
minimum elong	-5697 Nov 23 j 17:37	21°♎04'38	1°01'41	
max. Earth dist.	-5697 Nov 23 j 02:30	20°♎59'59	10.66140 AU	
morning rise	-5697 Dec 10 j 15:26	23°♎08'38		
	-5696 Feb 22 j 15:40	0°♏		
retrograde	-5696 Mar 24 j 16:18	0°♏47'26		
	-5696 Apr 25 j 01:11	30°℞♎		
opposition	-5696 Jun 03 j 04:42	27°♎22'41	0°57'49	
min. Earth dist.	-5696 Jun 03 j 16:24	27°♎20'26	8.58317 AU	
direct	-5696 Aug 10 j 16:35	24°♎01'53		
	-5696 Nov 06 j 13:18	0°♏		
evening set	-5696 Nov 18 j 09:12	1°♏25'00		
conjunction	-5696 Dec 05 j 07:31	3°♏31'03	0°31'52	
minimum elong	-5696 Dec 05 j 07:32	3°♏31'03	0°31'42	
max. Earth dist.	-5696 Dec 04 j 18:24	3°♏26'57	10.50551 AU	
morning rise	-5696 Dec 22 j 10:24	5°♏38'38		
retrograde	-5695 Apr 07 j 10:19	13°♏30'00		
opposition	-5695 Jun 16 j 12:56	10°♏03'24	0°19'09	
min. Earth dist.	-5695 Jun 16 j 22:04	10°♏01'37	8.42560 AU	
direct	-5695 Aug 23 j 07:40	6°♏41'29		
evening set	-5695 Dec 01 j 07:22	14°♏14'26		
	-5695 Dec 07 j 09:01	15°♏		
desc. node	-5695 Dec 11 j 22:41	15°♏34'39		
conjunction	-5695 Dec 18 j 10:11	16°♏24'00	-0°00'36	
minimum elong	-5695 Dec 18 j 10:11	16°♏24'00	0°00'50	
behind sun begin	-5695 Dec 18 j 03:03	16°♏21'46		
behind sun end	-5695 Dec 18 j 17:19	16°♏26'14		
max. Earth dist.	-5695 Dec 17 j 23:39	16°♏20'41	10.34869 AU	
morning rise	-5694 Jan 04 j 18:17	18°♏35'17		
retrograde	-5694 Apr 21 j 14:03	26°♏39'28		
opposition	-5694 Jun 30 j 05:52	23°♏11'09	-0°22'00	
min. Earth dist.	-5694 Jun 30 j 12:19	23°♏09'52	8.27126 AU	
direct	-5694 Sep 05 j 09:43	19°♏48'00		
evening set	-5694 Dec 14 j 19:12	27°♏31'45		
conjunction	-5693 Jan 01 j 02:36	29°♏44'50	-0°33'59	
minimum elong	-5693 Jan 01 j 02:35	29°♏44'50	0°34'17	
max. Earth dist.	-5694 Dec 31 j 19:59	29°♏42'42	10.19881 AU	
	-5693 Jan 03 j 01:35	0°♐		
morning rise	-5693 Jan 18 j 15:35	1°♐59'44		

Attention, astronomical year style is used: The year -5693 in astronomical counting style is the year 5694 BCE in historical counting style.

retrograde	-5693 May 06 j 03:57	10°♐16'18	
opposition	-5693 Jul 14 j 07:10	6°♐46'28	-1°03'27
min. Earth dist.	-5693 Jul 14 j 10:15	6°♐45'51	8.12851 AU
direct	-5693 Sep 18 j 21:45	3°♐22'01	
evening set	-5693 Dec 28 j 21:24	11°♐16'59	
conjunction	-5692 Jan 15 j 09:18	13°♐33'24	-1°06'28
minimum elong	-5692 Jan 15 j 09:15	13°♐33'23	1°06'47
max. Earth dist.	-5692 Jan 15 j 07:47	13°♐32'54	10.06453 AU
morning rise	-5692 Feb 02 j 02:40	15°♐51'38	
retrograde	-5692 May 20 j 03:00	24°♐19'07	
opposition	-5692 Jul 27 j 16:02	20°♐48'05	-1°42'34
min. Earth dist.	-5692 Jul 27 j 15:08	20°♐48'16	8.00602 AU
direct	-5692 Oct 01 j 19:29	17°♐22'19	
evening set	-5691 Jan 11 j 13:35	25°♐28'13	
conjunction	-5691 Jan 29 j 05:39	27°♐47'33	-1°35'48
minimum elong	-5691 Jan 29 j 05:36	27°♐47'32	1°36'08
max. Earth dist.	-5691 Jan 29 j 09:42	27°♐48'53	9.95439 AU
	-5691 Feb 15 j 00:18	0°♑	
morning rise	-5691 Feb 16 j 02:41	0°♑08'33	
retrograde	-5691 Jun 04 j 08:22	8°♑44'27	
opposition	-5691 Aug 11 j 07:01	5°♑12'37	-2°16'23
min. Earth dist.	-5691 Aug 11 j 01:45	5°♑13'43	7.91178 AU
direct	-5691 Oct 16 j 02:51	1°♑45'36	
evening set	-5690 Jan 26 j 18:12	10°♑01'13	
conjunction	-5690 Feb 13 j 13:49	12°♑22'49	-1°59'41
minimum elong	-5690 Feb 13 j 13:46	12°♑22'48	2°00'01
max. Earth dist.	-5690 Feb 13 j 23:08	12°♑25'56	9.87604 AU
morning rise	-5690 Mar 03 j 13:37	14°♑45'50	
retrograde	-5690 Jun 19 j 16:51	23°♑26'36	
opposition	-5690 Aug 26 j 02:00	19°♑54'27	-2°41'59
min. Earth dist.	-5690 Aug 25 j 16:50	19°♑56'22	7.85253 AU
direct	-5690 Oct 30 j 18:24	16°♑26'19	
evening set	-5689 Feb 11 j 08:08	24°♑49'25	
conjunction	-5689 Mar 01 j 06:42	27°♑12'30	-2°16'03
minimum elong	-5689 Mar 01 j 06:40	27°♑12'29	2°16'23
max. Earth dist.	-5689 Mar 01 j 20:44	27°♑17'11	9.83556 AU
morning rise	-5689 Mar 19 j 08:28	29°♑36'37	
	-5689 Mar 22 j 08:11	0°♒	
retrograde	-5689 Jul 05 j 00:44	8°♒17'57	
opposition	-5689 Sep 09 j 22:34	4°♒45'59	-2°57'02
min. Earth dist.	-5689 Sep 09 j 10:21	4°♒48'33	7.83286 AU
direct	-5689 Nov 14 j 15:42	1°♒16'56	
evening set	-5688 Feb 27 j 03:19	9°♒44'24	
conjunction	-5688 Mar 16 j 04:13	12°♒08'03	-2°23'28
minimum elong	-5688 Mar 16 j 04:13	12°♒08'03	2°23'44
max. Earth dist.	-5688 Mar 16 j 21:58	12°♒13'59	9.83618 AU
morning rise	-5688 Apr 03 j 07:08	14°♒32'18	
	-5688 Apr 06 j 20:16	15°♒	
retrograde	-5688 Jul 19 j 04:34	23°♒09'38	
opposition	-5688 Sep 23 j 17:53	19°♒38'21	-3°00'11
min. Earth dist.	-5688 Sep 23 j 03:43	19°♒41'20	7.85421 AU
direct	-5688 Nov 28 j 16:48	16°♒08'38	
evening set	-5687 Mar 13 j 23:19	24°♒36'52	
conjunction	-5687 Apr 01 j 01:46	27°♒00'09	-2°21'20
minimum elong	-5687 Apr 01 j 01:48	27°♒00'10	2°21'32
max. Earth dist.	-5687 Apr 01 j 21:39	27°♒06'46	9.87773 AU
morning rise	-5687 Apr 19 j 04:55	29°♒23'34	
	-5687 Apr 23 j 21:48	0°♓	
retrograde	-5687 Aug 03 j 00:53	7°♓52'41	
opposition	-5687 Oct 08 j 09:09	4°♓22'31	-2°51'22
min. Earth dist.	-5687 Oct 07 j 18:13	4°♓25'39	7.91472 AU
direct	-5687 Dec 13 j 18:40	0°♓52'28	
evening set	-5686 Mar 29 j 15:17	9°♓17'48	
conjunction	-5686 Apr 16 j 18:25	11°♓39'50	-2°10'03
minimum elong	-5686 Apr 16 j 18:28	11°♓39'51	2°10'11
max. Earth dist.	-5686 Apr 17 j 14:49	11°♓46'32	9.95668 AU
morning rise	-5686 May 04 j 20:54	14°♓01'31	
retrograde	-5686 Aug 17 j 11:10	22°♓19'12	
opposition	-5686 Oct 22 j 18:14	18°♓50'29	-2°31'44
min. Earth dist.	-5686 Oct 22 j 03:12	18°♓53'36	8.00934 AU
direct	-5686 Dec 28 j 18:05	15°♓20'26	
evening set	-5685 Apr 13 j 23:11	23°♓39'42	
conjunction	-5685 May 02 j 02:04	25°♓59'43	-1°50'52
minimum elong	-5685 May 02 j 02:08	25°♓59'44	1°50'55
max. Earth dist.	-5685 May 02 j 21:35	26°♓06'02	10.06631 AU
morning rise	-5685 May 20 j 02:58	28°♓19'00	
	-5685 Jun 02 j 16:31	0°♈	
retrograde	-5685 Aug 31 j 09:43	6°♈23'20	
opposition	-5685 Nov 05 j 19:23	2°♈56'19	-2°03'22
min. Earth dist.	-5685 Nov 05 j 05:01	2°♈59'16	8.13026 AU
	-5685 Dec 18 j 13:23	30°℞♓	
direct	-5684 Jan 12 j 12:30	29°♓26'39	
	-5684 Feb 06 j 09:57	0°♈	
evening set	-5684 Apr 27 j 20:46	7°♈37'40	
conjunction	-5684 May 15 j 22:20	9°♈55'07	-1°25'35
minimum elong	-5684 May 15 j 22:24	9°♈55'08	1°25'33
max. Earth dist.	-5684 May 16 j 15:53	10°♈00'43	10.19800 AU
morning rise	-5684 Jun 02 j 20:39	12°♈11'27	
retrograde	-5684 Sep 12 j 20:41	20°♈01'53	
opposition	-5684 Nov 18 j 11:54	16°♈36'45	-1°28'48
min. Earth dist.	-5684 Nov 17 j 22:44	16°♈39'25	8.26916 AU
direct	-5683 Jan 25 j 22:17	13°♈07'49	
evening set	-5683 May 12 j 06:24	21°♈09'15	
conjunction	-5683 May 30 j 05:30	23°♈23'42	-0°56'13
minimum elong	-5683 May 30 j 05:33	23°♈23'42	0°56'06
max. Earth dist.	-5683 May 30 j 20:47	23°♈28'29	10.34379 AU
morning rise	-5683 Jun 17 j 00:16	25°♈36'45	
	-5683 Jul 26 j 05:47	0°♉	
retrograde	-5683 Sep 25 j 22:36	3°♉13'37	
	-5683 Nov 29 j 19:43	30°℞♈	
opposition	-5683 Dec 01 j 19:53	29°♈50'23	-0°50'38
min. Earth dist.	-5683 Dec 01 j 08:32	29°♈52'39	8.41875 AU
direct	-5682 Feb 08 j 22:33	26°♈22'26	
	-5682 Apr 18 j 01:23	0°♉	
evening set	-5682 May 26 j 03:10	4°♉13'33	
conjunction	-5682 Jun 12 j 22:46	6°♉24'45	-0°24'47
minimum elong	-5682 Jun 12 j 22:47	6°♉24'46	0°24'36
max. Earth dist.	-5682 Jun 13 j 11:28	6°♉28'40	10.49642 AU
morning rise	-5682 Jun 30 j 13:16	8°♉34'24	
	-5682 Sep 05 j 09:25	15°♉	
retrograde	-5682 Oct 08 j 13:53	15°♉58'39	
	-5682 Nov 11 j 03:59	15°℞♉	
opposition	-5682 Dec 14 j 19:26	12°♉37'14	-0°11'18
min. Earth dist.	-5682 Dec 14 j 10:59	12°♉38'54	8.57186 AU
direct	-5681 Feb 22 j 13:43	9°♉10'24	
asc. node	-5681 Apr 03 j 04:50	10°♉27'06	
	-5681 May 23 j 11:25	15°♉	
evening set	-5681 Jun 08 j 11:31	16°♉51'13	
conjunction	-5681 Jun 26 j 02:43	18°♉59'04	0°07'00
minimum elong	-5681 Jun 26 j 02:42	18°♉59'03	0°07'14
behind sun begin	-5681 Jun 25 j 20:06	18°♉57'04	
behind sun end	-5681 Jun 26 j 09:18	19°♉01'02	

Attention, astronomical year style is used: The year -5681 in astronomical counting style is the year 5682 BCE in historical counting style.

max. Earth dist.	-5681 Jun 26 j 11:31	19°♉01'43	10.64860 AU	
morning rise	-5681 Jul 13 j 12:30	21°♉05'18		
retrograde	-5681 Oct 20 j 18:05	28°♉18'21		
opposition	-5681 Dec 27 j 10:57	24°♉58'37	0°27'10	
min. Earth dist.	-5681 Dec 27 j 05:44	24°♉59'37	8.72135 AU	
direct	-5680 Mar 06 j 20:58	21°♉32'57		
evening set	-5680 Jun 20 j 07:51	29°♉03'57		
	-5680 Jun 28 j 05:15	0°♊		
conjunction	-5680 Jul 07 j 18:03	1°♊08'31	0°37'26	
minimum elong	-5680 Jul 07 j 18:01	1°♊08'30	0°37'43	
max. Earth dist.	-5680 Jul 07 j 22:24	1°♊09'49	10.79345 AU	
morning rise	-5680 Jul 24 j 22:58	3°♊11'30		
retrograde	-5680 Oct 31 j 15:41	10°♊15'09		
opposition	-5679 Jan 07 j 19:36	6°♊56'49	1°03'09	
min. Earth dist.	-5679 Jan 07 j 17:09	6°♊57'17	8.86062 AU	
direct	-5679 Mar 19 j 18:47	3°♊32'25		
evening set	-5679 Jul 02 j 16:54	10°♊54'21		
conjunction	-5679 Jul 19 j 21:59	12°♊55'52	1°05'29	
minimum elong	-5679 Jul 19 j 21:56	12°♊55'52	1°05'48	
max. Earth dist.	-5679 Jul 19 j 22:35	12°♊56'03	10.92493 AU	
morning rise	-5679 Aug 05 j 21:59	14°♊55'54		
retrograde	-5679 Nov 12 j 06:36	21°♊52'04		
opposition	-5678 Jan 19 j 22:18	18°♊34'52	1°35'27	
min. Earth dist.	-5678 Jan 19 j 22:03	18°♊34'54	8.98399 AU	
direct	-5678 Apr 01 j 07:54	15°♊11'41		
evening set	-5678 Jul 14 j 16:12	22°♊25'39		
conjunction	-5678 Jul 31 j 16:23	24°♊24'28	1°30'14	
minimum elong	-5678 Jul 31 j 16:20	24°♊24'27	1°30'33	
max. Earth dist.	-5678 Jul 31 j 14:24	24°♊23'53	11.03795 AU	
morning rise	-5678 Aug 17 j 11:36	26°♊21'56		
	-5678 Sep 20 j 22:21	0°♋		
retrograde	-5678 Nov 23 j 18:31	3°♋12'32		
	-5677 Jan 30 j 23:41	30°℞♊		
opposition	-5677 Jan 31 j 20:08	29°♊56'11	2°03'11	
min. Earth dist.	-5677 Jan 31 j 22:56	29°♊55'40	9.08689 AU	
direct	-5677 Apr 13 j 13:29	26°♊34'08		
	-5677 Jun 21 j 01:20	0°♋		
evening set	-5677 Jul 26 j 07:20	3°♋41'25		
conjunction	-5677 Aug 12 j 02:49	5°♋37'59	1°50'59	
minimum elong	-5677 Aug 12 j 02:46	5°♋37'58	1°51'20	
max. Earth dist.	-5677 Aug 11 j 21:31	5°♋36'26	11.12854 AU	
morning rise	-5677 Aug 28 j 17:50	7°♋33'20		
retrograde	-5677 Dec 05 j 01:44	14°♋20'18		
opposition	-5676 Feb 12 j 14:42	11°♋04'32	2°25'42	
min. Earth dist.	-5676 Feb 12 j 20:58	11°♋03'22	9.16580 AU	
direct	-5676 Apr 24 j 11:01	7°♋43'30		
evening set	-5676 Aug 05 j 15:48	14°♋45'27		
conjunction	-5676 Aug 22 j 07:00	16°♋40'13	2°07'17	
minimum elong	-5676 Aug 22 j 06:57	16°♋40'12	2°07'37	
max. Earth dist.	-5676 Aug 21 j 21:51	16°♋37'34	11.19384 AU	
morning rise	-5676 Sep 07 j 18:41	18°♋34'01		
retrograde	-5676 Dec 15 j 07:17	25°♋19'18		
opposition	-5675 Feb 23 j 07:08	22°♋03'46	2°42'34	
min. Earth dist.	-5675 Feb 23 j 16:00	22°♋02'08	9.21823 AU	
direct	-5675 May 06 j 06:08	18°♋43'38		
evening set	-5675 Aug 16 j 19:13	25°♋41'39		
conjunction	-5675 Sep 02 j 07:06	27°♋35'11	2°18'45	
minimum elong	-5675 Sep 02 j 07:04	27°♋35'11	2°19'05	
max. Earth dist.	-5675 Sep 01 j 19:29	27°♋31'50	11.23193 AU	
morning rise	-5675 Sep 18 j 16:14	29°♋27'59		
	-5675 Sep 23 j 10:19	0°♌		

retrograde	-5675 Dec 26 j 15:06	6°♌13'24		
opposition	-5674 Mar 06 j 22:35	2°♌57'48	2°53'28	
min. Earth dist.	-5674 Mar 07 j 08:58	2°♌55'55	9.24254 AU	
	-5674 Apr 26 j 06:36	30°℞♋		
direct	-5674 May 17 j 20:54	29°♋38'28		
	-5674 Jun 08 j 04:41	0°♌		
evening set	-5674 Aug 27 j 19:14	6°♌33'56		
conjunction	-5674 Sep 13 j 04:51	8°♌26'50	2°25'09	
minimum elong	-5674 Sep 13 j 04:50	8°♌26'50	2°25'27	
max. Earth dist.	-5674 Sep 12 j 15:50	8°♌23'04	11.24156 AU	
morning rise	-5674 Sep 29 j 12:18	10°♌19'13		
	-5674 Nov 15 j 23:30	15°♌		
retrograde	-5673 Jan 07 j 00:07	17°♌06'34		
	-5673 Mar 02 j 09:05	15°℞♌		
opposition	-5673 Mar 18 j 14:36	13°♌50'38	2°58'08	
min. Earth dist.	-5673 Mar 19 j 02:37	13°♌48'27	9.23783 AU	
direct	-5673 May 29 j 08:04	10°♌31'54		
	-5673 Aug 16 j 05:00	15°♌		
evening set	-5673 Sep 07 j 17:52	17°♌26'17		
max. Earth dist.	-5673 Sep 23 j 10:56	19°♌14'46	11.22233 AU	
conjunction	-5673 Sep 24 j 02:00	19°♌19'08	2°26'20	
minimum elong	-5673 Sep 24 j 02:00	19°♌19'08	2°26'34	
morning rise	-5673 Oct 10 j 08:55	21°♌11'43		
retrograde	-5672 Jan 18 j 12:43	28°♌02'42		
opposition	-5672 Mar 29 j 08:32	24°♌46'11	2°56'27	
min. Earth dist.	-5672 Mar 29 j 22:41	24°♌43'36	9.20424 AU	
direct	-5672 Jun 08 j 18:47	21°♌27'51		
evening set	-5672 Sep 17 j 16:49	28°♌22'36		
	-5672 Oct 01 j 17:43	0°♍		
max. Earth dist.	-5672 Oct 03 j 07:27	0°♍11'00	11.17493 AU	
conjunction	-5672 Oct 04 j 00:28	0°♍15'58	2°22'10	
minimum elong	-5672 Oct 04 j 00:30	0°♍15'59	2°22'21	
morning rise	-5672 Oct 20 j 08:06	2°♍09'23		
retrograde	-5671 Jan 29 j 04:35	9°♍05'43		
opposition	-5671 Apr 10 j 05:33	5°♍48'17	2°48'18	
min. Earth dist.	-5671 Apr 10 j 20:46	5°♍45'30	9.14287 AU	
direct	-5671 Jun 20 j 06:07	2°♍30'07		
evening set	-5671 Sep 28 j 17:41	9°♍26'41		
max. Earth dist.	-5671 Oct 14 j 09:02	11°♍16'10	11.10074 AU	
conjunction	-5671 Oct 15 j 02:09	11°♍21'12	2°12'39	
minimum elong	-5671 Oct 15 j 02:11	11°♍21'13	2°12'47	
morning rise	-5671 Oct 31 j 11:25	13°♍16'02		
retrograde	-5670 Feb 10 j 05:15	20°♍19'21		
opposition	-5670 Apr 22 j 06:43	17°♍00'45	2°33'40	
min. Earth dist.	-5670 Apr 22 j 21:41	16°♍57'59	9.05550 AU	
direct	-5670 Jul 01 j 21:25	13°♍42'33		
evening set	-5670 Oct 09 j 22:41	20°♍42'23		
conjunction	-5670 Oct 26 j 08:56	22°♍38'37	1°57'52	
minimum elong	-5670 Oct 26 j 08:59	22°♍38'38	1°57'56	
max. Earth dist.	-5670 Oct 25 j 16:23	22°♍33'42	11.00195 AU	
morning rise	-5670 Nov 11 j 20:44	24°♍35'27		
	-5669 Jan 05 j 18:56	0°♎		
retrograde	-5669 Feb 22 j 12:57	1°♎47'14		
	-5669 Apr 12 j 20:31	30°℞♍		
opposition	-5669 May 04 j 13:10	28°♍27'14	2°12'42	
min. Earth dist.	-5669 May 05 j 03:24	28°♍24'36	8.94498 AU	
direct	-5669 Jul 13 j 13:40	25°♍08'47		
	-5669 Oct 01 j 17:57	0°♎		
evening set	-5669 Oct 21 j 09:42	2°♎13'23		
conjunction	-5669 Nov 06 j 22:28	4°♎11'51	1°38'02	
minimum elong	-5669 Nov 06 j 22:31	4°♎11'52	1°38'03	

Attention, astronomical year style is used: The year -5669 in astronomical counting style is the year 5670 BCE in historical counting style.

max. Earth dist.	-5669 Nov 06 j 05:52	4°♎06'52	10.88198 AU
morning rise	-5669 Nov 23 j 13:53	6°♎11'13	
retrograde	-5668 Mar 06 j 05:03	13°♎32'54	
opposition	-5668 May 16 j 02:17	10°♎11'19	1°45'42
min. Earth dist.	-5668 May 16 j 16:01	10°♎08'45	8.81530 AU
direct	-5668 Jul 24 j 11:46	6°♎52'21	
evening set	-5668 Nov 01 j 04:26	14°♎03'10	
conjunction	-5668 Nov 17 j 20:33	16°♎04'22	1°13'35
minimum elong	-5668 Nov 17 j 20:36	16°♎04'23	1°13'30
max. Earth dist.	-5668 Nov 17 j 04:39	15°♎59'31	10.74516 AU
morning rise	-5668 Dec 04 j 16:24	18°♎06'44	
retrograde	-5667 Mar 19 j 06:55	25°♎39'31	
opposition	-5667 May 28 j 22:39	22°♎16'14	1°13'14
min. Earth dist.	-5667 May 29 j 11:22	22°♎13'49	8.67125 AU
direct	-5667 Aug 05 j 16:30	18°♎56'28	
evening set	-5667 Nov 13 j 09:02	26°♎14'59	
conjunction	-5667 Nov 30 j 05:15	28°♎19'17	0°45'08
minimum elong	-5667 Nov 30 j 05:17	28°♎19'17	0°45'00
max. Earth dist.	-5667 Nov 29 j 15:28	28°♎15'01	10.59644 AU
	-5667 Dec 13 j 19:45	0°♏	
morning rise	-5667 Dec 17 j 05:52	0°♏25'00	
retrograde	-5666 Apr 01 j 18:15	8°♏09'49	
opposition	-5666 Jun 11 j 02:41	4°♏44'43	0°36'13
min. Earth dist.	-5666 Jun 11 j 13:26	4°♏42'39	8.51830 AU
direct	-5666 Aug 18 j 05:21	1°♏23'58	
evening set	-5666 Nov 26 j 01:06	8°♏51'33	
conjunction	-5666 Dec 13 j 01:50	10°♏59'15	0°13'43
minimum elong	-5666 Dec 13 j 01:50	10°♏59'15	0°13'30
behind sun begin	-5666 Dec 12 j 21:49	10°♏58'00	
behind sun end	-5666 Dec 13 j 05:51	11°♏00'30	
max. Earth dist.	-5666 Dec 12 j 15:02	10°♏55'52	10.44151 AU
morning rise	-5666 Dec 30 j 07:21	13°♏08'32	
	-5665 Jan 14 j 18:40	15°♏	
retrograde	-5665 Apr 15 j 17:07	21°♏06'01	
desc. node	-5665 May 19 j 05:36	20°♏10'54	
opposition	-5665 Jun 24 j 15:12	17°♏39'07	-0°03'59
min. Earth dist.	-5665 Jun 24 j 22:51	17°♏37'38	8.36268 AU
	-5665 Aug 02 j 14:29	15℞♏	
direct	-5665 Aug 31 j 02:54	14°♏17'13	
	-5665 Sep 28 j 02:17	15°♏	
evening set	-5665 Dec 09 j 06:08	21°♏55'04	
conjunction	-5665 Dec 26 j 11:27	24°♏06'18	-0°19'28
minimum elong	-5665 Dec 26 j 11:25	24°♏06'18	0°19'44
max. Earth dist.	-5665 Dec 26 j 03:41	24°♏03'50	10.28731 AU
morning rise	-5664 Jan 12 j 21:56	26°♏19'16	
	-5664 Feb 13 j 06:22	0°♐	
retrograde	-5664 Apr 29 j 03:52	4°♐29'26	
opposition	-5664 Jul 07 j 12:18	1°♐00'54	-0°45'29
min. Earth dist.	-5664 Jul 07 j 16:35	1°♐00'02	8.21234 AU
	-5664 Jul 20 j 10:45	30℞♏	
direct	-5664 Sep 12 j 08:18	27°♏37'40	
	-5664 Nov 02 j 23:19	0°♐	
evening set	-5664 Dec 22 j 01:29	5°♐26'39	
conjunction	-5663 Jan 08 j 11:16	7°♐41'20	-0°52'32
minimum elong	-5663 Jan 08 j 11:13	7°♐41'19	0°52'50
max. Earth dist.	-5663 Jan 08 j 06:57	7°♐39'56	10.14272 AU
morning rise	-5663 Jan 26 j 02:29	9°♐57'49	
retrograde	-5663 May 13 j 23:32	18°♐19'42	
opposition	-5663 Jul 21 j 17:17	14°♐49'44	-1°25'53
min. Earth dist.	-5663 Jul 21 j 18:13	14°♐49'33	8.07673 AU
direct	-5663 Sep 26 j 00:21	11°♐25'04	
evening set	-5662 Jan 05 j 11:02	19°♐25'18	

conjunction	-5662 Jan 23 j 01:01	21°♐43'07	-1°23'28
minimum elong	-5662 Jan 23 j 00:57	21°♐43'06	1°23'48
max. Earth dist.	-5662 Jan 23 j 00:43	21°♐43'01	10.01725 AU
morning rise	-5662 Feb 09 j 20:22	24°♐02'41	
	-5662 Apr 03 j 22:05	0°♑	
retrograde	-5662 May 29 j 01:23	2°♑34'18	
	-5662 Jul 24 j 13:06	30℞♐	
opposition	-5662 Aug 05 j 05:13	29°♐03'13	-2°02'19
min. Earth dist.	-5662 Aug 05 j 02:53	29°♐03'41	7.96496 AU
direct	-5662 Oct 10 j 03:41	25°♐37'05	
	-5662 Dec 20 j 05:53	0°♑	
evening set	-5661 Jan 20 j 09:32	3°♑47'45	
conjunction	-5661 Feb 07 j 03:18	6°♑08'11	-1°49'59
minimum elong	-5661 Feb 07 j 03:14	6°♑08'09	1°50'20
max. Earth dist.	-5661 Feb 07 j 07:54	6°♑09'42	9.91959 AU
morning rise	-5661 Feb 25 j 01:56	8°♑30'10	
retrograde	-5661 Jun 13 j 07:22	17°♑08'28	
opposition	-5661 Aug 19 j 22:13	13°♑36'39	-2°31'52
min. Earth dist.	-5661 Aug 19 j 16:28	13°♑37'50	7.88484 AU
direct	-5661 Oct 24 j 16:12	10°♑09'07	
evening set	-5660 Feb 04 j 18:53	18°♑28'28	
conjunction	-5660 Feb 22 j 15:59	20°♑50'48	-2°09'54
minimum elong	-5660 Feb 22 j 15:56	20°♑50'47	2°10'14
max. Earth dist.	-5660 Feb 23 j 01:38	20°♑54'01	9.85682 AU
morning rise	-5660 Mar 11 j 17:03	23°♑14'23	
	-5660 May 12 j 02:11	0°♒	
retrograde	-5660 Jun 27 j 14:13	1°♒55'22	
	-5660 Aug 13 j 17:39	30℞♑	
opposition	-5660 Sep 02 j 17:43	28°♑23'17	-2°51'51
min. Earth dist.	-5660 Sep 02 j 08:37	28°♑25'11	7.84206 AU
direct	-5660 Nov 07 j 11:15	24°♑54'31	
	-5659 Jan 23 j 17:37	0°♒	
evening set	-5659 Feb 19 j 11:31	3°♒19'52	
conjunction	-5659 Mar 09 j 11:23	5°♒43'16	-2°21'26
minimum elong	-5659 Mar 09 j 11:22	5°♒43'15	2°21'44
max. Earth dist.	-5659 Mar 10 j 01:29	5°♒47'59	9.83350 AU
morning rise	-5659 Mar 27 j 13:56	8°♒07'29	
	-5659 May 29 j 09:56	15°♒	
retrograde	-5659 Jul 12 j 18:54	16°♒46'43	
	-5659 Aug 26 j 17:31	15℞♒	
opposition	-5659 Sep 17 j 13:17	13°♒14'52	-3°00'26
min. Earth dist.	-5659 Sep 17 j 01:17	13°♒17'24	7.83951 AU
direct	-5659 Nov 22 j 10:31	9°♒45'08	
	-5658 Feb 09 j 10:16	15°♒	
evening set	-5658 Mar 07 j 06:54	18°♒13'06	
conjunction	-5658 Mar 25 j 08:46	20°♒36'38	-2°23'36
minimum elong	-5658 Mar 25 j 08:47	20°♒36'38	2°23'50
max. Earth dist.	-5658 Mar 26 j 02:27	20°♒42'31	9.85118 AU
morning rise	-5658 Apr 12 j 11:54	23°♒00'31	
	-5658 Jun 16 j 10:35	0°♓	
retrograde	-5658 Jul 27 j 18:33	1°♓33'41	
	-5658 Sep 07 j 12:38	30℞♒	
opposition	-5658 Oct 02 j 06:09	28°♒02'33	-2°56'58
min. Earth dist.	-5658 Oct 01 j 15:56	28°♒05'33	7.87714 AU
direct	-5658 Dec 07 j 11:45	24°♒32'11	
	-5657 Feb 26 j 22:43	0°♓	
evening set	-5657 Mar 23 j 00:33	2°♓59'08	
conjunction	-5657 Apr 10 j 03:40	5°♓21'54	-2°16'20
minimum elong	-5657 Apr 10 j 03:42	5°♓21'55	2°16'30
max. Earth dist.	-5657 Apr 10 j 23:37	5°♓28'30	9.90838 AU
morning rise	-5657 Apr 28 j 06:32	7°♓44'32	
retrograde	-5657 Aug 11 j 09:47	16°♓07'55	

Attention, astronomical year style is used: The year -5657 in astronomical counting style is the year 5658 BCE in historical counting style.

opposition	-5657 Oct 16 j 17:51	12°♓37'57	-2°42'01
min. Earth dist.	-5657 Oct 16 j 02:39	12°♓41'08	7.95198 AU
direct	-5657 Dec 22 j 11:38	9°♓07'20	
evening set	-5656 Apr 06 j 12:21	17°♓29'53	
conjunction	-5656 Apr 24 j 15:44	19°♓51'03	-2°00'32
minimum elong	-5656 Apr 24 j 15:48	19°♓51'05	2°00'37
max. Earth dist.	-5656 Apr 25 j 12:16	19°♓57'46	10.00060 AU
morning rise	-5656 May 12 j 17:26	22°♓11'39	
	-5656 Aug 04 j 14:10	0°♈	
retrograde	-5656 Aug 24 j 14:27	0°♈22'37	
	-5656 Sep 13 j 14:32	30°℞♓	
opposition	-5656 Oct 29 j 22:42	26°♓54'11	-2°17'18
min. Earth dist.	-5656 Oct 29 j 07:54	26°♓57'16	8.05849 AU
direct	-5655 Jan 05 j 07:39	23°♓23'44	
	-5655 Apr 08 j 05:53	0°♈	
evening set	-5655 Apr 21 j 14:59	1°♈39'06	
conjunction	-5655 May 09 j 17:25	3°♈57'57	-1°37'44
minimum elong	-5655 May 09 j 17:29	3°♈57'58	1°37'44
max. Earth dist.	-5655 May 10 j 12:48	4°♈04'11	10.12112 AU
morning rise	-5655 May 27 j 16:59	6°♈15'50	
retrograde	-5655 Sep 07 j 07:09	14°♈13'02	
opposition	-5655 Nov 12 j 19:20	10°♈46'25	-1°45'10
min. Earth dist.	-5655 Nov 12 j 05:47	10°♈49'11	8.18947 AU
direct	-5654 Jan 19 j 21:08	7°♈16'29	
evening set	-5654 May 06 j 06:09	15°♈22'43	
conjunction	-5654 May 24 j 06:31	17°♈38'43	-1°09'56
minimum elong	-5654 May 24 j 06:34	17°♈38'44	1°09'52
max. Earth dist.	-5654 May 24 j 23:28	17°♈44'05	10.26209 AU
morning rise	-5654 Jun 11 j 03:04	19°♈53'27	
retrograde	-5654 Sep 20 j 12:42	27°♈36'40	
opposition	-5654 Nov 26 j 07:10	24°♈11'59	-1°08'17
min. Earth dist.	-5654 Nov 25 j 19:16	24°♈14'23	8.33691 AU
direct	-5653 Feb 03 j 02:23	20°♈42'56	
evening set	-5653 May 20 j 08:39	28°♈38'58	
	-5653 May 31 j 07:39	0°♉	
conjunction	-5653 Jun 07 j 05:56	0°♉51'46	-0°39'12
minimum elong	-5653 Jun 07 j 05:58	0°♉51'47	0°39'02
max. Earth dist.	-5653 Jun 07 j 19:42	0°♉56'03	10.41511 AU
morning rise	-5653 Jun 24 j 22:42	3°♉03'06	
retrograde	-5653 Oct 03 j 06:56	10°♉33'01	
opposition	-5653 Dec 09 j 10:13	7°♉10'17	-0°29'10
min. Earth dist.	-5653 Dec 08 j 23:55	7°♉12'19	8.49240 AU
direct	-5652 Feb 16 j 22:58	3°♉42'25	
evening set	-5652 Jun 01 j 22:29	11°♉27'58	
conjunction	-5652 Jun 19 j 15:47	13°♉37'24	-0°07'26
minimum elong	-5652 Jun 19 j 15:48	13°♉37'24	0°07'12
behind sun begin	-5652 Jun 19 j 09:11	13°♉35'23	
behind sun end	-5652 Jun 19 j 22:25	13°♉39'24	
max. Earth dist.	-5652 Jun 20 j 02:30	13°♉40'40	10.57181 AU
	-5652 Jun 30 j 22:05	15°♉	
morning rise	-5652 Jul 07 j 03:59	15°♉45'14	
asc. node	-5652 Sep 15 j 18:23	22°♉18'38	
retrograde	-5652 Oct 14 j 16:00	23°♉03'12	
opposition	-5652 Dec 21 j 05:04	19°♉42'21	0°09'56
min. Earth dist.	-5652 Dec 20 j 20:49	19°♉43'57	8.64797 AU
direct	-5651 Mar 01 j 09:50	16°♉15'51	
evening set	-5651 Jun 14 j 23:57	23°♉51'13	
conjunction	-5651 Jul 02 j 12:39	25°♉57'17	0°23'51
minimum elong	-5651 Jul 02 j 12:38	25°♉57'17	0°24'08
max. Earth dist.	-5651 Jul 02 j 20:35	25°♉59'41	10.72460 AU
morning rise	-5651 Jul 19 j 19:49	28°♉01'45	
	-5651 Aug 06 j 01:15	0°♊	
retrograde	-5651 Oct 26 j 18:38	5°♊09'27	
opposition	-5650 Jan 02 j 16:41	1°♊50'19	0°47'15
min. Earth dist.	-5650 Jan 02 j 11:25	1°♊51'20	8.79649 AU
	-5650 Jan 28 j 00:14	30°℞♉	
direct	-5650 Mar 14 j 09:30	28°♉25'16	
	-5650 Apr 28 j 05:10	0°♊	
evening set	-5650 Jun 27 j 13:52	5°♊51'09	
conjunction	-5650 Jul 14 j 21:29	7°♊54'03	0°53'08
minimum elong	-5650 Jul 14 j 21:27	7°♊54'02	0°53'27
max. Earth dist.	-5650 Jul 15 j 01:51	7°♊55'21	10.86674 AU
morning rise	-5650 Jul 31 j 23:39	9°♊55'23	
retrograde	-5650 Nov 07 j 11:59	16°♊54'42	
opposition	-5649 Jan 14 j 21:58	13°♊37'04	1°21'21
min. Earth dist.	-5649 Jan 14 j 20:23	13°♊37'22	8.93165 AU
direct	-5649 Mar 27 j 01:45	10°♊13'26	
evening set	-5649 Jul 09 j 17:46	17°♊30'54	
conjunction	-5649 Jul 26 j 20:08	19°♊30'53	1°19'30
minimum elong	-5649 Jul 26 j 20:05	19°♊30'52	1°19'49
max. Earth dist.	-5649 Jul 26 j 19:53	19°♊30'49	10.99251 AU
morning rise	-5649 Aug 12 j 17:32	21°♊29'27	
retrograde	-5649 Nov 19 j 00:34	28°♊22'20	
opposition	-5648 Jan 26 j 21:57	25°♊05'53	1°51'15
min. Earth dist.	-5648 Jan 26 j 23:24	25°♊05'36	9.04811 AU
direct	-5648 Apr 07 j 11:24	21°♊43'36	
evening set	-5648 Jul 20 j 12:47	28°♊53'49	
	-5648 Jul 30 j 02:16	0°♋	
conjunction	-5648 Aug 06 j 10:12	0°♋51'19	1°42'08
minimum elong	-5648 Aug 06 j 10:09	0°♋51'18	1°42'28
max. Earth dist.	-5648 Aug 06 j 06:15	0°♋50'10	11.09727 AU
morning rise	-5648 Aug 23 j 03:12	2°♋47'32	
retrograde	-5648 Nov 29 j 10:00	9°♋35'56	
opposition	-5647 Feb 06 j 18:06	6°♋20'19	2°16'11
min. Earth dist.	-5647 Feb 06 j 21:55	6°♋19'37	9.14152 AU
direct	-5647 Apr 19 j 13:01	2°♋59'17	
evening set	-5647 Aug 01 j 00:13	10°♋03'29	
conjunction	-5647 Aug 17 j 17:21	11°♋58'58	2°00'29
minimum elong	-5647 Aug 17 j 17:18	11°♋58'57	2°00'49
max. Earth dist.	-5647 Aug 17 j 10:51	11°♋57'05	11.17719 AU
morning rise	-5647 Sep 03 j 06:26	13°♋53'21	
retrograde	-5647 Dec 10 j 18:05	20°♋39'10	
opposition	-5646 Feb 18 j 11:34	17°♋24'02	2°35'37
min. Earth dist.	-5646 Feb 18 j 18:05	17°♋22'51	9.20843 AU
direct	-5646 May 01 j 09:49	14°♋04'03	
evening set	-5646 Aug 12 j 06:06	21°♋03'39	
conjunction	-5646 Aug 28 j 19:31	22°♋57'38	2°14'10
minimum elong	-5646 Aug 28 j 19:29	22°♋57'37	2°14'29
max. Earth dist.	-5646 Aug 28 j 09:54	22°♋54'51	11.22923 AU
morning rise	-5646 Sep 14 j 05:33	24°♋50'44	
	-5646 Nov 07 j 06:30	0°♌	
retrograde	-5646 Dec 22 j 01:15	1°♌35'48	
	-5645 Feb 06 j 08:21	30°℞♋	
opposition	-5645 Mar 02 j 03:29	28°♋20'49	2°49'13
min. Earth dist.	-5645 Mar 02 j 13:38	28°♋18'58	9.24615 AU
direct	-5645 May 13 j 00:48	25°♋01'40	
	-5645 Aug 05 j 06:43	0°♌	
evening set	-5645 Aug 23 j 07:59	1°♌58'07	
conjunction	-5645 Sep 08 j 18:23	3°♌51'11	2°22'51
minimum elong	-5645 Sep 08 j 18:22	3°♌51'11	2°23'09
max. Earth dist.	-5645 Sep 08 j 04:51	3°♌47'16	11.25128 AU
morning rise	-5645 Sep 25 j 02:30	5°♌43'38	

Attention, astronomical year style is used: The year -5644 in astronomical counting style is the year 5645 BCE in historical counting style.

retrograde	-5644 Jan 02 j 07:50	12°♌29'51	
opposition	-5644 Mar 12 j 19:29	9°♌14'39	2°56'42
min. Earth dist.	-5644 Mar 13 j 08:20	9°♌12'19	9.25303 AU
direct	-5644 May 23 j 13:50	5°♌56'07	
evening set	-5644 Sep 02 j 07:20	12°♌50'56	
conjunction	-5644 Sep 18 j 15:54	14°♌43'42	2°26'23
minimum elong	-5644 Sep 18 j 15:53	14°♌43'41	2°26'38
max. Earth dist.	-5644 Sep 18 j 00:10	14°♌39'08	11.24253 AU
	-5644 Sep 21 j 00:15	15°♌	
morning rise	-5644 Oct 04 j 23:00	16°♌36'05	
retrograde	-5643 Jan 12 j 19:43	23°♌25'20	
opposition	-5643 Mar 24 j 12:44	20°♌09'32	2°57'53
min. Earth dist.	-5643 Mar 25 j 02:50	20°♌06'59	9.22904 AU
direct	-5643 Jun 04 j 02:59	16°♌51'25	
evening set	-5643 Sep 13 j 06:14	23°♌46'00	
conjunction	-5643 Sep 29 j 14:06	25°♌39'05	2°24'36
minimum elong	-5643 Sep 29 j 14:07	25°♌39'06	2°24'49
max. Earth dist.	-5643 Sep 28 j 21:32	25°♌34'16	11.20369 AU
morning rise	-5643 Oct 15 j 21:11	27°♌32'04	
	-5643 Nov 07 j 13:43	0°♍	
retrograde	-5642 Jan 24 j 10:53	4°♍25'59	
opposition	-5642 Apr 05 j 08:23	1°♍09'16	2°52'38
min. Earth dist.	-5642 Apr 05 j 23:28	1°♍06'31	9.17548 AU
	-5642 Apr 21 j 12:36	30°℞♌	
direct	-5642 Jun 15 j 13:35	27°♌51'16	
	-5642 Aug 07 j 04:40	0°♍	
evening set	-5642 Sep 24 j 06:26	4°♍47'07	
conjunction	-5642 Oct 10 j 14:30	6°♍41'06	2°17'28
minimum elong	-5642 Oct 10 j 14:33	6°♍41'07	2°17'38
max. Earth dist.	-5642 Oct 09 j 20:21	6°♍35'47	11.13647 AU
morning rise	-5642 Oct 26 j 22:50	8°♍35'16	
retrograde	-5641 Feb 05 j 08:24	15°♍35'29	
opposition	-5641 Apr 17 j 07:54	12°♍17'33	2°40'55
min. Earth dist.	-5641 Apr 18 j 00:12	12°♍14'34	9.09444 AU
direct	-5641 Jun 27 j 02:53	8°♍59'24	
evening set	-5641 Oct 05 j 09:39	15°♍57'56	
conjunction	-5641 Oct 21 j 18:52	17°♍53'24	2°05'02
minimum elong	-5641 Oct 21 j 18:55	17°♍53'25	2°05'08
max. Earth dist.	-5641 Oct 20 j 23:42	17°♍47'44	11.04331 AU
morning rise	-5641 Nov 07 j 05:32	19°♍49'21	
retrograde	-5640 Feb 17 j 10:43	26°♍57'28	
opposition	-5640 Apr 28 j 12:18	23°♍38'01	2°22'46
min. Earth dist.	-5640 Apr 29 j 05:00	23°♍34'56	8.98883 AU
direct	-5640 Jul 07 j 18:40	20°♍19'29	
evening set	-5640 Oct 15 j 17:48	27°♍22'10	
max. Earth dist.	-5640 Oct 31 j 11:08	29°♍14'14	10.92747 AU
conjunction	-5640 Nov 01 j 05:21	29°♍19'41	1°47'25
minimum elong	-5640 Nov 01 j 05:24	29°♍19'42	1°47'28
	-5640 Nov 06 j 20:02	0°♎	
morning rise	-5640 Nov 17 j 19:12	1°♎17'58	
retrograde	-5639 Feb 28 j 22:24	8°♎35'29	
opposition	-5639 May 10 j 22:29	5°♎14'17	1°58'25
min. Earth dist.	-5639 May 11 j 13:59	5°♎11'23	8.86246 AU
direct	-5639 Jul 19 j 16:09	1°♎55'08	
evening set	-5639 Oct 27 j 08:53	9°♎03'29	
conjunction	-5639 Nov 12 j 23:39	11°♎03'35	1°24'58
minimum elong	-5639 Nov 12 j 23:42	11°♎03'35	1°24'56
max. Earth dist.	-5639 Nov 12 j 07:05	10°♎58'33	10.79301 AU
morning rise	-5639 Nov 29 j 17:24	13°♎04'42	
retrograde	-5638 Mar 13 j 21:33	20°♎32'54	
opposition	-5638 May 23 j 15:32	17°♎09'52	1°28'18
min. Earth dist.	-5638 May 24 j 05:01	17°♎07'19	8.71992 AU
direct	-5638 Jul 31 j 17:54	13°♎49'55	
evening set	-5638 Nov 08 j 08:59	21°♎05'24	
conjunction	-5638 Nov 25 j 03:26	23°♎08'29	0°58'11
minimum elong	-5638 Nov 25 j 03:29	23°♎08'30	0°58'04
max. Earth dist.	-5638 Nov 24 j 12:20	23°♎03'50	10.64503 AU
morning rise	-5638 Dec 12 j 01:48	25°♎12'52	
	-5637 Jan 25 j 12:53	0°♏	
retrograde	-5637 Mar 27 j 04:50	2°♏52'53	
	-5637 May 29 j 16:58	30°℞♎	
opposition	-5637 Jun 05 j 16:21	29°♎27'57	0°53'08
min. Earth dist.	-5637 Jun 06 j 03:45	29°♎25'46	8.56696 AU
direct	-5637 Aug 13 j 01:43	26°♎07'02	
	-5637 Oct 20 j 23:42	0°♏	
evening set	-5637 Nov 20 j 19:56	3°♏31'07	
conjunction	-5637 Dec 07 j 18:34	5°♏37'30	0°27'55
minimum elong	-5637 Dec 07 j 18:35	5°♏37'30	0°27'44
max. Earth dist.	-5637 Dec 07 j 05:15	5°♏33'20	10.48978 AU
morning rise	-5637 Dec 24 j 22:01	7°♏45'26	
	-5636 Mar 12 j 11:12	15°♏	
retrograde	-5636 Apr 08 j 22:52	15°♏38'00	
	-5636 May 06 j 15:59	15°℞♏	
opposition	-5636 Jun 18 j 01:34	12°♏11'13	0°14'05
min. Earth dist.	-5636 Jun 18 j 10:48	12°♏09'24	8.41044 AU
direct	-5636 Aug 24 j 19:28	8°♏49'09	
desc. node	-5636 Oct 26 j 22:29	12°♏11'33	
	-5636 Nov 21 j 11:02	15°♏	
evening set	-5636 Dec 02 j 19:14	16°♏23'04	
conjunction	-5636 Dec 19 j 22:27	18°♏32'57	-0°04'47
minimum elong	-5636 Dec 19 j 22:28	18°♏32'57	0°05'01
behind sun begin	-5636 Dec 19 j 15:31	18°♏30'46	
behind sun end	-5636 Dec 20 j 05:25	18°♏35'08	
max. Earth dist.	-5636 Dec 19 j 12:36	18°♏29'50	10.33435 AU
morning rise	-5635 Jan 06 j 07:02	20°♏44'34	
retrograde	-5635 Apr 23 j 03:56	28°♏49'52	
opposition	-5635 Jul 01 j 19:14	25°♏21'22	-0°27'10
min. Earth dist.	-5635 Jul 02 j 01:29	25°♏20'07	8.25794 AU
direct	-5635 Sep 06 j 22:14	21°♏58'03	
evening set	-5635 Dec 16 j 08:24	29°♏42'43	
	-5635 Dec 18 j 14:57	0°♐	
conjunction	-5634 Jan 02 j 16:17	1°♐56'06	-0°38'06
minimum elong	-5634 Jan 02 j 16:15	1°♐56'05	0°38'23
max. Earth dist.	-5634 Jan 02 j 10:54	1°♐54'22	10.18658 AU
morning rise	-5634 Jan 20 j 05:35	4°♐11'17	
retrograde	-5634 May 07 j 18:57	12°♐28'45	
opposition	-5634 Jul 15 j 20:59	8°♐58'45	-1°08'26
min. Earth dist.	-5634 Jul 15 j 23:20	8°♐58'16	8.11769 AU
direct	-5634 Sep 20 j 10:50	5°♐34'08	
evening set	-5634 Dec 30 j 11:45	13°♐29'57	
conjunction	-5633 Jan 17 j 00:04	15°♐46'37	-1°10'16
minimum elong	-5633 Jan 17 j 00:00	15°♐46'36	1°10'35
max. Earth dist.	-5633 Jan 16 j 23:48	15°♐46'32	10.05502 AU
morning rise	-5633 Feb 03 j 17:36	18°♐05'02	
retrograde	-5633 May 22 j 18:12	26°♐33'11	
opposition	-5633 Jul 30 j 06:15	23°♐02'00	-1°47'00
min. Earth dist.	-5633 Jul 30 j 04:15	23°♐02'24	7.99822 AU
direct	-5633 Oct 04 j 09:27	19°♐36'05	
evening set	-5632 Jan 14 j 04:48	27°♐42'40	
conjunction	-5632 Jan 31 j 21:07	0°♑02'10	-1°39'01
minimum elong	-5632 Jan 31 j 21:04	0°♑02'09	1°39'22
	-5632 Jan 31 j 14:35	0°♑	

Attention, astronomical year style is used: The year -5632 in astronomical counting style is the year 5633 BCE in historical counting style.

max. Earth dist.	-5632 Feb 01 j 02:01	0°♑03'47	9.94814 AU
morning rise	-5632 Feb 18 j 18:17	2°♑23'17	
retrograde	-5632 Jun 05 j 23:41	10°♑59'31	
opposition	-5632 Aug 12 j 21:26	7°♑27'34	-2°19'56
min. Earth dist.	-5632 Aug 12 j 15:20	7°♑28'50	7.90743 AU
direct	-5632 Oct 17 j 16:55	4°♑00'25	
evening set	-5631 Jan 28 j 10:04	12°♑16'29	
conjunction	-5631 Feb 15 j 05:52	14°♑38'11	-2°02'05
minimum elong	-5631 Feb 15 j 05:48	14°♑38'10	2°02'25
max. Earth dist.	-5631 Feb 15 j 15:24	14°♑41'22	9.87343 AU
morning rise	-5631 Mar 05 j 05:49	17°♑01'14	
retrograde	-5631 Jun 21 j 08:01	25°♑41'54	
opposition	-5631 Aug 27 j 16:19	22°♑09'42	-2°44'22
min. Earth dist.	-5631 Aug 27 j 06:56	22°♑11'40	7.85183 AU
direct	-5631 Nov 01 j 08:05	18°♑41'26	
evening set	-5630 Feb 13 j 00:18	27°♑04'45	
conjunction	-5630 Mar 02 j 22:57	29°♑27'50	-2°17'27
minimum elong	-5630 Mar 02 j 22:55	29°♑27'49	2°17'45
max. Earth dist.	-5630 Mar 03 j 12:42	29°♑32'25	9.83663 AU
	-5630 Mar 06 j 23:12	0°♒	
morning rise	-5630 Mar 21 j 00:51	1°♒51'55	
retrograde	-5630 Jul 06 j 15:42	10°♒32'44	
opposition	-5630 Sep 11 j 12:36	7°♒00'48	-2°58'04
min. Earth dist.	-5630 Sep 11 j 00:38	7°♒03'19	7.83573 AU
direct	-5630 Nov 16 j 05:40	3°♒31'38	
evening set	-5629 Feb 28 j 19:12	11°♒59'01	
conjunction	-5629 Mar 18 j 20:08	14°♒22'35	-2°23'44
minimum elong	-5629 Mar 18 j 20:08	14°♒22'35	2°24'00
max. Earth dist.	-5629 Mar 19 j 13:23	14°♒28'20	9.84076 AU
	-5629 Mar 23 j 12:18	15°♒	
morning rise	-5629 Apr 05 j 23:08	16°♒46'45	
retrograde	-5629 Jul 21 j 18:59	25°♒23'13	
opposition	-5629 Sep 26 j 07:22	21°♒52'01	-2°59'48
min. Earth dist.	-5629 Sep 25 j 17:34	21°♒54'55	7.86043 AU
direct	-5629 Dec 01 j 07:38	18°♒22'14	
evening set	-5628 Mar 15 j 14:36	26°♒50'06	
conjunction	-5628 Apr 02 j 17:06	29°♒13'14	-2°20'30
minimum elong	-5628 Apr 02 j 17:08	29°♒13'15	2°20'42
max. Earth dist.	-5628 Apr 03 j 12:32	29°♒19'41	9.88557 AU
	-5628 Apr 08 j 14:13	0°♓	
morning rise	-5628 Apr 20 j 20:19	1°♓36'30	
retrograde	-5628 Aug 04 j 13:32	10°♓04'30	
opposition	-5628 Oct 09 j 21:50	6°♓34'28	-2°49'39
min. Earth dist.	-5628 Oct 09 j 06:58	6°♓37'34	7.92398 AU
direct	-5628 Dec 15 j 09:43	3°♓04'25	
evening set	-5627 Mar 31 j 05:47	11°♓29'08	
conjunction	-5627 Apr 18 j 08:58	13°♓50'58	-2°08'14
minimum elong	-5627 Apr 18 j 09:02	13°♓50'59	2°08'21
max. Earth dist.	-5627 Apr 19 j 05:15	13°♓57'37	9.96742 AU
morning rise	-5627 May 06 j 11:25	16°♓12'27	
retrograde	-5627 Aug 18 j 21:46	24°♓28'50	
opposition	-5627 Oct 24 j 06:03	21°♓00'18	-2°28'53
min. Earth dist.	-5627 Oct 23 j 14:37	21°♓03'30	8.02133 AU
direct	-5627 Dec 30 j 08:31	17°♓30'20	
evening set	-5626 Apr 15 j 12:40	25°♓48'44	
conjunction	-5626 May 03 j 15:33	28°♓08'30	-1°48'15
minimum elong	-5626 May 03 j 15:37	28°♓08'31	1°48'17
max. Earth dist.	-5626 May 04 j 11:32	28°♓14'58	10.07975 AU
	-5626 May 18 j 01:43	0°♈	
morning rise	-5626 May 21 j 16:13	0°♈27'29	
retrograde	-5626 Sep 01 j 19:15	8°♈30'26	
opposition	-5626 Nov 07 j 06:17	5°♈03'36	-1°59'40
min. Earth dist.	-5626 Nov 06 j 15:17	5°♈06'41	8.14487 AU
direct	-5625 Jan 14 j 00:49	1°♈34'03	
evening set	-5625 Apr 30 j 08:58	9°♈43'55	
conjunction	-5625 May 18 j 10:26	12°♈01'04	-1°22'23
minimum elong	-5625 May 18 j 10:30	12°♈01'05	1°22'20
max. Earth dist.	-5625 May 19 j 04:46	12°♈06'54	10.21382 AU
morning rise	-5625 Jun 05 j 08:23	14°♈17'03	
retrograde	-5625 Sep 15 j 07:06	22°♈06'00	
opposition	-5625 Nov 20 j 21:44	18°♈41'01	-1°24'33
min. Earth dist.	-5625 Nov 20 j 08:32	18°♈43'42	8.28561 AU
direct	-5624 Jan 28 j 08:18	15°♈12'12	
evening set	-5624 May 13 j 17:15	23°♈12'23	
conjunction	-5624 May 31 j 16:08	25°♈26'31	-0°52'40
minimum elong	-5624 May 31 j 16:10	25°♈26'32	0°52'33
max. Earth dist.	-5624 Jun 01 j 07:37	25°♈31'22	10.36063 AU
morning rise	-5624 Jun 18 j 10:29	27°♈39'13	
	-5624 Jul 08 j 06:45	0°♉	
retrograde	-5624 Sep 27 j 07:05	5°♉14'38	
opposition	-5624 Dec 03 j 04:43	1°♉51'36	-0°46'08
min. Earth dist.	-5624 Dec 02 j 18:13	1°♉53'42	8.43546 AU
	-5624 Dec 27 j 21:02	30°℞♈	
direct	-5623 Feb 10 j 08:31	28°♈23'45	
	-5623 Mar 26 j 11:58	0°♉	
evening set	-5623 May 27 j 12:50	6°♉13'45	
conjunction	-5623 Jun 14 j 08:00	8°♉24'37	-0°21'07
minimum elong	-5623 Jun 14 j 08:01	8°♉24'37	0°20'55
max. Earth dist.	-5623 Jun 14 j 19:51	8°♉28'15	10.51266 AU
morning rise	-5623 Jul 01 j 22:06	10°♉33'55	
	-5623 Aug 11 j 14:42	15°♉	
retrograde	-5623 Oct 09 j 19:56	17°♉56'57	
	-5623 Dec 10 j 23:34	15°℞♉	
opposition	-5623 Dec 16 j 03:24	14°♉35'45	-0°06'46
min. Earth dist.	-5623 Dec 15 j 19:57	14°♉37'13	8.58743 AU
asc. node	-5622 Feb 19 j 14:41	11°♉10'00	
direct	-5622 Feb 23 j 23:58	11°♉09'01	
	-5622 May 06 j 04:42	15°♉	
evening set	-5622 Jun 09 j 19:58	18°♉48'51	
conjunction	-5622 Jun 27 j 10:39	20°♉56'22	0°10'36
minimum elong	-5622 Jun 27 j 10:38	20°♉56'22	0°10'51
behind sun begin	-5622 Jun 27 j 05:12	20°♉54'44	
behind sun end	-5622 Jun 27 j 16:04	20°♉58'00	
max. Earth dist.	-5622 Jun 27 j 18:00	20°♉58'35	10.66313 AU
morning rise	-5622 Jul 14 j 20:07	23°♉02'18	
	-5622 Oct 05 j 14:02	0°♊	
retrograde	-5622 Oct 22 j 00:35	0°♊14'27	
	-5622 Nov 07 j 13:52	30°℞♉	
opposition	-5622 Dec 28 j 18:11	26°♉54'52	0°31'31
min. Earth dist.	-5622 Dec 28 j 13:20	26°♉55'48	8.73480 AU
direct	-5621 Mar 09 j 05:32	23°♉29'21	
	-5621 Jun 14 j 01:17	0°♊	
evening set	-5621 Jun 22 j 15:11	0°♊59'31	
conjunction	-5621 Jul 10 j 00:59	3°♊03'49	0°40'52
minimum elong	-5621 Jul 10 j 00:58	3°♊03'49	0°41'09
max. Earth dist.	-5621 Jul 10 j 04:29	3°♊04'52	10.80547 AU
morning rise	-5621 Jul 27 j 05:32	5°♊06'33	
retrograde	-5621 Nov 02 j 21:06	12°♊09'34	
opposition	-5620 Jan 10 j 02:14	8°♊51'21	1°07'11
min. Earth dist.	-5620 Jan 09 j 23:46	8°♊51'49	8.87115 AU
direct	-5620 Mar 21 j 02:29	5°♊27'04	
evening set	-5620 Jul 03 j 23:32	12°♊48'25	

Attention, astronomical year style is used: The year -5620 in astronomical counting style is the year 5621 BCE in historical counting style.

conjunction	-5620 Jul 21 j 04:18	14°♊49'44	1°08'37
minimum elong	-5620 Jul 21 j 04:16	14°♊49'43	1°08'56
max. Earth dist.	-5620 Jul 21 j 04:51	14°♊49'54	10.93373 AU
morning rise	-5620 Aug 07 j 03:48	16°♊49'33	
retrograde	-5620 Nov 13 j 13:07	23°♊45'21	
opposition	-5619 Jan 21 j 04:42	20°♊28'15	1°39'02
min. Earth dist.	-5619 Jan 21 j 05:06	20°♊28'11	8.99107 AU
direct	-5619 Apr 02 j 15:06	17°♊05'10	
evening set	-5619 Jul 15 j 22:25	24°♊18'46	
conjunction	-5619 Aug 01 j 22:11	26°♊17'26	1°32'57
minimum elong	-5619 Aug 01 j 22:08	26°♊17'25	1°33'17
max. Earth dist.	-5619 Aug 01 j 19:36	26°♊16'41	11.04311 AU
morning rise	-5619 Aug 18 j 16:58	28°♊14'44	
	-5619 Sep 03 j 10:50	0°♋	
retrograde	-5619 Nov 25 j 00:23	5°♋05'14	
opposition	-5618 Feb 02 j 02:38	1°♋48'57	2°06'13
min. Earth dist.	-5618 Feb 02 j 06:38	1°♋48'13	9.09028 AU
	-5618 Feb 27 j 22:09	30°℞♊	
direct	-5618 Apr 14 j 18:49	28°♊26'59	
	-5618 May 29 j 18:54	0°♋	
evening set	-5618 Jul 27 j 13:10	5°♋34'04	
conjunction	-5618 Aug 13 j 08:11	7°♋30'32	1°53'14
minimum elong	-5618 Aug 13 j 08:08	7°♋30'31	1°53'34
max. Earth dist.	-5618 Aug 13 j 01:31	7°♋28'36	11.12991 AU
morning rise	-5618 Aug 29 j 23:01	9°♋25'50	
retrograde	-5618 Dec 06 j 06:58	16°♋12'57	
opposition	-5617 Feb 13 j 21:16	12°♋57'10	2°28'07
min. Earth dist.	-5617 Feb 14 j 04:16	12°♋55'53	9.16531 AU
direct	-5617 Apr 26 j 18:23	9°♋36'09	
evening set	-5617 Aug 07 j 21:29	16°♋38'09	
conjunction	-5617 Aug 24 j 12:24	18°♋32'53	2°08'59
minimum elong	-5617 Aug 24 j 12:22	18°♋32'52	2°09'18
max. Earth dist.	-5617 Aug 24 j 02:32	18°♋30'01	11.19129 AU
morning rise	-5617 Sep 09 j 23:54	20°♋26'39	
retrograde	-5617 Dec 17 j 14:15	27°♋12'19	
opposition	-5616 Feb 25 j 13:49	23°♋56'43	2°44'18
min. Earth dist.	-5616 Feb 25 j 22:37	23°♋55'06	9.21373 AU
direct	-5616 May 07 j 13:08	20°♋36'36	
evening set	-5616 Aug 18 j 00:56	27°♋34'48	
conjunction	-5616 Sep 03 j 12:43	29°♋28'23	2°19'51
minimum elong	-5616 Sep 03 j 12:41	29°♋28'23	2°20'10
max. Earth dist.	-5616 Sep 03 j 01:17	29°♋25'05	11.22540 AU
	-5616 Sep 08 j 02:00	0°♌	
morning rise	-5616 Sep 19 j 21:36	1°♌21'14	
retrograde	-5616 Dec 27 j 22:05	8°♌07'15	
opposition	-5615 Mar 08 j 05:51	4°♌51'33	2°54'27
min. Earth dist.	-5615 Mar 08 j 16:27	4°♌49'37	9.23410 AU
direct	-5615 May 19 j 02:57	1°♌32'10	
evening set	-5615 Aug 29 j 01:13	8°♌28'00	
conjunction	-5615 Sep 14 j 10:41	10°♌21'01	2°25'37
minimum elong	-5615 Sep 14 j 10:40	10°♌21'00	2°25'53
max. Earth dist.	-5615 Sep 13 j 21:08	10°♌17'05	11.23125 AU
morning rise	-5615 Sep 30 j 18:05	12°♌13'31	
	-5615 Oct 26 j 15:59	15°♌	
retrograde	-5614 Jan 08 j 08:12	19°♌01'39	
opposition	-5614 Mar 19 j 22:33	15°♌45'35	2°58'20
min. Earth dist.	-5614 Mar 20 j 11:27	15°♌43'14	9.22578 AU
	-5614 Mar 30 j 10:50	15°℞♌	
direct	-5614 May 30 j 14:40	12°♌26'46	
	-5614 Jul 27 j 18:42	15°♌	
evening set	-5614 Sep 09 j 00:19	19°♌21'41	

conjunction	-5614 Sep 25 j 08:22	21°♌14'42	2°26'07
minimum elong	-5614 Sep 25 j 08:22	21°♌14'42	2°26'20
max. Earth dist.	-5614 Sep 24 j 16:16	21°♌10'01	11.20864 AU
morning rise	-5614 Oct 11 j 15:28	23°♌07'29	
retrograde	-5613 Jan 19 j 19:51	29°♌59'27	
opposition	-5613 Mar 31 j 17:02	26°♌42'44	2°55'49
min. Earth dist.	-5613 Apr 01 j 07:44	26°♌40'03	9.18898 AU
direct	-5613 Jun 11 j 01:58	23°♌24'16	
	-5613 Sep 17 j 02:18	0°♍	
evening set	-5613 Sep 19 j 23:47	0°♍19'45	
conjunction	-5613 Oct 06 j 07:36	2°♍13'21	2°21'15
minimum elong	-5613 Oct 06 j 07:38	2°♍13'22	2°21'25
max. Earth dist.	-5613 Oct 05 j 14:42	2°♍08'25	11.15824 AU
morning rise	-5613 Oct 22 j 15:24	4°♍07'01	
retrograde	-5612 Jan 31 j 15:06	11°♍04'32	
opposition	-5612 Apr 11 j 14:51	7°♍46'52	2°46'48
min. Earth dist.	-5612 Apr 12 j 05:40	7°♍44'10	9.12477 AU
direct	-5612 Jun 21 j 15:40	4°♍28'36	
evening set	-5612 Sep 30 j 01:23	11°♍26'00	
conjunction	-5612 Oct 16 j 10:08	13°♍20'50	2°11'02
minimum elong	-5612 Oct 16 j 10:11	13°♍20'50	2°11'09
max. Earth dist.	-5612 Oct 15 j 17:33	13°♍15'56	11.08147 AU
morning rise	-5612 Nov 01 j 19:36	15°♍15'58	
retrograde	-5611 Feb 11 j 16:16	22°♍20'37	
opposition	-5611 Apr 23 j 17:05	19°♍01'46	2°31'19
min. Earth dist.	-5611 Apr 24 j 07:34	18°♍59'06	9.03513 AU
direct	-5611 Jul 03 j 05:05	15°♍43'28	
evening set	-5611 Oct 11 j 07:24	22°♍44'16	
conjunction	-5611 Oct 27 j 17:55	24°♍40'52	1°55'33
minimum elong	-5611 Oct 27 j 17:59	24°♍40'52	1°55'37
max. Earth dist.	-5611 Oct 27 j 01:06	24°♍35'51	10.98081 AU
morning rise	-5611 Nov 13 j 06:12	26°♍38'04	
	-5611 Dec 14 j 04:59	0°♎	
retrograde	-5610 Feb 24 j 00:55	3°♎51'19	
opposition	-5610 May 06 j 00:40	0°♎31'05	2°09'30
min. Earth dist.	-5610 May 06 j 15:04	0°♎28'24	8.92310 AU
	-5610 May 13 j 00:31	30°℞♍	
direct	-5610 Jul 14 j 23:15	27°♍12'29	
	-5610 Sep 12 j 03:12	0°♎	
evening set	-5610 Oct 22 j 19:33	4°♎18'12	
conjunction	-5610 Nov 08 j 08:40	6°♎17'05	1°35'03
minimum elong	-5610 Nov 08 j 08:44	6°♎17'06	1°35'03
max. Earth dist.	-5610 Nov 07 j 15:46	6°♎11'59	10.85977 AU
morning rise	-5610 Nov 25 j 00:42	8°♎16'53	
retrograde	-5609 Mar 08 j 18:35	15°♎40'08	
opposition	-5609 May 18 j 14:55	12°♎18'19	1°41'42
min. Earth dist.	-5609 May 19 j 04:52	12°♎15'42	8.79277 AU
direct	-5609 Jul 26 j 22:32	8°♎59'11	
evening set	-5609 Nov 03 j 15:32	16°♎11'15	
conjunction	-5609 Nov 20 j 08:10	18°♎12'52	1°10'00
minimum elong	-5609 Nov 20 j 08:13	18°♎12'53	1°09'55
max. Earth dist.	-5609 Nov 19 j 17:07	18°♎08'16	10.72274 AU
morning rise	-5609 Dec 07 j 04:32	20°♎15'42	
retrograde	-5608 Mar 20 j 20:39	27°♎50'09	
opposition	-5608 May 30 j 12:28	24°♎26'37	1°08'32
min. Earth dist.	-5608 May 31 j 00:32	24°♎24'19	8.64912 AU
direct	-5608 Aug 07 j 04:48	21°♎06'43	
evening set	-5608 Nov 14 j 21:34	28°♎26'32	
	-5608 Nov 27 j 13:36	0°♏	
conjunction	-5608 Dec 01 j 18:22	0°♏31'17	0°41'05
minimum elong	-5608 Dec 01 j 18:24	0°♏31'17	0°40'56

Attention, astronomical year style is used: The year -5608 in astronomical counting style is the year 5609 BCE in historical counting style.

max. Earth dist.	-5608 Dec 01 j 06:05	0°♏27'28	10.57497 AU
morning rise	-5608 Dec 18 j 19:26	2°♏37'27	
retrograde	-5607 Apr 03 j 10:39	10°♏23'57	
opposition	-5607 Jun 12 j 17:45	6°♏58'37	0°30'59
min. Earth dist.	-5607 Jun 13 j 03:04	6°♏56'49	8.49790 AU
direct	-5607 Aug 19 j 19:12	3°♏37'45	
evening set	-5607 Nov 27 j 15:16	11°♏06'35	
conjunction	-5607 Dec 14 j 16:29	13°♏14'43	0°09'21
minimum elong	-5607 Dec 14 j 16:30	13°♏14'43	0°09'08
behind sun begin	-5607 Dec 14 j 10:27	13°♏12'50	
behind sun end	-5607 Dec 14 j 22:33	13°♏16'36	
max. Earth dist.	-5607 Dec 14 j 06:44	13°♏11'39	10.42247 AU
	-5607 Dec 28 j 15:40	15°♏	
morning rise	-5607 Dec 31 j 22:33	15°♏24'27	
desc. node	-5606 Mar 31 j 13:16	23°♏08'45	
retrograde	-5606 Apr 17 j 11:49	23°♏23'24	
opposition	-5606 Jun 26 j 07:19	19°♏56'19	-0°09'30
min. Earth dist.	-5606 Jun 26 j 13:45	19°♏55'03	8.34540 AU
direct	-5606 Sep 01 j 16:20	16°♏34'17	
evening set	-5606 Dec 10 j 21:55	24°♏13'18	
conjunction	-5606 Dec 28 j 03:34	26°♏24'52	-0°23'55
minimum elong	-5606 Dec 28 j 03:33	26°♏24'52	0°24'12
max. Earth dist.	-5606 Dec 27 j 20:15	26°♏22'32	10.27185 AU
morning rise	-5605 Jan 14 j 14:35	28°♏38'13	
	-5605 Jan 25 j 15:57	0°♐	
retrograde	-5605 May 01 j 22:56	6°♐49'33	
opposition	-5605 Jul 10 j 05:16	3°♐20'52	-0°50'58
min. Earth dist.	-5605 Jul 10 j 09:01	3°♐20'07	8.19891 AU
	-5605 Sep 08 j 08:19	30°℞♏	
direct	-5605 Sep 14 j 23:14	29°♏57'31	
	-5605 Sep 21 j 14:55	0°♐	
evening set	-5605 Dec 24 j 18:37	7°♐47'33	
conjunction	-5604 Jan 11 j 04:42	10°♐02'30	-0°56'48
minimum elong	-5604 Jan 11 j 04:39	10°♐02'29	0°57'06
max. Earth dist.	-5604 Jan 11 j 00:47	10°♐01'14	10.13123 AU
morning rise	-5604 Jan 28 j 20:22	12°♐19'16	
retrograde	-5604 May 15 j 17:50	20°♐42'03	
opposition	-5604 Jul 23 j 10:57	17°♐12'00	-1°30'57
min. Earth dist.	-5604 Jul 23 j 11:42	17°♐11'51	8.06741 AU
direct	-5604 Sep 27 j 17:55	13°♐47'14	
evening set	-5603 Jan 07 j 05:20	21°♐48'21	
conjunction	-5603 Jan 24 j 19:39	24°♐06'23	-1°27'15
minimum elong	-5603 Jan 24 j 19:35	24°♐06'21	1°27'35
max. Earth dist.	-5603 Jan 24 j 20:11	24°♐06'33	10.00998 AU
morning rise	-5603 Feb 11 j 15:19	26°♐26'08	
	-5603 Mar 12 j 22:10	0°♑	
retrograde	-5603 May 30 j 19:22	4°♑58'17	
opposition	-5603 Aug 06 j 23:15	1°♑27'10	-2°06'36
min. Earth dist.	-5603 Aug 06 j 20:35	1°♑27'43	7.96000 AU
	-5603 Aug 25 j 05:00	30°℞♐	
direct	-5603 Oct 11 j 21:57	28°♐00'57	
	-5603 Nov 27 j 05:48	0°♑	
evening set	-5602 Jan 22 j 04:53	6°♑12'17	
conjunction	-5602 Feb 08 j 22:59	8°♑32'50	-1°53'00
minimum elong	-5602 Feb 08 j 22:55	8°♑32'49	1°53'20
max. Earth dist.	-5602 Feb 09 j 04:44	8°♑34'44	9.91676 AU
morning rise	-5602 Feb 26 j 21:45	10°♑54'54	
retrograde	-5602 Jun 15 j 01:29	19°♑33'16	
opposition	-5602 Aug 21 j 16:14	16°♑01'29	-2°35'00
min. Earth dist.	-5602 Aug 21 j 09:49	16°♑02'49	7.88442 AU
direct	-5602 Oct 26 j 10:11	12°♑33'55	
evening set	-5601 Feb 06 j 14:47	20°♑53'35	

conjunction	-5601 Feb 24 j 12:09	23°♑15'56	-2°11'53
minimum elong	-5601 Feb 24 j 12:06	23°♑15'55	2°12'13
max. Earth dist.	-5601 Feb 24 j 23:06	23°♑19'35	9.85861 AU
morning rise	-5601 Mar 14 j 13:11	25°♑39'28	
	-5601 Apr 19 j 08:07	0°♒	
retrograde	-5601 Jun 30 j 08:39	4°♒20'04	
opposition	-5601 Sep 05 j 11:32	0°♒48'03	-2°53'36
min. Earth dist.	-5601 Sep 05 j 01:30	0°♒50'09	7.84625 AU
	-5601 Sep 15 j 02:58	30°℞♑	
direct	-5601 Nov 10 j 04:59	27°♑19'17	
	-5600 Jan 03 j 12:33	0°♒	
evening set	-5600 Feb 22 j 07:24	5°♒44'33	
conjunction	-5600 Mar 11 j 07:29	8°♒07'51	-2°22'15
minimum elong	-5600 Mar 11 j 07:28	8°♒07'51	2°22'32
max. Earth dist.	-5600 Mar 11 j 22:45	8°♒12'58	9.83990 AU
morning rise	-5600 Mar 29 j 09:57	10°♒31'57	
	-5600 May 05 j 08:39	15°♒	
retrograde	-5600 Jul 14 j 13:28	19°♒10'17	
opposition	-5600 Sep 19 j 06:34	15°♒38'33	-3°00'40
min. Earth dist.	-5600 Sep 18 j 17:48	15°♒41'14	7.84809 AU
	-5600 Sep 26 j 23:05	15°℞♒	
direct	-5600 Nov 24 j 04:28	12°♒08'51	
	-5599 Jan 19 j 15:24	15°♒	
evening set	-5599 Mar 09 j 02:29	20°♒36'20	
conjunction	-5599 Mar 27 j 04:28	22°♒59'42	-2°23'13
minimum elong	-5599 Mar 27 j 04:30	22°♒59'42	2°23'26
max. Earth dist.	-5599 Mar 27 j 22:49	23°♒05'48	9.86182 AU
morning rise	-5599 Apr 14 j 07:30	25°♒23'21	
	-5599 May 22 j 19:48	0°♓	
retrograde	-5599 Jul 29 j 11:56	3°♓55'10	
opposition	-5599 Oct 03 j 22:35	0°♓24'13	-2°55'42
min. Earth dist.	-5599 Oct 03 j 08:13	0°♓27'14	7.88959 AU
	-5599 Oct 08 j 18:11	30°℞♒	
direct	-5599 Dec 09 j 05:29	26°♒53'54	
	-5598 Feb 06 j 18:03	0°♓	
evening set	-5598 Mar 24 j 19:18	5°♓20'02	
conjunction	-5598 Apr 11 j 22:23	7°♓42'32	-2°14'50
minimum elong	-5598 Apr 11 j 22:25	7°♓42'33	2°14'59
max. Earth dist.	-5598 Apr 12 j 18:22	7°♓49'07	9.92255 AU
morning rise	-5598 Apr 30 j 01:06	10°♓04'52	
retrograde	-5598 Aug 13 j 01:10	18°♓26'36	
opposition	-5598 Oct 18 j 09:23	14°♓56'52	-2°39'26
min. Earth dist.	-5598 Oct 17 j 18:37	14°♓59'57	7.96752 AU
direct	-5598 Dec 24 j 04:43	11°♓26'19	
evening set	-5597 Apr 09 j 05:43	19°♓47'44	
conjunction	-5597 Apr 27 j 08:56	22°♓08'35	-1°58'04
minimum elong	-5597 Apr 27 j 09:00	22°♓08'36	1°58'08
max. Earth dist.	-5597 Apr 28 j 04:52	22°♓15'04	10.01740 AU
morning rise	-5597 May 15 j 10:31	24°♓28'49	
	-5597 Jul 03 j 13:08	0°♈	
retrograde	-5597 Aug 27 j 03:59	2°♈38'02	
	-5597 Oct 22 j 08:13	30°℞♓	
opposition	-5597 Nov 01 j 13:04	29°♓09'51	-2°13'41
min. Earth dist.	-5597 Oct 31 j 22:58	29°♓12'46	8.07614 AU
direct	-5596 Jan 07 j 23:41	25°♓39'28	
	-5596 Mar 21 j 04:06	0°♈	
evening set	-5596 Apr 23 j 06:54	3°♈53'31	
conjunction	-5596 May 11 j 09:07	6°♈12'01	-1°34'33
minimum elong	-5596 May 11 j 09:11	6°♈12'02	1°34'32
max. Earth dist.	-5596 May 12 j 03:22	6°♈17'52	10.13947 AU
morning rise	-5596 May 29 j 08:32	8°♈29'32	
retrograde	-5596 Sep 08 j 19:28	16°♈24'57	

Attention, astronomical year style is used: The year -5596 in astronomical counting style is the year 5597 BCE in historical counting style.

opposition	-5596 Nov 14 j 08:24	12°♈58'34	-1°40'50
min. Earth dist.	-5596 Nov 13 j 19:17	13°♈01'14	8.20809 AU
direct	-5595 Jan 21 j 12:08	9°♈28'44	
evening set	-5595 May 07 j 20:32	17°♈33'37	
conjunction	-5595 May 25 j 20:38	19°♈49'15	-1°06'17
minimum elong	-5595 May 25 j 20:41	19°♈49'16	1°06'11
max. Earth dist.	-5595 May 26 j 12:35	19°♈54'17	10.28080 AU
morning rise	-5595 Jun 12 j 16:56	22°♈03'35	
retrograde	-5595 Sep 21 j 22:55	29°♈45'10	
opposition	-5595 Nov 27 j 19:05	26°♈20'40	-1°03'33
min. Earth dist.	-5595 Nov 27 j 07:08	26°♈23'05	8.35531 AU
direct	-5594 Feb 04 j 17:13	22°♈51'46	
	-5594 May 15 j 11:12	0°♉	
evening set	-5594 May 21 j 21:24	0°♉46'28	
conjunction	-5594 Jun 08 j 18:23	2°♉58'53	-0°35'19
minimum elong	-5594 Jun 08 j 18:25	2°♉58'53	0°35'09
max. Earth dist.	-5594 Jun 09 j 07:50	3°♉03'04	10.43304 AU
morning rise	-5594 Jun 26 j 10:43	5°♉09'50	
retrograde	-5594 Oct 04 j 16:34	12°♉38'22	
opposition	-5594 Dec 10 j 21:04	9°♉15'47	-0°24'19
min. Earth dist.	-5594 Dec 10 j 10:47	9°♉17'49	8.50954 AU
direct	-5593 Feb 18 j 11:52	5°♉48'02	
evening set	-5593 Jun 04 j 09:48	13°♉32'22	
	-5593 Jun 16 j 11:16	15°♉	
conjunction	-5593 Jun 22 j 02:48	15°♉41'27	-0°03'32
minimum elong	-5593 Jun 22 j 02:47	15°♉41'27	0°03'19
behind sun begin	-5593 Jun 21 j 19:37	15°♉39'17	
behind sun end	-5593 Jun 22 j 09:56	15°♉43'37	
max. Earth dist.	-5593 Jun 22 j 13:32	15°♉44'43	10.58801 AU
morning rise	-5593 Jul 09 j 14:26	17°♉48'55	
asc. node	-5593 Aug 02 j 17:17	20°♉33'54	
retrograde	-5593 Oct 17 j 02:03	25°♉05'44	
opposition	-5593 Dec 23 j 14:56	21°♉45'01	0°14'40
min. Earth dist.	-5593 Dec 23 j 07:29	21°♉46'28	8.66301 AU
direct	-5592 Mar 02 j 19:56	18°♉18'37	
evening set	-5592 Jun 16 j 10:07	25°♉52'57	
conjunction	-5592 Jul 03 j 22:20	27°♉58'44	0°27'36
minimum elong	-5592 Jul 03 j 22:19	27°♉58'43	0°27'52
max. Earth dist.	-5592 Jul 04 j 05:36	28°♉00'55	10.73825 AU
	-5592 Jul 20 j 19:16	0°♊	
morning rise	-5592 Jul 21 j 05:01	0°♊02'52	
retrograde	-5592 Oct 28 j 02:03	7°♊09'41	
opposition	-5591 Jan 04 j 01:50	3°♊50'41	0°51'41
min. Earth dist.	-5591 Jan 03 j 21:48	3°♊51'27	8.80875 AU
direct	-5591 Mar 15 j 19:30	0°♊25'41	
evening set	-5591 Jun 28 j 23:02	7°♊50'48	
conjunction	-5591 Jul 16 j 06:03	9°♊53'25	0°56'36
minimum elong	-5591 Jul 16 j 06:00	9°♊53'24	0°56'54
max. Earth dist.	-5591 Jul 16 j 08:56	9°♊54'16	10.87732 AU
morning rise	-5591 Aug 02 j 07:49	11°♊54'30	
retrograde	-5591 Nov 08 j 19:18	18°♊53'14	
opposition	-5590 Jan 16 j 06:34	15°♊35'41	1°25'21
min. Earth dist.	-5590 Jan 16 j 05:38	15°♊35'52	8.94067 AU
direct	-5590 Mar 28 j 12:14	12°♊12'06	
evening set	-5590 Jul 11 j 02:01	19°♊29'01	
conjunction	-5590 Jul 28 j 03:54	21°♊28'48	1°22'33
minimum elong	-5590 Jul 28 j 03:51	21°♊28'47	1°22'52
max. Earth dist.	-5590 Jul 28 j 02:41	21°♊28'26	10.99971 AU
morning rise	-5590 Aug 14 j 00:57	23°♊27'10	
	-5590 Oct 31 j 16:50	0°♋	
retrograde	-5590 Nov 20 j 07:59	0°♋19'45	

	-5590 Dec 10 j 04:45	30℞♊	
opposition	-5589 Jan 28 j 06:05	27°♊03'20	1°54'42
min. Earth dist.	-5589 Jan 28 j 07:31	27°♊03'03	9.05358 AU
direct	-5589 Apr 09 j 19:58	23°♊41'07	
	-5589 Jul 15 j 07:31	0°♋	
evening set	-5589 Jul 22 j 20:22	0°♋50'59	
conjunction	-5589 Aug 08 j 17:30	2°♋48'21	1°44'43
minimum elong	-5589 Aug 08 j 17:27	2°♋48'20	1°45'02
max. Earth dist.	-5589 Aug 08 j 13:33	2°♋47'12	11.10084 AU
morning rise	-5589 Aug 25 j 10:03	4°♋44'27	
retrograde	-5589 Dec 01 j 17:55	11°♋32'49	
opposition	-5588 Feb 09 j 02:06	8°♋17'12	2°19'00
min. Earth dist.	-5588 Feb 09 j 06:17	8°♋16'26	9.14332 AU
direct	-5588 Apr 20 j 21:30	4°♋56'13	
evening set	-5588 Aug 02 j 07:34	12°♋00'19	
conjunction	-5588 Aug 19 j 00:21	13°♋55'43	2°02'31
minimum elong	-5588 Aug 19 j 00:18	13°♋55'42	2°02'51
max. Earth dist.	-5588 Aug 18 j 17:31	13°♋53'44	11.17713 AU
morning rise	-5588 Sep 04 j 13:04	15°♋50'02	
retrograde	-5588 Dec 12 j 02:03	22°♋36'03	
opposition	-5587 Feb 19 j 19:48	19°♋20'56	2°37'45
min. Earth dist.	-5587 Feb 20 j 03:19	19°♋19'33	9.20677 AU
direct	-5587 May 02 j 16:41	16°♋00'59	
evening set	-5587 Aug 13 j 13:22	23°♋00'38	
conjunction	-5587 Aug 30 j 02:23	24°♋54'36	2°15'35
minimum elong	-5587 Aug 30 j 02:21	24°♋54'36	2°15'54
max. Earth dist.	-5587 Aug 29 j 15:42	24°♋51'31	11.22597 AU
morning rise	-5587 Sep 15 j 12:19	26°♋47'44	
	-5587 Oct 15 j 21:34	0°♌	
retrograde	-5587 Dec 23 j 07:47	3°♌33'13	
opposition	-5586 Mar 03 j 12:02	0°♌18'10	2°50'35
min. Earth dist.	-5586 Mar 03 j 22:41	0°♌16'14	9.24156 AU
	-5586 Mar 07 j 15:49	30℞♋	
direct	-5586 May 14 j 08:44	26°♋59'02	
	-5586 Jul 17 j 07:35	0°♌	
evening set	-5586 Aug 24 j 15:10	3°♌55'41	
max. Earth dist.	-5586 Sep 09 j 11:44	5°♌44'50	11.24533 AU
conjunction	-5586 Sep 10 j 01:25	5°♌48'47	2°23'38
minimum elong	-5586 Sep 10 j 01:24	5°♌48'47	2°23'55
morning rise	-5586 Sep 26 j 09:28	7°♌41'18	
retrograde	-5585 Jan 03 j 17:30	14°♌28'07	
opposition	-5585 Mar 15 j 04:20	11°♌12'48	2°57'15
min. Earth dist.	-5585 Mar 15 j 16:49	11°♌10'32	9.24580 AU
direct	-5585 May 25 j 23:33	7°♌54'16	
evening set	-5585 Sep 04 j 14:44	14°♌49'22	
	-5585 Sep 06 j 04:12	15°♌	
conjunction	-5585 Sep 20 j 23:19	16°♌42'14	2°26'28
minimum elong	-5585 Sep 20 j 23:19	16°♌42'14	2°26'42
max. Earth dist.	-5585 Sep 20 j 08:07	16°♌37'50	11.23397 AU
morning rise	-5585 Oct 07 j 06:20	18°♌34'45	
retrograde	-5584 Jan 15 j 04:54	25°♌24'43	
opposition	-5584 Mar 25 j 22:07	22°♌08'48	2°57'34
min. Earth dist.	-5584 Mar 26 j 12:00	22°♌06'17	9.21913 AU
direct	-5584 Jun 05 j 10:27	18°♌50'40	
evening set	-5584 Sep 14 j 14:05	25°♌45'42	
conjunction	-5584 Sep 30 j 21:56	27°♌38'56	2°23'58
minimum elong	-5584 Sep 30 j 21:58	27°♌38'57	2°24'10
max. Earth dist.	-5584 Sep 30 j 05:03	27°♌34'01	11.19249 AU
morning rise	-5584 Oct 17 j 05:09	29°♌32'05	
	-5584 Oct 21 j 07:41	0°♍	
retrograde	-5583 Jan 25 j 21:37	6°♍26'55	

Attention, astronomical year style is used: The year -5583 in astronomical counting style is the year 5584 BCE in historical counting style.

opposition	-5583 Apr 06 j 18:39	3°♍10'05	2°51'27	
min. Earth dist.	-5583 Apr 07 j 10:15	3°♍07'15	9.16300 AU	
	-5583 Jun 04 j 01:30	30°℞♌		
direct	-5583 Jun 16 j 22:39	29°♌52'04		
	-5583 Jun 29 j 17:42	0°♍		
evening set	-5583 Sep 25 j 14:50	6°♍48'29		
conjunction	-5583 Oct 11 j 22:58	8°♍42'41	2°16'06	
minimum elong	-5583 Oct 11 j 23:00	8°♍42'42	2°16'15	
max. Earth dist.	-5583 Oct 11 j 04:10	8°♍37'10	11.12287 AU	
morning rise	-5583 Oct 28 j 07:38	10°♍37'06		
retrograde	-5582 Feb 06 j 18:27	17°♍38'24		
opposition	-5582 Apr 18 j 19:00	14°♍20'20	2°38'50	
min. Earth dist.	-5582 Apr 19 j 11:41	14°♍17'16	9.07966 AU	
direct	-5582 Jun 28 j 11:53	11°♍02'09		
evening set	-5582 Oct 06 j 18:51	18°♍01'24		
max. Earth dist.	-5582 Oct 22 j 09:35	19°♍51'34	11.02757 AU	
conjunction	-5582 Oct 23 j 04:23	19°♍57'09	2°02'56	
minimum elong	-5582 Oct 23 j 04:26	19°♍57'10	2°03'01	
morning rise	-5582 Nov 08 j 15:24	21°♍53'24		
retrograde	-5581 Feb 18 j 22:59	29°♍02'46		
opposition	-5581 May 01 j 00:11	25°♍43'08	2°19'49	
min. Earth dist.	-5581 May 01 j 16:27	25°♍40'08	8.97210 AU	
direct	-5581 Jul 10 j 06:08	22°♍24'33		
evening set	-5581 Oct 18 j 04:00	29°♍28'06		
	-5581 Oct 22 j 16:12	0°♎		
conjunction	-5581 Nov 03 j 16:00	1°♎25'58	1°44'38	
minimum elong	-5581 Nov 03 j 16:03	1°♎25'59	1°44'39	
max. Earth dist.	-5581 Nov 02 j 22:31	1°♎20'43	10.91000 AU	
morning rise	-5581 Nov 20 j 06:10	3°♎24'36		
retrograde	-5580 Mar 02 j 13:27	10°♎43'28		
opposition	-5580 May 12 j 11:29	7°♎22'06	1°54'38	
min. Earth dist.	-5580 May 13 j 02:09	7°♎19'21	8.84429 AU	
direct	-5580 Jul 21 j 03:15	4°♎02'54		
evening set	-5580 Oct 28 j 20:17	11°♎12'12		
conjunction	-5580 Nov 14 j 11:25	13°♎12'39	1°21'32	
minimum elong	-5580 Nov 14 j 11:28	13°♎12'40	1°21'29	
max. Earth dist.	-5580 Nov 13 j 18:51	13°♎07'37	10.77448 AU	
morning rise	-5580 Dec 01 j 05:43	15°♎14'11		
retrograde	-5579 Mar 15 j 12:19	22°♎43'49		
opposition	-5579 May 25 j 05:46	19°♎20'36	1°23'45	
min. Earth dist.	-5579 May 25 j 18:59	19°♎18'05	8.70108 AU	
direct	-5579 Aug 02 j 05:06	16°♎00'34		
evening set	-5579 Nov 09 j 21:48	23°♎17'08		
conjunction	-5579 Nov 26 j 16:40	25°♎20'36	0°54'13	
minimum elong	-5579 Nov 26 j 16:42	25°♎20'37	0°54'06	
max. Earth dist.	-5579 Nov 26 j 01:17	25°♎15'52	10.62628 AU	
morning rise	-5579 Dec 13 j 15:42	27°♎25'24		
	-5578 Jan 04 j 21:32	0°♏		
retrograde	-5578 Mar 28 j 20:49	5°♏06'52		
opposition	-5578 Jun 07 j 07:36	1°♏41'46	0°47'59	
min. Earth dist.	-5578 Jun 07 j 19:12	1°♏39'32	8.54834 AU	
	-5578 Jun 30 j 09:48	30°℞♎		
direct	-5578 Aug 14 j 15:40	28°♎20'43		
	-5578 Sep 27 j 08:48	0°♏		
evening set	-5578 Nov 22 j 10:09	5°♏45'58		
conjunction	-5578 Dec 09 j 09:19	7°♏52'45	0°23'34	
minimum elong	-5578 Dec 09 j 09:20	7°♏52'45	0°23'23	
max. Earth dist.	-5578 Dec 08 j 20:33	7°♏48'45	10.47163 AU	
morning rise	-5578 Dec 26 j 13:21	10°♏01'06		
	-5577 Feb 10 j 02:12	15°♏		
retrograde	-5577 Apr 11 j 16:17	17°♏55'05		
	-5577 Jun 13 j 22:05	15°℞♏		
opposition	-5577 Jun 20 j 17:52	14°♏28'08	0°08'34	
min. Earth dist.	-5577 Jun 21 j 02:54	14°♏26'22	8.39291 AU	
direct	-5577 Aug 27 j 10:16	11°♏05'55		
desc. node	-5577 Sep 07 j 21:03	11°♏13'08		
	-5577 Nov 03 j 16:31	15°♏		
evening set	-5577 Dec 05 j 10:53	18°♏41'01		
conjunction	-5577 Dec 22 j 14:41	20°♏51'17	-0°09'17	
minimum elong	-5577 Dec 22 j 14:41	20°♏51'17	0°09'32	
behind sun begin	-5577 Dec 22 j 08:44	20°♏49'24		
behind sun end	-5577 Dec 22 j 20:37	20°♏53'09		
max. Earth dist.	-5577 Dec 22 j 06:08	20°♏48'34	10.31766 AU	
morning rise	-5576 Jan 08 j 23:41	23°♏03'16		
	-5576 Mar 18 j 18:08	0°♐		
retrograde	-5576 Apr 24 j 22:13	1°♐09'56		
	-5576 Jun 01 j 13:29	30°℞♏		
opposition	-5576 Jul 03 j 12:27	27°♏41'14	-0°32'48	
min. Earth dist.	-5576 Jul 03 j 17:48	27°♏40'10	8.24242 AU	
direct	-5576 Sep 08 j 14:22	24°♏17'47		
	-5576 Dec 01 j 07:09	0°♐		
evening set	-5576 Dec 18 j 01:33	2°♐03'35		
conjunction	-5575 Jan 04 j 09:57	4°♐17'19	-0°42'33	
minimum elong	-5575 Jan 04 j 09:55	4°♐17'18	0°42'50	
max. Earth dist.	-5575 Jan 04 j 05:50	4°♐15'59	10.17228 AU	
morning rise	-5575 Jan 21 j 23:38	6°♐32'49		
retrograde	-5575 May 09 j 13:55	14°♐51'26		
opposition	-5575 Jul 17 j 14:56	11°♐21'15	-1°13'49	
min. Earth dist.	-5575 Jul 17 j 16:09	11°♐21'00	8.10501 AU	
direct	-5575 Sep 22 j 04:02	7°♐56'30		
evening set	-5574 Jan 01 j 06:21	15°♐53'21		
conjunction	-5574 Jan 18 j 19:01	18°♐10'18	-1°14'22	
minimum elong	-5574 Jan 18 j 18:58	18°♐10'17	1°14'41	
max. Earth dist.	-5574 Jan 18 j 19:27	18°♐10'26	10.04389 AU	
morning rise	-5574 Feb 05 j 12:54	20°♐28'59		
retrograde	-5574 May 24 j 14:21	28°♐57'55		
opposition	-5574 Aug 01 j 00:42	25°♐26'36	-1°51'46	
min. Earth dist.	-5574 Jul 31 j 21:56	25°♐27'11	7.98903 AU	
direct	-5574 Oct 06 j 02:15	22°♐00'32		
	-5573 Jan 14 j 23:49	0°♑		
evening set	-5573 Jan 16 j 00:28	0°♑07'59		
conjunction	-5573 Feb 02 j 17:00	2°♑27'40	-1°42'27	
minimum elong	-5573 Feb 02 j 16:56	2°♑27'39	1°42'47	
max. Earth dist.	-5573 Feb 02 j 22:02	2°♑29'20	9.94078 AU	
morning rise	-5573 Feb 20 j 14:27	4°♑48'58		
retrograde	-5573 Jun 08 j 20:30	13°♑25'35		
opposition	-5573 Aug 15 j 16:11	9°♑53'34	-2°23'42	
min. Earth dist.	-5573 Aug 15 j 09:49	9°♑54'53	7.90223 AU	
direct	-5573 Oct 20 j 10:25	6°♑26'14		
evening set	-5572 Jan 31 j 06:24	14°♑42'54		
conjunction	-5572 Feb 18 j 02:21	17°♑04'41	-2°04'35	
minimum elong	-5572 Feb 18 j 02:17	17°♑04'40	2°04'54	
max. Earth dist.	-5572 Feb 18 j 11:46	17°♑07'50	9.87027 AU	
morning rise	-5572 Mar 07 j 02:34	19°♑27'50		
retrograde	-5572 Jun 23 j 04:26	28°♑08'25		
opposition	-5572 Aug 29 j 11:01	24°♑36'11	-2°46'49	
min. Earth dist.	-5572 Aug 29 j 01:48	24°♑38'07	7.85088 AU	
direct	-5572 Nov 03 j 02:59	21°♑07'45		
evening set	-5571 Feb 14 j 20:54	29°♑31'21		
	-5571 Feb 18 j 12:06	0°♒		
conjunction	-5571 Mar 04 j 19:43	1°♒54'25	-2°18'49	
minimum elong	-5571 Mar 04 j 19:41	1°♒54'24	2°19'07	

Attention, astronomical year style is used: The year -5571 in astronomical counting style is the year 5572 BCE in historical counting style.

max. Earth dist.	-5571 Mar 05 j 09:18	1°♒58'57	9.83774 AU
morning rise	-5571 Mar 22 j 21:49	4°♒18'30	
retrograde	-5571 Jul 08 j 10:55	12°♒58'45	
opposition	-5571 Sep 13 j 06:54	9°♒26'50	-2°59'00
min. Earth dist.	-5571 Sep 12 j 19:08	9°♒29'18	7.83890 AU
direct	-5571 Nov 18 j 01:51	5°♒57'32	
evening set	-5570 Mar 02 j 15:39	14°♒24'51	
	-5570 Mar 07 j 02:48	15°♒	
conjunction	-5570 Mar 20 j 16:43	16°♒48'19	-2°23'53
minimum elong	-5570 Mar 20 j 16:44	16°♒48'19	2°24'09
max. Earth dist.	-5570 Mar 21 j 09:58	16°♒54'04	9.84587 AU
morning rise	-5570 Apr 07 j 19:47	19°♒12'22	
retrograde	-5570 Jul 23 j 11:59	27°♒47'52	
min. Earth dist.	-5570 Sep 27 j 11:02	24°♒19'40	7.86737 AU
opposition	-5570 Sep 28 j 00:59	24°♒16'44	-2°59'11
direct	-5570 Dec 03 j 03:32	20°♒46'55	
evening set	-5569 Mar 18 j 10:20	29°♒14'18	
	-5569 Mar 24 j 06:23	0°♓	
conjunction	-5569 Apr 05 j 12:58	1°♓37'18	-2°19'27
minimum elong	-5569 Apr 05 j 13:01	1°♓37'19	2°19'38
max. Earth dist.	-5569 Apr 06 j 08:44	1°♓43'51	9.89427 AU
morning rise	-5569 Apr 23 j 16:07	4°♓00'21	
retrograde	-5569 Aug 07 j 04:57	12°♓27'07	
opposition	-5569 Oct 12 j 14:36	8°♓57'11	-2°47'35
min. Earth dist.	-5569 Oct 11 j 23:12	9°♓00'25	7.93422 AU
direct	-5569 Dec 18 j 03:56	5°♓27'09	
evening set	-5568 Apr 02 j 00:33	13°♓51'06	
conjunction	-5568 Apr 20 j 03:52	16°♓12'45	-2°06'06
minimum elong	-5568 Apr 20 j 03:55	16°♓12'46	2°06'13
max. Earth dist.	-5568 Apr 21 j 00:46	16°♓19'35	9.97922 AU
morning rise	-5568 May 08 j 06:08	18°♓33'57	
retrograde	-5568 Aug 20 j 13:14	26°♓48'56	
opposition	-5568 Oct 25 j 21:51	23°♓20'32	-2°25'37
min. Earth dist.	-5568 Oct 25 j 05:53	23°♓23'51	8.03436 AU
direct	-5567 Jan 01 j 01:03	19°♓50'38	
evening set	-5567 Apr 17 j 06:27	28°♓08'04	
	-5567 May 01 j 19:56	0°♈	
conjunction	-5567 May 05 j 09:18	0°♈27'35	-1°45'15
minimum elong	-5567 May 05 j 09:22	0°♈27'37	1°45'16
max. Earth dist.	-5567 May 06 j 06:02	0°♈34'17	10.09416 AU
morning rise	-5567 May 23 j 09:40	2°♈46'15	
retrograde	-5567 Sep 03 j 10:45	10°♈47'40	
opposition	-5567 Nov 08 j 21:08	7°♈21'01	-1°55'28
min. Earth dist.	-5567 Nov 08 j 06:03	7°♈24'06	8.16039 AU
direct	-5566 Jan 15 j 16:15	3°♈51'33	
evening set	-5566 May 02 j 01:27	12°♈00'17	
conjunction	-5566 May 20 j 02:42	14°♈17'06	-1°18'46
minimum elong	-5566 May 20 j 02:45	14°♈17'07	1°18'43
max. Earth dist.	-5566 May 20 j 21:27	14°♈23'04	10.23062 AU
morning rise	-5566 Jun 07 j 00:16	16°♈32'44	
retrograde	-5566 Sep 16 j 20:26	24°♈20'03	
opposition	-5566 Nov 22 j 11:37	20°♈55'17	-1°19'47
min. Earth dist.	-5566 Nov 21 j 22:52	20°♈57'52	8.30337 AU
direct	-5565 Jan 30 j 00:13	17°♈26'32	
evening set	-5565 May 16 j 08:11	25°♈25'25	
conjunction	-5565 Jun 03 j 06:40	27°♈39'09	-0°48'43
minimum elong	-5565 Jun 03 j 06:42	27°♈39'09	0°48'35
max. Earth dist.	-5565 Jun 03 j 21:41	27°♈43'50	10.37912 AU
morning rise	-5565 Jun 21 j 00:41	29°♈51'28	
	-5565 Jun 22 j 04:36	0°♉	
retrograde	-5565 Sep 29 j 18:03	7°♉25'19	
opposition	-5565 Dec 05 j 17:27	4°♉02'28	-0°41'07
min. Earth dist.	-5565 Dec 05 j 07:38	4°♉04'26	8.45423 AU
direct	-5564 Feb 12 j 23:36	0°♉34'43	
evening set	-5564 May 29 j 02:21	8°♉23'24	
conjunction	-5564 Jun 15 j 21:01	10°♉33'51	-0°17'03
minimum elong	-5564 Jun 15 j 21:02	10°♉33'52	0°16'51
max. Earth dist.	-5564 Jun 16 j 07:39	10°♉37'07	10.53129 AU
morning rise	-5564 Jul 03 j 10:46	12°♉42'46	
	-5564 Jul 23 j 03:43	15°♉	
retrograde	-5564 Oct 11 j 06:25	20°♉04'24	
opposition	-5564 Dec 17 j 15:01	16°♉43'23	-0°01'47
min. Earth dist.	-5564 Dec 17 j 07:50	16°♉44'48	8.60560 AU
asc. node	-5563 Jan 03 j 19:40	15°♉24'38	
	-5563 Jan 09 j 16:34	15°℞♉	
direct	-5563 Feb 25 j 13:23	13°♉16'48	
	-5563 Apr 12 j 20:23	15°♉	
evening set	-5563 Jun 11 j 08:06	20°♉55'26	
conjunction	-5563 Jun 28 j 22:17	23°♉02'35	0°14'35
minimum elong	-5563 Jun 28 j 22:17	23°♉02'35	0°14'50
behind sun begin	-5563 Jun 28 j 19:33	23°♉01'46	
behind sun end	-5563 Jun 29 j 01:00	23°♉03'24	
max. Earth dist.	-5563 Jun 29 j 04:52	23°♉04'34	10.68048 AU
morning rise	-5563 Jul 16 j 07:18	25°♉08'09	
	-5563 Aug 31 j 22:14	0°♊	
retrograde	-5563 Oct 23 j 09:52	2°♊19'11	
	-5563 Dec 17 j 00:09	30°℞♉	
opposition	-5563 Dec 30 j 05:03	28°♉59'46	0°36'17
min. Earth dist.	-5563 Dec 30 j 00:05	29°♉00'43	8.75114 AU
direct	-5562 Mar 10 j 18:05	25°♉34'25	
	-5562 May 27 j 09:58	0°♊	
evening set	-5562 Jun 24 j 02:01	3°♊03'32	
conjunction	-5562 Jul 11 j 11:25	5°♊07'31	0°44'36
minimum elong	-5562 Jul 11 j 11:23	5°♊07'30	0°44'54
max. Earth dist.	-5562 Jul 11 j 14:56	5°♊08'34	10.82051 AU
morning rise	-5562 Jul 28 j 15:23	7°♊09'55	
retrograde	-5562 Nov 04 j 07:15	14°♊12'07	
opposition	-5561 Jan 11 j 12:30	10°♊54'04	1°11'33
min. Earth dist.	-5561 Jan 11 j 10:25	10°♊54'28	8.88482 AU
direct	-5561 Mar 23 j 13:56	7°♊29'57	
evening set	-5561 Jul 06 j 09:33	14°♊50'28	
conjunction	-5561 Jul 23 j 13:50	16°♊51'31	1°11'59
minimum elong	-5561 Jul 23 j 13:47	16°♊51'30	1°12'18
max. Earth dist.	-5561 Jul 23 j 14:02	16°♊51'34	10.94575 AU
morning rise	-5561 Aug 09 j 12:47	18°♊51'03	
retrograde	-5561 Nov 15 j 22:13	25°♊46'18	
opposition	-5560 Jan 23 j 14:29	22°♊29'21	1°42'52
min. Earth dist.	-5560 Jan 23 j 16:03	22°♊29'03	9.00150 AU
direct	-5560 Apr 04 j 00:11	19°♊06'24	
evening set	-5560 Jul 17 j 07:48	26°♊19'25	
conjunction	-5560 Aug 03 j 06:59	28°♊17'53	1°35'51
minimum elong	-5560 Aug 03 j 06:56	28°♊17'52	1°36'11
max. Earth dist.	-5560 Aug 03 j 03:02	28°♊16'43	11.05164 AU
	-5560 Aug 17 j 21:19	0°♋	
morning rise	-5560 Aug 20 j 01:25	0°♋14'59	
retrograde	-5560 Nov 26 j 07:46	7°♋05'13	
opposition	-5559 Feb 03 j 12:14	3°♋49'02	2°09'26
min. Earth dist.	-5559 Feb 03 j 17:04	3°♋48'08	9.09705 AU
direct	-5559 Apr 16 j 05:15	0°♋27'09	
evening set	-5559 Jul 28 j 21:58	7°♋33'55	
conjunction	-5559 Aug 14 j 16:30	9°♋30'12	1°55'35
minimum elong	-5559 Aug 14 j 16:27	9°♋30'12	1°55'55

Attention, astronomical year style is used: The year -5559 in astronomical counting style is the year 5560 BCE in historical counting style.

max. Earth dist.	-5559 Aug 14 j 08:52	9°♋27'59	11.13465 AU
morning rise	-5559 Aug 31 j 07:02	11°♋25'22	
retrograde	-5559 Dec 07 j 16:15	18°♋12'30	
opposition	-5558 Feb 15 j 06:46	14°♋56'46	2°30'37
min. Earth dist.	-5558 Feb 15 j 13:47	14°♋55'28	9.16812 AU
direct	-5558 Apr 28 j 04:38	11°♋35'51	
evening set	-5558 Aug 09 j 05:55	18°♋37'40	
conjunction	-5558 Aug 25 j 20:36	20°♋32'20	2°10'43
minimum elong	-5558 Aug 25 j 20:34	20°♋32'19	2°11'02
max. Earth dist.	-5558 Aug 25 j 10:47	20°♋29'29	11.19200 AU
morning rise	-5558 Sep 11 j 07:46	22°♋26'03	
retrograde	-5558 Dec 18 j 23:25	29°♋11'56	
opposition	-5557 Feb 26 j 23:21	25°♋56'20	2°46'02
min. Earth dist.	-5557 Feb 27 j 08:21	25°♋54'41	9.21240 AU
direct	-5557 May 09 j 22:05	22°♋36'16	
evening set	-5557 Aug 20 j 09:18	29°♋34'31	
	-5557 Aug 24 j 02:58	0°♌	
conjunction	-5557 Sep 05 j 20:52	1°♌28'06	2°20'56
minimum elong	-5557 Sep 05 j 20:50	1°♌28'05	2°21'14
max. Earth dist.	-5557 Sep 05 j 09:01	1°♌24'40	11.22194 AU
morning rise	-5557 Sep 22 j 05:32	3°♌20'57	
retrograde	-5557 Dec 30 j 08:20	10°♌07'25	
opposition	-5556 Mar 09 j 15:44	6°♌51'41	2°55'22
min. Earth dist.	-5556 Mar 10 j 03:19	6°♌49'34	9.22862 AU
direct	-5556 May 20 j 12:10	3°♌32'18	
evening set	-5556 Aug 30 j 09:43	10°♌28'22	
conjunction	-5556 Sep 15 j 18:56	12°♌21'26	2°26'00
minimum elong	-5556 Sep 15 j 18:55	12°♌21'26	2°26'16
max. Earth dist.	-5556 Sep 15 j 04:12	12°♌17'10	11.22375 AU
morning rise	-5556 Oct 02 j 02:21	14°♌14'02	
	-5556 Oct 08 j 22:15	15°♌	
retrograde	-5555 Jan 09 j 16:46	21°♌02'51	
opposition	-5555 Mar 21 j 08:57	17°♌46'41	2°58'24
min. Earth dist.	-5555 Mar 21 j 22:39	17°♌44'11	9.21636 AU
	-5555 May 05 j 15:24	15°℞♌	
direct	-5555 May 31 j 23:31	14°♌27'49	
	-5555 Jun 27 j 01:09	15°♌	
evening set	-5555 Sep 10 j 09:01	21°♌23'10	
conjunction	-5555 Sep 26 j 17:02	23°♌16'18	2°25'47
minimum elong	-5555 Sep 26 j 17:03	23°♌16'18	2°25'59
max. Earth dist.	-5555 Sep 26 j 00:39	23°♌11'32	11.19737 AU
morning rise	-5555 Oct 13 j 00:16	25°♌09'15	
	-5555 Dec 01 j 04:34	0°♍	
retrograde	-5554 Jan 21 j 07:19	2°♍02'08	
	-5554 Mar 15 j 15:34	30°℞♌	
opposition	-5554 Apr 02 j 03:56	28°♌45'14	2°55'00
min. Earth dist.	-5554 Apr 02 j 18:30	28°♌42'34	9.17587 AU
direct	-5554 Jun 12 j 13:10	25°♌26'42	
	-5554 Aug 30 j 14:58	0°♍	
evening set	-5554 Sep 21 j 08:53	2°♍22'45	
conjunction	-5554 Oct 07 j 16:56	4°♍16'35	2°20'11
minimum elong	-5554 Oct 07 j 16:58	4°♍16'36	2°20'20
max. Earth dist.	-5554 Oct 07 j 00:28	4°♍11'46	11.14340 AU
morning rise	-5554 Oct 24 j 00:51	6°♍10'29	
retrograde	-5553 Feb 02 j 03:11	13°♍09'05	
opposition	-5553 Apr 14 j 02:26	9°♍51'12	2°45'05
min. Earth dist.	-5553 Apr 14 j 16:59	9°♍48'32	9.10823 AU
direct	-5553 Jun 24 j 01:15	6°♍32'50	
evening set	-5553 Oct 02 j 11:15	13°♍30'59	
conjunction	-5553 Oct 18 j 20:11	15°♍26'05	2°09'13
minimum elong	-5553 Oct 18 j 20:14	15°♍26'06	2°09'20

max. Earth dist.	-5553 Oct 18 j 03:12	15°♍21'05	11.06347 AU
morning rise	-5553 Nov 04 j 05:57	17°♍21'33	
retrograde	-5552 Feb 14 j 05:19	24°♍27'29	
opposition	-5552 Apr 25 j 05:38	21°♍08'23	2°28'42
min. Earth dist.	-5552 Apr 25 j 20:30	21°♍05'39	9.01569 AU
direct	-5552 Jul 04 j 15:57	17°♍49'56	
evening set	-5552 Oct 12 j 18:09	24°♍51'41	
max. Earth dist.	-5552 Oct 28 j 11:23	26°♍43'23	10.96030 AU
conjunction	-5552 Oct 29 j 04:54	26°♍48'37	1°53'00
minimum elong	-5552 Oct 29 j 04:57	26°♍48'38	1°53'04
morning rise	-5552 Nov 14 j 17:42	28°♍46'12	
	-5552 Nov 25 j 10:47	0°♎	
retrograde	-5551 Feb 25 j 15:03	6°♎00'55	
opposition	-5551 May 07 j 14:21	2°♎40'25	2°06'01
min. Earth dist.	-5551 May 08 j 05:15	2°♎37'38	8.90149 AU
	-5551 Jun 18 j 08:54	30°℞♍	
direct	-5551 Jul 16 j 10:51	29°♍21'38	
	-5551 Aug 13 j 01:26	0°♎	
evening set	-5551 Oct 24 j 07:19	6°♎28'27	
conjunction	-5551 Nov 09 j 20:54	8°♎27'43	1°31'50
minimum elong	-5551 Nov 09 j 20:57	8°♎27'44	1°31'49
max. Earth dist.	-5551 Nov 09 j 04:22	8°♎22'43	10.83744 AU
morning rise	-5551 Nov 26 j 13:29	10°♎27'58	
retrograde	-5550 Mar 10 j 08:55	17°♎52'50	
opposition	-5550 May 20 j 05:38	14°♎30'43	1°37'24
min. Earth dist.	-5550 May 20 j 19:18	14°♎28'09	8.76973 AU
direct	-5550 Jul 28 j 11:41	11°♎11'25	
evening set	-5550 Nov 05 j 04:40	18°♎24'44	
conjunction	-5550 Nov 21 j 21:54	20°♎26'48	1°06'11
minimum elong	-5550 Nov 21 j 21:56	20°♎26'49	1°06'05
max. Earth dist.	-5550 Nov 21 j 07:47	20°♎22'29	10.69933 AU
morning rise	-5550 Dec 08 j 18:44	22°♎30'05	
	-5549 Mar 12 j 09:38	0°♏	
retrograde	-5549 Mar 23 j 14:07	0°♏06'17	
	-5549 Apr 03 j 20:28	30°℞♎	
opposition	-5549 Jun 02 j 04:20	26°♎42'27	1°03'32
min. Earth dist.	-5549 Jun 02 j 15:27	26°♎40'19	8.62556 AU
direct	-5549 Aug 09 j 19:44	23°♎22'24	
	-5549 Nov 11 j 11:49	0°♏	
evening set	-5549 Nov 17 j 12:18	0°♏43'34	
conjunction	-5549 Dec 04 j 09:37	2°♏48'48	0°36'47
minimum elong	-5549 Dec 04 j 09:38	2°♏48'48	0°36'37
max. Earth dist.	-5549 Dec 03 j 21:53	2°♏45'09	10.55163 AU
morning rise	-5549 Dec 21 j 11:14	4°♏55'28	
retrograde	-5548 Apr 05 j 06:44	12°♏43'43	
opposition	-5548 Jun 14 j 11:01	9°♏18'08	0°25'27
min. Earth dist.	-5548 Jun 14 j 19:25	9°♏16'30	8.47513 AU
direct	-5548 Aug 21 j 09:07	5°♏57'06	
evening set	-5548 Nov 29 j 07:45	13°♏27'23	
	-5548 Dec 11 j 15:34	15°♏	
conjunction	-5548 Dec 16 j 09:25	15°♏35'58	0°04'46
minimum elong	-5548 Dec 16 j 09:24	15°♏35'58	0°04'33
behind sun begin	-5548 Dec 16 j 02:25	15°♏33'47	
behind sun end	-5548 Dec 16 j 16:24	15°♏38'09	
max. Earth dist.	-5548 Dec 15 j 23:49	15°♏32'57	10.40070 AU
morning rise	-5547 Jan 02 j 16:07	17°♏46'12	
desc. node	-5547 Feb 08 j 09:20	21°♏57'11	
retrograde	-5547 Apr 19 j 08:02	25°♏46'50	
opposition	-5547 Jun 28 j 01:55	22°♏19'31	-0°15'18
min. Earth dist.	-5547 Jun 28 j 07:52	22°♏18'21	8.32504 AU
direct	-5547 Sep 03 j 08:38	18°♏57'18	
evening set	-5547 Dec 12 j 16:16	26°♏37'46	

Attention, astronomical year style is used: The year -5547 in astronomical counting style is the year 5548 BCE in historical counting style.

conjunction	-5547 Dec 29 j 22:22	28°♏49'44	-0°28'35
minimum elong	-5547 Dec 29 j 22:21	28°♏49'44	0°28'52
max. Earth dist.	-5547 Dec 29 j 15:33	28°♏47'33	10.25322 AU
	-5546 Jan 08 j 01:39	0°♐	
morning rise	-5546 Jan 16 j 10:00	1°♐03'30	
retrograde	-5546 May 03 j 18:48	9°♐16'15	
opposition	-5546 Jul 12 j 00:51	5°♐47'23	-0°56'42
min. Earth dist.	-5546 Jul 12 j 04:22	5°♐46'41	8.18230 AU
direct	-5546 Sep 16 j 18:25	2°♐23'50	
evening set	-5546 Dec 26 j 14:35	10°♐15'10	
conjunction	-5545 Jan 13 j 01:08	12°♐30'28	-1°01'14
minimum elong	-5545 Jan 13 j 01:05	12°♐30'27	1°01'33
max. Earth dist.	-5545 Jan 12 j 22:17	12°♐29'32	10.11659 AU
morning rise	-5545 Jan 30 j 17:14	14°♐47'34	
retrograde	-5545 May 18 j 14:41	23°♐11'28	
opposition	-5545 Jul 26 j 07:24	19°♐41'16	-1°36'13
min. Earth dist.	-5545 Jul 26 j 07:38	19°♐41'13	8.05500 AU
direct	-5545 Sep 30 j 13:32	16°♐16'21	
evening set	-5544 Jan 10 j 02:40	24°♐18'34	
conjunction	-5544 Jan 27 j 17:27	26°♐36'52	-1°31'09
minimum elong	-5544 Jan 27 j 17:23	26°♐36'51	1°31'29
max. Earth dist.	-5544 Jan 27 j 19:28	26°♐37'32	9.99960 AU
morning rise	-5544 Feb 14 j 13:23	28°♐56'53	
	-5544 Feb 22 j 19:27	0°♑	
retrograde	-5544 Jun 01 j 17:50	7°♑29'47	
opposition	-5544 Aug 08 j 20:16	3°♑58'36	-2°11'01
min. Earth dist.	-5544 Aug 08 j 16:41	3°♑59'20	7.95201 AU
direct	-5544 Oct 13 j 18:02	0°♑32'17	
evening set	-5543 Jan 24 j 03:31	8°♑44'30	
conjunction	-5543 Feb 10 j 22:02	11°♑05'14	-1°56'03
minimum elong	-5543 Feb 10 j 21:59	11°♑05'13	1°56'23
max. Earth dist.	-5543 Feb 11 j 05:13	11°♑07'37	9.91095 AU
morning rise	-5543 Feb 28 j 20:57	13°♑27'27	
retrograde	-5543 Jun 17 j 00:33	22°♑06'07	
opposition	-5543 Aug 23 j 13:28	18°♑34'19	-2°38'10
min. Earth dist.	-5543 Aug 23 j 05:59	18°♑35'53	7.88115 AU
direct	-5543 Oct 28 j 07:07	15°♑06'41	
evening set	-5542 Feb 08 j 14:17	23°♑26'57	
conjunction	-5542 Feb 26 j 11:57	25°♑49'23	-2°13'50
minimum elong	-5542 Feb 26 j 11:54	25°♑49'22	2°14'09
max. Earth dist.	-5542 Feb 26 j 23:58	25°♑53'24	9.85767 AU
morning rise	-5542 Mar 16 j 13:03	28°♑12'58	
	-5542 Mar 30 j 11:49	0°♒	
retrograde	-5542 Jul 02 j 07:34	6°♒53'19	
opposition	-5542 Sep 07 j 08:49	3°♒21'23	-2°55'15
min. Earth dist.	-5542 Sep 06 j 21:58	3°♒23'39	7.84787 AU
	-5542 Oct 31 j 19:22	30°℞♑	
direct	-5542 Nov 12 j 02:36	29°♑52'36	
	-5542 Nov 23 j 09:08	0°♒	
evening set	-5541 Feb 24 j 07:07	8°♒18'02	
conjunction	-5541 Mar 14 j 07:20	10°♒41'19	-2°22'57
minimum elong	-5541 Mar 14 j 07:20	10°♒41'19	2°23'13
max. Earth dist.	-5541 Mar 14 j 23:14	10°♒46'38	9.84396 AU
morning rise	-5541 Apr 01 j 09:51	13°♒05'20	
	-5541 Apr 16 j 09:18	15°♒	
retrograde	-5541 Jul 17 j 11:20	21°♒42'57	
opposition	-5541 Sep 22 j 03:33	18°♒11'21	-3°00'40
min. Earth dist.	-5541 Sep 21 j 14:32	18°♒14'06	7.85462 AU
	-5541 Nov 09 j 05:38	15°℞♒	
direct	-5541 Nov 27 j 02:01	14°♒41'39	
	-5541 Dec 14 j 22:51	15°♒	
evening set	-5540 Mar 11 j 01:59	23°♒08'54	
conjunction	-5540 Mar 29 j 04:03	25°♒32'07	-2°22'36
minimum elong	-5540 Mar 29 j 04:04	25°♒32'08	2°22'48
max. Earth dist.	-5540 Mar 29 j 22:25	25°♒38'14	9.87075 AU
morning rise	-5540 Apr 16 j 07:06	27°♒55'37	
	-5540 May 02 j 16:07	0°♓	
retrograde	-5540 Jul 31 j 08:28	6°♓26'12	
opposition	-5540 Oct 05 j 18:55	2°♓55'28	-2°54'06
min. Earth dist.	-5540 Oct 05 j 04:49	2°♓58'26	7.90069 AU
	-5540 Nov 16 j 05:44	30°℞♒	
direct	-5540 Dec 11 j 02:26	29°♒25'11	
	-5539 Jan 05 j 00:07	0°♓	
evening set	-5539 Mar 26 j 18:06	7°♓50'39	
conjunction	-5539 Apr 13 j 21:09	10°♓12'56	-2°13'00
minimum elong	-5539 Apr 13 j 21:12	10°♓12'57	2°13'08
max. Earth dist.	-5539 Apr 14 j 16:38	10°♓19'21	9.93579 AU
morning rise	-5539 May 01 j 23:52	12°♓35'01	
retrograde	-5539 Aug 14 j 20:46	20°♓55'10	
opposition	-5539 Oct 20 j 04:49	17°♓25'41	-2°36'26
min. Earth dist.	-5539 Oct 19 j 14:28	17°♓28'41	7.98251 AU
direct	-5539 Dec 26 j 01:39	13°♓55'13	
evening set	-5538 Apr 11 j 03:17	22°♓15'37	
conjunction	-5538 Apr 29 j 06:23	24°♓36'09	-1°55'13
minimum elong	-5538 Apr 29 j 06:27	24°♓36'11	1°55'16
max. Earth dist.	-5538 Apr 30 j 01:37	24°♓42'25	10.03410 AU
morning rise	-5538 May 17 j 07:51	26°♓56'04	
	-5538 Jun 11 j 14:30	0°♈	
retrograde	-5538 Aug 28 j 21:45	5°♈03'30	
opposition	-5538 Nov 03 j 07:22	1°♈35'35	-2°09'34
min. Earth dist.	-5538 Nov 02 j 17:19	1°♈38'29	8.09410 AU
	-5538 Nov 23 j 08:26	30°℞♓	
direct	-5537 Jan 09 j 20:29	28°♓05'19	
	-5537 Feb 25 j 20:29	0°♈	
evening set	-5537 Apr 26 j 02:55	6°♈18'06	
conjunction	-5537 May 14 j 04:58	8°♈36'14	-1°30'57
minimum elong	-5537 May 14 j 05:02	8°♈36'15	1°30'55
max. Earth dist.	-5537 May 14 j 22:48	8°♈41'57	10.15862 AU
morning rise	-5537 Jun 01 j 04:10	10°♈53'22	
retrograde	-5537 Sep 11 j 10:51	18°♈46'58	
min. Earth dist.	-5537 Nov 16 j 11:58	15°♈23'34	8.22791 AU
opposition	-5537 Nov 17 j 01:21	15°♈20'50	-1°35'58
direct	-5536 Jan 24 j 08:20	11°♈51'10	
evening set	-5536 May 09 j 14:55	19°♈54'38	
conjunction	-5536 May 27 j 14:50	22°♈09'51	-1°02'12
minimum elong	-5536 May 27 j 14:53	22°♈09'52	1°02'05
max. Earth dist.	-5536 May 28 j 06:49	22°♈14'54	10.30119 AU
morning rise	-5536 Jun 14 j 10:43	24°♈23'46	
	-5536 Aug 06 j 04:09	0°♉	
retrograde	-5536 Sep 23 j 13:28	2°♉03'37	
	-5536 Nov 12 j 06:23	30°℞♈	
opposition	-5536 Nov 29 j 10:47	28°♈39'22	-0°58'17
min. Earth dist.	-5536 Nov 28 j 22:44	28°♈41'47	8.37576 AU
direct	-5535 Feb 06 j 10:51	25°♈10'37	
	-5535 Apr 27 j 00:17	0°♉	
evening set	-5535 May 23 j 14:12	3°♉03'52	
conjunction	-5535 Jun 10 j 10:51	5°♉15'52	-0°31'00
minimum elong	-5535 Jun 10 j 10:52	5°♉15'53	0°30'50
max. Earth dist.	-5535 Jun 11 j 00:31	5°♉20'06	10.45343 AU
morning rise	-5535 Jun 28 j 02:35	7°♉26'22	
retrograde	-5535 Oct 06 j 07:22	14°♉53'19	
opposition	-5535 Dec 12 j 11:39	11°♉30'57	-0°18'59
min. Earth dist.	-5535 Dec 12 j 01:55	11°♉32'53	8.52953 AU
direct	-5534 Feb 20 j 02:55	8°♉03'21	

Attention, astronomical year style is used: The year -5534 in astronomical counting style is the year 5535 BCE in historical counting style.

	-5534 May 30 j 12:29	15°♉	
evening set	-5534 Jun 06 j 00:58	15°♉46'17	
asc. node	-5534 Jun 13 j 21:51	16°♉43'11	
conjunction	-5534 Jun 23 j 17:26	17°♉54'58	0°00'51
minimum elong	-5534 Jun 23 j 17:26	17°♉54'58	0°01'05
behind sun begin	-5534 Jun 23 j 10:14	17°♉52'48	
behind sun end	-5534 Jun 24 j 00:38	17°♉57'08	
max. Earth dist.	-5534 Jun 24 j 03:53	17°♉58'08	10.60738 AU
morning rise	-5534 Jul 11 j 04:32	20°♉02'02	
retrograde	-5534 Oct 18 j 13:52	27°♉17'27	
opposition	-5534 Dec 25 j 04:27	23°♉56'55	0°19'50
min. Earth dist.	-5534 Dec 24 j 22:04	23°♉58'10	8.68162 AU
direct	-5533 Mar 05 j 10:53	20°♉30'38	
evening set	-5533 Jun 18 j 23:47	28°♉03'44	
	-5533 Jul 05 j 05:08	0°♊	
conjunction	-5533 Jul 06 j 11:22	0°♊09'06	0°31'41
minimum elong	-5533 Jul 06 j 11:21	0°♊09'05	0°31'57
max. Earth dist.	-5533 Jul 06 j 17:21	0°♊10'53	10.75573 AU
morning rise	-5533 Jul 23 j 17:36	2°♊12'52	
retrograde	-5533 Oct 30 j 12:37	9°♊18'34	
opposition	-5532 Jan 06 j 14:19	5°♊59'41	0°56'28
min. Earth dist.	-5532 Jan 06 j 10:57	6°♊00'20	8.82510 AU
direct	-5532 Mar 17 j 10:35	2°♊34'47	
evening set	-5532 Jun 30 j 11:25	9°♊58'50	
conjunction	-5532 Jul 17 j 17:50	12°♊01'06	1°00'19
minimum elong	-5532 Jul 17 j 17:48	12°♊01'05	1°00'37
max. Earth dist.	-5532 Jul 17 j 19:36	12°♊01'37	10.89214 AU
morning rise	-5532 Aug 03 j 19:09	14°♊01'51	
retrograde	-5532 Nov 10 j 05:38	20°♊59'45	
opposition	-5531 Jan 17 j 18:13	17°♊42'16	1°29'37
min. Earth dist.	-5531 Jan 17 j 17:18	17°♊42'26	8.95399 AU
direct	-5531 Mar 30 j 00:45	14°♊18'47	
evening set	-5531 Jul 12 j 13:14	21°♊34'48	
conjunction	-5531 Jul 29 j 14:39	23°♊34'18	1°25'49
minimum elong	-5531 Jul 29 j 14:36	23°♊34'17	1°26'07
max. Earth dist.	-5531 Jul 29 j 13:19	23°♊33'54	11.01126 AU
morning rise	-5531 Aug 15 j 11:07	25°♊32'24	
	-5531 Sep 28 j 04:23	0°♋	
retrograde	-5531 Nov 21 j 18:03	2°♋24'26	
	-5530 Jan 17 j 23:36	30°℞♊	
opposition	-5530 Jan 29 j 17:17	29°♊08'02	1°58'20
min. Earth dist.	-5530 Jan 29 j 18:57	29°♊07'44	9.06340 AU
direct	-5530 Apr 11 j 08:15	25°♊45'54	
	-5530 Jun 27 j 04:09	0°♋	
evening set	-5530 Jul 24 j 06:40	2°♋55'06	
conjunction	-5530 Aug 10 j 03:22	4°♋52'14	1°47'25
minimum elong	-5530 Aug 10 j 03:19	4°♋52'13	1°47'44
max. Earth dist.	-5530 Aug 09 j 23:14	4°♋51'02	11.10870 AU
morning rise	-5530 Aug 26 j 19:26	6°♋48'07	
retrograde	-5530 Dec 03 j 04:40	13°♋36'12	
opposition	-5529 Feb 10 j 12:58	10°♋20'37	2°21'55
min. Earth dist.	-5529 Feb 10 j 18:09	10°♋19'39	9.14934 AU
direct	-5529 Apr 23 j 08:15	6°♋59'41	
evening set	-5529 Aug 04 j 17:22	14°♋03'19	
conjunction	-5529 Aug 21 j 09:39	15°♋58'35	2°04'36
minimum elong	-5529 Aug 21 j 09:37	15°♋58'34	2°04'56
max. Earth dist.	-5529 Aug 21 j 01:37	15°♋56'15	11.18110 AU
morning rise	-5529 Sep 06 j 22:07	17°♋52'47	
retrograde	-5529 Dec 14 j 10:22	24°♋38'45	
opposition	-5528 Feb 22 j 06:27	21°♋23'37	2°39'53
min. Earth dist.	-5528 Feb 22 j 14:52	21°♋22'04	9.20890 AU

direct	-5528 May 04 j 03:03	18°♋03'41	
evening set	-5528 Aug 14 j 22:47	25°♋03'09	
conjunction	-5528 Aug 31 j 11:26	26°♋57'02	2°17'00
minimum elong	-5528 Aug 31 j 11:24	26°♋57'01	2°17'19
max. Earth dist.	-5528 Aug 30 j 23:58	26°♋53'42	11.22612 AU
morning rise	-5528 Sep 16 j 21:11	28°♋50'06	
	-5528 Sep 27 j 08:34	0°♌	
retrograde	-5528 Dec 24 j 18:28	5°♌35'50	
opposition	-5527 Mar 04 j 22:49	2°♌20'44	2°51'53
min. Earth dist.	-5527 Mar 05 j 09:22	2°♌18'48	9.23993 AU
	-5527 Apr 09 j 17:50	30°℞♋	
direct	-5527 May 15 j 20:36	29°♋01'37	
	-5527 Jun 20 j 05:49	0°♌	
evening set	-5527 Aug 26 j 00:18	5°♌58'13	
conjunction	-5527 Sep 11 j 10:26	7°♌51'20	2°24'20
minimum elong	-5527 Sep 11 j 10:25	7°♌51'19	2°24'37
max. Earth dist.	-5527 Sep 10 j 21:10	7°♌47'29	11.24193 AU
morning rise	-5527 Sep 27 j 18:17	9°♌43'51	
	-5527 Nov 22 j 09:08	15°♌	
retrograde	-5526 Jan 05 j 03:49	16°♌31'06	
	-5526 Feb 19 j 09:52	15°℞♌	
opposition	-5526 Mar 16 j 15:22	13°♌15'42	2°57'41
min. Earth dist.	-5526 Mar 17 j 03:38	13°♌13'28	9.24075 AU
direct	-5526 May 27 j 09:14	9°♌57'11	
	-5526 Aug 19 j 22:20	15°♌	
evening set	-5526 Sep 06 j 00:02	16°♌52'23	
conjunction	-5526 Sep 22 j 08:33	18°♌45'19	2°26'26
minimum elong	-5526 Sep 22 j 08:33	18°♌45'19	2°26'40
max. Earth dist.	-5526 Sep 21 j 17:11	18°♌40'52	11.22729 AU
morning rise	-5526 Oct 08 j 15:32	20°♌37'55	
retrograde	-5525 Jan 16 j 16:37	27°♌28'29	
opposition	-5525 Mar 28 j 09:30	24°♌12'28	2°57'07
min. Earth dist.	-5525 Mar 29 j 00:00	24°♌09'50	9.21082 AU
direct	-5525 Jun 07 j 21:00	20°♌54'18	
evening set	-5525 Sep 16 j 23:42	27°♌49'39	
conjunction	-5525 Oct 03 j 07:30	29°♌43'01	2°23'12
minimum elong	-5525 Oct 03 j 07:31	29°♌43'01	2°23'22
max. Earth dist.	-5525 Oct 02 j 13:35	29°♌37'48	11.18257 AU
	-5525 Oct 05 j 17:47	0°♍	
morning rise	-5525 Oct 19 j 14:55	1°♍36'20	
retrograde	-5524 Jan 28 j 08:39	8°♍31'58	
opposition	-5524 Apr 08 j 06:40	5°♍15'01	2°50'05
min. Earth dist.	-5524 Apr 08 j 23:01	5°♍12'02	9.15137 AU
direct	-5524 Jun 18 j 08:54	1°♍56'57	
evening set	-5524 Sep 27 j 00:54	8°♍53'54	
conjunction	-5524 Oct 13 j 09:10	10°♍48'18	2°14'35
minimum elong	-5524 Oct 13 j 09:13	10°♍48'19	2°14'42
max. Earth dist.	-5524 Oct 12 j 14:17	10°♍42'45	11.10968 AU
morning rise	-5524 Oct 29 j 18:06	12°♍42'58	
retrograde	-5523 Feb 08 j 06:58	19°♍45'22	
opposition	-5523 Apr 20 j 07:48	16°♍27'07	2°36'33
min. Earth dist.	-5523 Apr 21 j 00:22	16°♍24'04	9.06483 AU
direct	-5523 Jun 30 j 00:13	13°♍08'54	
evening set	-5523 Oct 08 j 05:43	20°♍08'53	
conjunction	-5523 Oct 24 j 15:38	22°♍04'56	2°00'39
minimum elong	-5523 Oct 24 j 15:41	22°♍04'57	2°00'44
max. Earth dist.	-5523 Oct 23 j 21:20	21°♍59'30	11.01132 AU
morning rise	-5523 Nov 10 j 02:56	24°♍01'30	
	-5522 Jan 12 j 17:06	0°♎	
retrograde	-5522 Feb 20 j 14:31	1°♎12'09	
	-5522 Apr 01 j 09:01	30°℞♍	

Attention, astronomical year style is used: The year -5522 in astronomical counting style is the year 5523 BCE in historical counting style.

opposition	-5522 May 02 j 13:51	27°♍52'22	2°16'37
min. Earth dist.	-5522 May 03 j 05:37	27°♍49'27	8.95439 AU
direct	-5522 Jul 11 j 17:58	24°♍33'46	
	-5522 Oct 05 j 08:43	0°♎	
evening set	-5522 Oct 19 j 16:00	1°♎38'14	
max. Earth dist.	-5522 Nov 04 j 10:40	3°♎31'09	10.89112 AU
conjunction	-5522 Nov 05 j 04:22	3°♎36'28	1°41'38
minimum elong	-5522 Nov 05 j 04:25	3°♎36'29	1°41'39
morning rise	-5522 Nov 21 j 19:01	5°♎35'29	
retrograde	-5521 Mar 05 j 05:01	12°♎55'49	
opposition	-5521 May 15 j 02:21	9°♎34'18	1°50'35
min. Earth dist.	-5521 May 15 j 17:02	9°♎31'33	8.82424 AU
direct	-5521 Jul 23 j 15:13	6°♎15'03	
evening set	-5521 Oct 31 j 09:35	13°♎25'30	
max. Earth dist.	-5521 Nov 16 j 07:54	15°♎21'08	10.75370 AU
conjunction	-5521 Nov 17 j 01:05	15°♎26'22	1°17'54
minimum elong	-5521 Nov 17 j 01:08	15°♎26'23	1°17'50
morning rise	-5521 Dec 03 j 20:01	17°♎28'20	
retrograde	-5520 Mar 17 j 05:16	24°♎59'38	
opposition	-5520 May 26 j 21:59	21°♎36'15	1°18'57
min. Earth dist.	-5520 May 27 j 11:37	21°♎33'40	8.67956 AU
direct	-5520 Aug 03 j 19:42	18°♎16'08	
evening set	-5520 Nov 11 j 12:34	25°♎34'00	
conjunction	-5520 Nov 28 j 07:57	27°♎37'56	0°50'02
minimum elong	-5520 Nov 28 j 07:59	27°♎37'56	0°49'54
max. Earth dist.	-5520 Nov 27 j 16:51	27°♎33'15	10.60449 AU
morning rise	-5520 Dec 15 j 07:38	29°♎43'14	
	-5520 Dec 17 j 15:10	0°♏	
retrograde	-5519 Mar 30 j 15:35	7°♏26'27	
opposition	-5519 Jun 09 j 01:08	4°♏01'10	0°42'34
min. Earth dist.	-5519 Jun 09 j 12:42	3°♏58'56	8.52636 AU
direct	-5519 Aug 16 j 06:54	0°♏40'00	
evening set	-5519 Nov 24 j 02:37	8°♏06'41	
conjunction	-5519 Dec 11 j 02:26	10°♏13'57	0°19'00
minimum elong	-5519 Dec 11 j 02:26	10°♏13'57	0°18'48
max. Earth dist.	-5519 Dec 10 j 14:46	10°♏10'18	10.44980 AU
morning rise	-5519 Dec 28 j 07:00	12°♏22'48	
	-5518 Jan 19 j 11:26	15°♏	
retrograde	-5518 Apr 13 j 11:57	20°♏18'35	
opposition	-5518 Jun 22 j 12:36	16°♏51'25	0°02'44
min. Earth dist.	-5518 Jun 22 j 20:54	16°♏49'48	8.37150 AU
desc. node	-5518 Jul 17 j 16:19	14°♏59'43	
	-5518 Jul 17 j 14:36	15°℞♏	
direct	-5518 Aug 29 j 03:44	13°♏29'06	
	-5518 Oct 09 j 09:02	15°♏	
evening set	-5518 Dec 07 j 05:13	21°♏05'42	
conjunction	-5518 Dec 24 j 09:36	23°♏16'27	-0°14'02
minimum elong	-5518 Dec 24 j 09:35	23°♏16'27	0°14'17
behind sun begin	-5518 Dec 24 j 06:11	23°♏15'22	
behind sun end	-5518 Dec 24 j 12:59	23°♏17'31	
max. Earth dist.	-5518 Dec 24 j 02:04	23°♏14'04	10.29687 AU
morning rise	-5517 Jan 10 j 19:03	25°♏28'54	
	-5517 Feb 19 j 09:15	0°♐	
retrograde	-5517 Apr 27 j 19:47	3°♐37'17	
opposition	-5517 Jul 06 j 08:26	0°♐08'23	-0°38'43
min. Earth dist.	-5517 Jul 06 j 12:40	0°♐07'33	8.22270 AU
	-5517 Jul 08 j 02:34	30°℞♏	
direct	-5517 Sep 11 j 08:51	26°♏44'48	
	-5517 Nov 11 j 12:19	0°♐	
evening set	-5517 Dec 20 j 21:45	4°♐32'07	
conjunction	-5516 Jan 07 j 06:34	6°♐46'17	-0°47'13
minimum elong	-5516 Jan 07 j 06:32	6°♐46'16	0°47'30
max. Earth dist.	-5516 Jan 07 j 03:00	6°♐45'07	10.15378 AU
morning rise	-5516 Jan 24 j 20:44	9°♐02'13	
retrograde	-5516 May 11 j 13:35	17°♐22'21	
opposition	-5516 Jul 19 j 12:04	13°♐51'59	-1°19'28
min. Earth dist.	-5516 Jul 19 j 12:31	13°♐51'54	8.08820 AU
direct	-5516 Sep 23 j 22:31	10°♐27'03	
evening set	-5515 Jan 03 j 04:19	18°♐25'21	
conjunction	-5515 Jan 20 j 17:21	20°♐42'38	-1°18'38
minimum elong	-5515 Jan 20 j 17:18	20°♐42'37	1°18'57
max. Earth dist.	-5515 Jan 20 j 17:56	20°♐42'50	10.02884 AU
morning rise	-5515 Feb 07 j 11:44	23°♐01'42	
	-5515 Apr 14 j 14:24	0°♑	
retrograde	-5515 May 26 j 15:11	1°♑31'46	
	-5515 Jul 08 j 00:55	30°℞♐	
opposition	-5515 Aug 02 j 22:43	28°♐00'19	-1°56'44
min. Earth dist.	-5515 Aug 02 j 19:41	28°♐00'56	7.97616 AU
direct	-5515 Oct 07 j 22:41	24°♐34'02	
	-5515 Dec 27 j 06:23	0°♑	
evening set	-5514 Jan 17 j 24:00	2°♑42'44	
conjunction	-5514 Feb 04 j 16:49	5°♑02'41	-1°46'00
minimum elong	-5514 Feb 04 j 16:45	5°♑02'39	1°46'20
max. Earth dist.	-5514 Feb 04 j 22:00	5°♑04'24	9.93008 AU
morning rise	-5514 Feb 22 j 14:38	7°♑24'14	
retrograde	-5514 Jun 10 j 20:47	16°♑01'28	
opposition	-5514 Aug 17 j 14:40	12°♑29'22	-2°27'34
min. Earth dist.	-5514 Aug 17 j 08:18	12°♑30'42	7.89408 AU
direct	-5514 Oct 22 j 09:19	9°♑01'51	
evening set	-5513 Feb 02 j 06:54	17°♑19'26	
conjunction	-5513 Feb 20 j 03:07	19°♑41'22	-2°07'07
minimum elong	-5513 Feb 20 j 03:04	19°♑41'21	2°07'26
max. Earth dist.	-5513 Feb 20 j 13:01	19°♑44'40	9.86459 AU
morning rise	-5513 Mar 10 j 03:35	22°♑04'38	
	-5513 May 28 j 09:52	0°♒	
retrograde	-5513 Jun 26 j 03:27	0°♒45'18	
	-5513 Jul 24 j 22:14	30°℞♑	
opposition	-5513 Sep 01 j 09:40	27°♑13'01	-2°49'14
min. Earth dist.	-5513 Sep 01 j 00:13	27°♑15'00	7.84794 AU
direct	-5513 Nov 06 j 03:02	23°♑44'25	
	-5512 Feb 01 j 02:37	0°♒	
evening set	-5512 Feb 17 j 21:49	2°♒08'27	
conjunction	-5512 Mar 06 j 20:56	4°♒31'35	-2°20'07
minimum elong	-5512 Mar 06 j 20:55	4°♒31'34	2°20'24
max. Earth dist.	-5512 Mar 07 j 11:18	4°♒36'23	9.83739 AU
morning rise	-5512 Mar 24 j 23:09	6°♒55'39	
	-5512 Jun 15 j 04:45	15°♒	
retrograde	-5512 Jul 10 j 08:39	15°♒35'24	
	-5512 Aug 04 j 14:26	15°℞♒	
opposition	-5512 Sep 15 j 05:13	12°♒03'29	-2°59'47
min. Earth dist.	-5512 Sep 14 j 16:53	12°♒06'04	7.84122 AU
direct	-5512 Nov 20 j 01:36	8°♒34'03	
	-5511 Feb 16 j 19:34	15°♒	
evening set	-5511 Mar 04 j 16:35	17°♒01'18	
conjunction	-5511 Mar 22 j 17:56	19°♒24'45	-2°23'52
minimum elong	-5511 Mar 22 j 17:56	19°♒24'45	2°24'06
max. Earth dist.	-5511 Mar 23 j 12:04	19°♒30'47	9.85071 AU
morning rise	-5511 Apr 09 j 20:57	21°♒48'39	
	-5511 Jul 05 j 04:47	0°♓	
retrograde	-5511 Jul 25 j 08:58	0°♓23'07	
	-5511 Aug 14 j 15:32	30°℞♒	
opposition	-5511 Sep 29 j 22:36	26°♒52'02	-2°58'17
min. Earth dist.	-5511 Sep 29 j 07:54	26°♒55'07	7.87460 AU

Attention, astronomical year style is used: The year -5511 in astronomical counting style is the year 5512 BCE in historical counting style.

direct	-5511 Dec 05 j 01:54	23°♒22'07		
	-5510 Mar 06 j 02:44	0°♓		
evening set	-5510 Mar 20 j 10:36	1°♓49'00		
conjunction	-5510 Apr 07 j 13:25	4°♓11'50	-2°18'08	
minimum elong	-5510 Apr 07 j 13:27	4°♓11'51	2°18'18	
max. Earth dist.	-5510 Apr 08 j 10:06	4°♓18'41	9.90383 AU	
morning rise	-5510 Apr 25 j 16:25	6°♓34'40		
retrograde	-5510 Aug 09 j 02:10	14°♓59'59		
opposition	-5510 Oct 14 j 11:21	11°♓30'08	-2°45'09	
min. Earth dist.	-5510 Oct 13 j 19:20	11°♓33'29	7.94581 AU	
direct	-5510 Dec 20 j 01:26	8°♓00'04		
evening set	-5509 Apr 04 j 23:36	16°♓23'06		
conjunction	-5509 Apr 23 j 02:59	18°♓44'31	-2°03'39	
minimum elong	-5509 Apr 23 j 03:02	18°♓44'32	2°03'44	
max. Earth dist.	-5509 Apr 24 j 00:39	18°♓51'36	9.99284 AU	
morning rise	-5509 May 11 j 05:02	21°♓05'26		
retrograde	-5509 Aug 23 j 09:41	29°♓18'42		
opposition	-5509 Oct 28 j 17:32	25°♓50'27	-2°21'53	
min. Earth dist.	-5509 Oct 28 j 01:29	25°♓53'47	8.04959 AU	
direct	-5508 Jan 03 j 22:15	22°♓20'34		
	-5508 Apr 14 j 06:45	0°♈		
evening set	-5508 Apr 19 j 04:14	0°♈36'51		
conjunction	-5508 May 07 j 06:59	2°♈56'03	-1°41'53	
minimum elong	-5508 May 07 j 07:03	2°♈56'04	1°41'53	
max. Earth dist.	-5508 May 08 j 03:56	3°♈02'48	10.11110 AU	
morning rise	-5508 May 25 j 07:06	5°♈14'21		
retrograde	-5508 Sep 05 j 04:44	13°♈13'56		
opposition	-5508 Nov 10 j 15:38	9°♈47'30	-1°50'49	
min. Earth dist.	-5508 Nov 10 j 01:01	9°♈50'30	8.17865 AU	
direct	-5507 Jan 17 j 13:08	6°♈18'07		
evening set	-5507 May 03 j 21:45	14°♈25'30		
conjunction	-5507 May 21 j 22:41	16°♈41'55	-1°14'47	
minimum elong	-5507 May 21 j 22:44	16°♈41'56	1°14'42	
max. Earth dist.	-5507 May 22 j 17:03	16°♈47'44	10.25030 AU	
morning rise	-5507 Jun 08 j 19:57	18°♈57'08		
retrograde	-5507 Sep 18 j 12:03	26°♈42'36		
opposition	-5507 Nov 24 j 05:00	23°♈18'04	-1°14'33	
min. Earth dist.	-5507 Nov 23 j 16:36	23°♈20'34	8.32421 AU	
direct	-5506 Jan 31 j 20:02	19°♈49'27		
evening set	-5506 May 18 j 02:40	27°♈46'46		
conjunction	-5506 Jun 05 j 00:41	0°♉00'03	-0°44'24	
minimum elong	-5506 Jun 05 j 00:43	0°♉00'03	0°44'15	
	-5506 Jun 05 j 00:33	0°♉		
max. Earth dist.	-5506 Jun 05 j 15:02	0°♉04'31	10.40104 AU	
morning rise	-5506 Jun 22 j 18:21	2°♉11'54		
retrograde	-5506 Oct 01 j 08:48	9°♉43'55		
opposition	-5506 Dec 07 j 09:29	6°♉21'17	-0°35'41	
min. Earth dist.	-5506 Dec 06 j 23:35	6°♉23'15	8.47681 AU	
direct	-5505 Feb 14 j 17:37	2°♉53'41		
evening set	-5505 May 31 j 19:01	10°♉40'43		
conjunction	-5505 Jun 18 j 13:14	12°♉50'42	-0°12'40	
minimum elong	-5505 Jun 18 j 13:14	12°♉50'43	0°12'28	
behind sun begin	-5505 Jun 18 j 08:36	12°♉49'18		
behind sun end	-5505 Jun 18 j 17:52	12°♉52'07		
max. Earth dist.	-5505 Jun 18 j 23:23	12°♉53'49	10.55416 AU	
morning rise	-5505 Jul 06 j 02:31	14°♉59'09		
	-5505 Jul 06 j 05:22	15°♉		
retrograde	-5505 Oct 13 j 19:04	22°♉19'06		
asc. node	-5505 Nov 15 j 18:53	21°♉22'58		
opposition	-5505 Dec 20 j 05:38	18°♉58'17	0°03'34	
min. Earth dist.	-5505 Dec 19 j 22:09	18°♉59'44	8.62825 AU	

direct	-5504 Feb 28 j 06:37	15°♉31'52		
evening set	-5504 Jun 12 j 23:04	23°♉08'58		
conjunction	-5504 Jun 30 j 12:49	25°♉15'40	0°18'49	
minimum elong	-5504 Jun 30 j 12:48	25°♉15'40	0°19'04	
max. Earth dist.	-5504 Jun 30 j 19:30	25°♉17'40	10.70254 AU	
morning rise	-5504 Jul 17 j 21:12	27°♉20'46		
	-5504 Aug 10 j 09:25	0°♊		
retrograde	-5504 Oct 24 j 22:29	4°♊30'23		
opposition	-5504 Dec 31 j 18:38	1°♊11'11	0°41'18	
min. Earth dist.	-5504 Dec 31 j 13:56	1°♊12'05	8.77226 AU	
	-5503 Jan 16 j 12:24	30°℞♉		
direct	-5503 Mar 12 j 09:28	27°♉46'02		
	-5503 May 05 j 00:31	0°♊		
evening set	-5503 Jun 25 j 15:31	5°♊13'48		
conjunction	-5503 Jul 13 j 00:21	7°♊17'22	0°48'32	
minimum elong	-5503 Jul 13 j 00:19	7°♊17'21	0°48'49	
max. Earth dist.	-5503 Jul 13 j 03:45	7°♊18'23	10.84039 AU	
morning rise	-5503 Jul 30 j 03:39	9°♊19'21		
retrograde	-5503 Nov 05 j 19:12	16°♊20'26		
opposition	-5502 Jan 13 j 01:14	13°♊02'36	1°16'05	
min. Earth dist.	-5502 Jan 13 j 00:11	13°♊02'48	8.90337 AU	
direct	-5502 Mar 25 j 02:20	9°♊38'42		
evening set	-5502 Jul 07 j 21:49	16°♊58'06		
conjunction	-5502 Jul 25 j 01:27	18°♊58'47	1°15'28	
minimum elong	-5502 Jul 25 j 01:24	18°♊58'46	1°15'46	
max. Earth dist.	-5502 Jul 25 j 00:29	18°♊58'29	10.96258 AU	
morning rise	-5502 Aug 10 j 23:55	20°♊57'59		
retrograde	-5502 Nov 17 j 07:59	27°♊52'25		
opposition	-5501 Jan 25 j 02:25	24°♊35'40	1°46'48	
min. Earth dist.	-5501 Jan 25 j 04:58	24°♊35'11	9.01669 AU	
direct	-5501 Apr 06 j 13:33	21°♊12'54		
evening set	-5501 Jul 19 j 19:04	28°♊25'06		
	-5501 Aug 02 j 10:13	0°♋		
conjunction	-5501 Aug 05 j 17:40	0°♋23'15	1°38'48	
minimum elong	-5501 Aug 05 j 17:37	0°♋23'14	1°39'07	
max. Earth dist.	-5501 Aug 05 j 12:25	0°♋21'43	11.06477 AU	
morning rise	-5501 Aug 22 j 11:43	2°♋20'06		
retrograde	-5501 Nov 28 j 18:29	9°♋09'51		
opposition	-5500 Feb 05 j 23:36	5°♋53'48	2°12'39	
min. Earth dist.	-5500 Feb 06 j 04:41	5°♋52'52	9.10818 AU	
direct	-5500 Apr 17 j 17:59	2°♋32'07		
evening set	-5500 Jul 30 j 08:28	9°♋38'16		
conjunction	-5500 Aug 16 j 02:37	11°♋34'22	1°57'56	
minimum elong	-5500 Aug 16 j 02:34	11°♋34'21	1°58'15	
max. Earth dist.	-5500 Aug 15 j 18:44	11°♋32'04	11.14351 AU	
morning rise	-5500 Sep 01 j 16:40	13°♋29'20		
retrograde	-5500 Dec 09 j 02:29	20°♋16'17		
opposition	-5499 Feb 16 j 17:58	17°♋00'38	2°33'05	
min. Earth dist.	-5499 Feb 17 j 01:11	16°♋59'19	9.17475 AU	
direct	-5499 Apr 29 j 15:34	13°♋39'54		
evening set	-5499 Aug 10 j 15:56	20°♋41'20		
conjunction	-5499 Aug 27 j 06:18	22°♋35'53	2°12'25	
minimum elong	-5499 Aug 27 j 06:16	22°♋35'52	2°12'44	
max. Earth dist.	-5499 Aug 26 j 20:13	22°♋32'58	11.19626 AU	
morning rise	-5499 Sep 12 j 17:04	24°♋29'29		
	-5499 Nov 10 j 23:00	0°♌		
retrograde	-5499 Dec 20 j 10:57	1°♌15'28		
	-5498 Jan 29 j 23:54	30°℞♋		
opposition	-5498 Feb 28 j 10:37	27°♋59'56	2°47'41	
min. Earth dist.	-5498 Feb 28 j 20:36	27°♋58'06	9.21439 AU	
direct	-5498 May 11 j 08:53	24°♋39'58		

Attention, astronomical year style is used: The year -5498 in astronomical counting style is the year 5499 BCE in historical counting style.

	-5498 Aug 06 j 22:52	0°♌	
evening set	-5498 Aug 21 j 19:06	1°♌38'05	
conjunction	-5498 Sep 07 j 06:20	3°♌31'37	2°21'56
minimum elong	-5498 Sep 07 j 06:18	3°♌31'37	2°22'14
max. Earth dist.	-5498 Sep 06 j 17:10	3°♌27'49	11.22153 AU
morning rise	-5498 Sep 23 j 14:55	5°♌24'27	
retrograde	-5498 Dec 31 j 17:49	12°♌11'15	
opposition	-5497 Mar 12 j 03:07	8°♌55'30	2°56'10
min. Earth dist.	-5497 Mar 12 j 15:51	8°♌53'11	9.22591 AU
direct	-5497 May 22 j 22:06	5°♌36'10	
evening set	-5497 Sep 01 j 19:29	12°♌32'21	
conjunction	-5497 Sep 18 j 04:30	14°♌25'26	2°26'17
minimum elong	-5497 Sep 18 j 04:30	14°♌25'26	2°26'32
max. Earth dist.	-5497 Sep 17 j 12:57	14°♌20'56	11.21867 AU
	-5497 Sep 23 j 03:47	15°♌	
morning rise	-5497 Oct 04 j 11:56	16°♌18'07	
retrograde	-5496 Jan 12 j 04:36	23°♌07'32	
opposition	-5496 Mar 22 j 20:37	19°♌51'16	2°58'19
min. Earth dist.	-5496 Mar 23 j 10:33	19°♌48'43	9.20899 AU
direct	-5496 Jun 02 j 12:02	16°♌32'24	
evening set	-5496 Sep 11 j 18:54	23°♌28'02	
max. Earth dist.	-5496 Sep 27 j 10:47	25°♌16'35	11.18776 AU
conjunction	-5496 Sep 28 j 03:00	25°♌21'18	2°25'18
minimum elong	-5496 Sep 28 j 03:01	25°♌21'19	2°25'30
morning rise	-5496 Oct 14 j 10:12	27°♌14'24	
	-5496 Nov 09 j 00:14	0°♍	
retrograde	-5495 Jan 22 j 19:51	4°♍08'07	
opposition	-5495 Apr 03 j 16:14	0°♍51'04	2°54'00
min. Earth dist.	-5495 Apr 04 j 06:36	0°♍48'26	9.16409 AU
	-5495 Apr 15 j 10:54	30°℞♌	
direct	-5495 Jun 13 j 23:40	27°♌32'30	
	-5495 Aug 09 j 12:49	0°♍	
evening set	-5495 Sep 22 j 19:10	4°♍29'01	
max. Earth dist.	-5495 Oct 08 j 10:35	6°♍18'08	11.12961 AU
conjunction	-5495 Oct 09 j 03:20	6°♍23'03	2°18'57
minimum elong	-5495 Oct 09 j 03:22	6°♍23'04	2°19'06
morning rise	-5495 Oct 25 j 11:26	8°♍17'11	
retrograde	-5494 Feb 03 j 16:09	15°♍16'50	
opposition	-5494 Apr 15 j 15:27	11°♍58'46	2°43'10
min. Earth dist.	-5494 Apr 16 j 06:27	11°♍56'00	9.09248 AU
direct	-5494 Jun 25 j 12:29	8°♍40'17	
evening set	-5494 Oct 03 j 22:17	15°♍39'09	
conjunction	-5494 Oct 20 j 07:22	17°♍34'32	2°07'14
minimum elong	-5494 Oct 20 j 07:24	17°♍34'32	2°07'20
max. Earth dist.	-5494 Oct 19 j 13:23	17°♍29'13	11.04601 AU
morning rise	-5494 Nov 05 j 17:33	19°♍30'18	
retrograde	-5493 Feb 15 j 19:37	26°♍37'28	
opposition	-5493 Apr 27 j 19:27	23°♍18'09	2°25'52
min. Earth dist.	-5493 Apr 28 j 11:04	23°♍15'16	8.99651 AU
direct	-5493 Jul 07 j 04:14	19°♍59'33	
evening set	-5493 Oct 15 j 06:01	27°♍02'11	
conjunction	-5493 Oct 31 j 17:06	28°♍59'28	1°50'18
minimum elong	-5493 Oct 31 j 17:09	28°♍59'29	1°50'20
max. Earth dist.	-5493 Oct 30 j 23:26	28°♍54'11	10.93975 AU
	-5493 Nov 09 j 03:49	0°♎	
morning rise	-5493 Nov 17 j 06:21	0°♎57'27	
retrograde	-5492 Feb 28 j 05:10	8°♎13'38	
opposition	-5492 May 09 j 05:13	4°♎52'51	2°02'18
min. Earth dist.	-5492 May 09 j 20:08	4°♎50'04	8.87957 AU
direct	-5492 Jul 18 j 00:09	1°♎33'53	
evening set	-5492 Oct 25 j 20:14	8°♎41'47	

conjunction	-5492 Nov 11 j 10:22	10°♎41'30	1°28'26
minimum elong	-5492 Nov 11 j 10:25	10°♎41'30	1°28'25
max. Earth dist.	-5492 Nov 10 j 18:37	10°♎36'43	10.81450 AU
morning rise	-5492 Nov 28 j 03:22	12°♎42'10	
retrograde	-5491 Mar 12 j 02:17	20°♎08'43	
opposition	-5491 May 21 j 21:41	16°♎46'17	1°32'53
min. Earth dist.	-5491 May 22 j 10:34	16°♎43'51	8.74587 AU
direct	-5491 Jul 30 j 02:48	13°♎26'47	
evening set	-5491 Nov 06 j 19:10	20°♎41'21	
conjunction	-5491 Nov 23 j 12:55	22°♎43'54	1°02'11
minimum elong	-5491 Nov 23 j 12:57	22°♎43'55	1°02'04
max. Earth dist.	-5491 Nov 22 j 23:04	22°♎39'39	10.67492 AU
morning rise	-5491 Dec 10 j 10:18	24°♎47'42	
	-5490 Jan 28 j 22:41	0°♏	
retrograde	-5490 Mar 25 j 09:52	2°♏25'39	
	-5490 May 21 j 23:22	30°℞♎	
opposition	-5490 Jun 03 j 21:34	29°♎01'31	0°58'19
min. Earth dist.	-5490 Jun 04 j 08:07	28°♎59'30	8.60077 AU
direct	-5490 Aug 11 j 09:49	25°♎41'16	
	-5490 Oct 23 j 14:13	0°♏	
evening set	-5490 Nov 19 j 04:30	3°♏03'53	
conjunction	-5490 Dec 06 j 02:16	5°♏09'36	0°32'19
minimum elong	-5490 Dec 06 j 02:17	5°♏09'36	0°32'08
max. Earth dist.	-5490 Dec 05 j 14:17	5°♏05'52	10.52691 AU
morning rise	-5490 Dec 23 j 04:34	7°♏16'48	
	-5489 Mar 27 j 09:51	15°♏	
retrograde	-5489 Apr 08 j 02:22	15°♏06'54	
	-5489 Apr 19 j 18:55	15°℞♏	
opposition	-5489 Jun 17 j 05:44	11°♏41'02	0°19'44
min. Earth dist.	-5489 Jun 17 j 13:59	11°♏39'26	8.45073 AU
direct	-5489 Aug 24 j 01:33	8°♏19'47	
	-5489 Nov 25 j 01:08	15°♏	
evening set	-5489 Dec 02 j 01:42	15°♏51'40	
desc. node	-5489 Dec 18 j 15:15	17°♏56'45	
conjunction	-5489 Dec 19 j 03:52	18°♏00'44	-0°00'03
minimum elong	-5489 Dec 19 j 03:51	18°♏00'44	0°00'18
behind sun begin	-5489 Dec 18 j 20:45	17°♏58'31	
behind sun end	-5489 Dec 19 j 10:56	18°♏02'57	
max. Earth dist.	-5489 Dec 18 j 18:32	17°♏57'48	10.37713 AU
morning rise	-5488 Jan 05 j 11:15	20°♏11'29	
retrograde	-5488 Apr 21 j 04:51	28°♏13'57	
opposition	-5488 Jun 29 j 22:03	24°♏46'24	-0°21'16
min. Earth dist.	-5488 Jun 30 j 03:50	24°♏45'15	8.30270 AU
direct	-5488 Sep 05 j 03:35	21°♏23'58	
evening set	-5488 Dec 14 j 12:11	29°♏06'01	
	-5488 Dec 21 j 14:27	0°♐	
conjunction	-5488 Dec 31 j 18:53	1°♐18'28	-0°33'22
minimum elong	-5488 Dec 31 j 18:51	1°♐18'28	0°33'39
max. Earth dist.	-5488 Dec 31 j 13:19	1°♐16'41	10.23253 AU
morning rise	-5487 Jan 18 j 07:04	3°♐32'42	
retrograde	-5487 May 05 j 17:21	11°♐47'04	
opposition	-5487 Jul 13 j 22:06	8°♐17'59	-1°02'33
min. Earth dist.	-5487 Jul 14 j 00:54	8°♐17'25	8.16378 AU
direct	-5487 Sep 18 j 14:23	4°♐54'14	
evening set	-5487 Dec 28 j 12:23	12°♐47'00	
conjunction	-5486 Jan 14 j 23:30	15°♐02'41	-1°05'45
minimum elong	-5486 Jan 14 j 23:27	15°♐02'40	1°06'03
max. Earth dist.	-5486 Jan 14 j 22:22	15°♐02'19	10.10026 AU
morning rise	-5486 Feb 01 j 15:58	17°♐20'10	
retrograde	-5486 May 20 j 14:37	25°♐45'16	
opposition	-5486 Jul 28 j 05:31	22°♐14'55	-1°41'33
min. Earth dist.	-5486 Jul 28 j 04:37	22°♐15'06	8.04122 AU

Attention, astronomical year style is used: The year -5486 in astronomical counting style is the year 5487 BCE in historical counting style.

direct	-5486 Oct 02 j 10:37	18°♐49'49	
evening set	-5485 Jan 12 j 02:01	26°♐53'16	
conjunction	-5485 Jan 29 j 17:14	29°♐11'52	-1°35'04
minimum elong	-5485 Jan 29 j 17:10	29°♐11'51	1°35'23
max. Earth dist.	-5485 Jan 29 j 20:46	29°♐13'02	9.98810 AU
	-5485 Feb 04 j 19:13	0°♑	
morning rise	-5485 Feb 16 j 13:24	1°♑32'08	
retrograde	-5485 Jun 04 j 18:22	10°♑05'51	
opposition	-5485 Aug 11 j 19:02	6°♑34'34	-2°15'24
min. Earth dist.	-5485 Aug 11 j 14:15	6°♑35'33	7.94317 AU
direct	-5485 Oct 16 j 16:19	3°♑08'08	
evening set	-5484 Jan 27 j 04:09	11°♑21'20	
conjunction	-5484 Feb 13 j 23:00	13°♑42'16	-1°59'03
minimum elong	-5484 Feb 13 j 22:56	13°♑42'15	1°59'22
max. Earth dist.	-5484 Feb 14 j 07:10	13°♑44'59	9.90452 AU
morning rise	-5484 Mar 02 j 22:07	16°♑04'38	
retrograde	-5484 Jun 19 j 01:10	24°♑43'38	
opposition	-5484 Aug 25 j 12:36	21°♑11'50	-2°41'14
min. Earth dist.	-5484 Aug 25 j 04:19	21°♑13'34	7.87741 AU
direct	-5484 Oct 30 j 05:41	17°♑44'08	
evening set	-5483 Feb 10 j 15:51	26°♑05'03	
conjunction	-5483 Feb 28 j 13:45	28°♑27'36	-2°15'40
minimum elong	-5483 Feb 28 j 13:42	28°♑27'35	2°15'58
max. Earth dist.	-5483 Mar 01 j 02:08	28°♑31'44	9.85645 AU
	-5483 Mar 12 j 03:20	0°♒	
morning rise	-5483 Mar 18 j 15:01	0°♒51'13	
retrograde	-5483 Jul 04 j 08:07	9°♒31'21	
opposition	-5483 Sep 09 j 08:01	5°♒59'31	-2°56'42
min. Earth dist.	-5483 Sep 08 j 20:59	6°♒01'50	7.84931 AU
direct	-5483 Nov 14 j 01:28	2°♒30'41	
evening set	-5482 Feb 26 j 09:01	10°♒56'24	
conjunction	-5482 Mar 16 j 09:21	13°♒19'40	-2°23'27
minimum elong	-5482 Mar 16 j 09:21	13°♒19'40	2°23'43
max. Earth dist.	-5482 Mar 17 j 01:09	13°♒24'56	9.84796 AU
	-5482 Mar 28 j 23:11	15°♒	
morning rise	-5482 Apr 03 j 11:59	15°♒43'37	
retrograde	-5482 Jul 19 j 11:17	24°♒20'28	
opposition	-5482 Sep 24 j 02:29	20°♒49'04	-3°00'25
min. Earth dist.	-5482 Sep 23 j 13:39	20°♒51'46	7.86116 AU
direct	-5482 Nov 29 j 01:15	17°♒19'22	
evening set	-5481 Mar 14 j 03:34	25°♒46'24	
conjunction	-5481 Apr 01 j 05:41	28°♒09'31	-2°21'46
minimum elong	-5481 Apr 01 j 05:43	28°♒09'31	2°21'58
max. Earth dist.	-5481 Apr 01 j 23:46	28°♒15'31	9.87978 AU
	-5481 Apr 15 j 04:09	0°♓	
morning rise	-5481 Apr 19 j 08:50	0°♓32'51	
retrograde	-5481 Aug 03 j 07:32	9°♓02'13	
opposition	-5481 Oct 08 j 17:11	5°♓31'42	-2°52'12
min. Earth dist.	-5481 Oct 08 j 03:16	5°♓34'37	7.91200 AU
direct	-5481 Dec 14 j 02:16	2°♓01'29	
evening set	-5480 Mar 28 j 18:55	10°♓26'19	
conjunction	-5480 Apr 15 j 22:01	12°♓48'23	-2°10'55
minimum elong	-5480 Apr 15 j 22:04	12°♓48'24	2°11'03
max. Earth dist.	-5480 Apr 16 j 17:09	12°♓54'40	9.94931 AU
morning rise	-5480 May 04 j 00:44	15°♓10'13	
retrograde	-5480 Aug 16 j 17:50	23°♓28'47	
min. Earth dist.	-5480 Oct 21 j 11:40	20°♓02'35	7.99784 AU
opposition	-5480 Oct 22 j 02:06	19°♓59'34	-2°33'06
direct	-5480 Dec 28 j 01:48	16°♓29'13	
evening set	-5479 Apr 13 j 02:58	24°♓48'37	

conjunction	-5479 May 01 j 06:02	27°♓08'51	-1°52'06
minimum elong	-5479 May 01 j 06:06	27°♓08'53	1°52'09
max. Earth dist.	-5479 May 02 j 01:10	27°♓15'04	10.05121 AU
morning rise	-5479 May 19 j 07:18	29°♓28'25	
	-5479 May 23 j 11:21	0°♈	
retrograde	-5479 Aug 30 j 16:23	7°♈34'05	
opposition	-5479 Nov 05 j 03:30	4°♈06'27	-2°05'07
min. Earth dist.	-5479 Nov 04 j 13:00	4°♈09'26	8.11251 AU
direct	-5478 Jan 11 j 19:22	0°♈36'22	
evening set	-5478 Apr 28 j 01:02	8°♈47'51	
conjunction	-5478 May 16 j 02:59	11°♈05'37	-1°27'04
minimum elong	-5478 May 16 j 03:03	11°♈05'38	1°27'02
max. Earth dist.	-5478 May 16 j 21:10	11°♈11'26	10.17832 AU
morning rise	-5478 Jun 03 j 01:48	13°♈22'19	
retrograde	-5478 Sep 13 j 04:57	21°♈14'08	
opposition	-5478 Nov 18 j 20:16	17°♈48'15	-1°30'47
min. Earth dist.	-5478 Nov 18 j 06:34	17°♈51'03	8.24838 AU
direct	-5477 Jan 26 j 04:48	14°♈18'47	
evening set	-5477 May 12 j 11:21	22°♈20'47	
conjunction	-5477 May 30 j 11:01	24°♈35'37	-0°57'52
minimum elong	-5477 May 30 j 11:04	24°♈35'37	0°57'45
max. Earth dist.	-5477 May 31 j 03:26	24°♈40'46	10.32237 AU
morning rise	-5477 Jun 17 j 06:25	26°♈49'04	
	-5477 Jul 14 j 14:43	0°♉	
retrograde	-5477 Sep 26 j 07:31	4°♉27'09	
opposition	-5477 Dec 02 j 04:27	1°♉03'08	-0°52'44
min. Earth dist.	-5477 Dec 01 j 16:49	1°♉05'28	8.39716 AU
	-5477 Dec 15 j 12:38	30°℞♈	
direct	-5476 Feb 09 j 05:04	27°♈34'34	
	-5476 Apr 03 j 22:44	0°♉	
evening set	-5476 May 25 j 09:04	5°♉26'20	
conjunction	-5476 Jun 12 j 05:16	7°♉37'55	-0°26'29
minimum elong	-5476 Jun 12 j 05:17	7°♉37'55	0°26'18
max. Earth dist.	-5476 Jun 12 j 18:41	7°♉42'03	10.47490 AU
morning rise	-5476 Jun 29 j 20:28	9°♉47'57	
	-5476 Aug 18 j 02:52	15°♉	
retrograde	-5476 Oct 07 j 22:12	17°♉13'14	
	-5476 Nov 29 j 08:03	15°℞♉	
opposition	-5476 Dec 14 j 04:09	13°♉51'07	-0°13'23
min. Earth dist.	-5476 Dec 13 j 19:21	13°♉52'51	8.55078 AU
direct	-5475 Feb 21 j 21:37	10°♉23'40	
asc. node	-5475 Apr 22 j 14:43	13°♉11'28	
	-5475 May 11 j 09:49	15°♉	
evening set	-5475 Jun 07 j 18:12	18°♉05'11	
conjunction	-5475 Jun 25 j 10:02	20°♉13'24	0°05'21
minimum elong	-5475 Jun 25 j 10:02	20°♉13'23	0°05'35
behind sun begin	-5475 Jun 25 j 03:07	20°♉11'19	
behind sun end	-5475 Jun 25 j 16:57	20°♉15'28	
max. Earth dist.	-5475 Jun 25 j 19:22	20°♉16'13	10.62812 AU
morning rise	-5475 Jul 12 j 20:37	22°♉20'01	
retrograde	-5475 Oct 20 j 03:22	29°♉34'00	
opposition	-5475 Dec 26 j 19:53	26°♉13'40	0°25'12
min. Earth dist.	-5475 Dec 26 j 14:05	26°♉14'47	8.70177 AU
direct	-5474 Mar 07 j 04:53	22°♉47'30	
	-5474 Jun 17 j 21:32	0°♊	
evening set	-5474 Jun 20 j 15:18	0°♊19'14	
conjunction	-5474 Jul 08 j 02:16	2°♊24'11	0°35'54
minimum elong	-5474 Jul 08 j 02:14	2°♊24'10	0°36'11
max. Earth dist.	-5474 Jul 08 j 07:09	2°♊25'39	10.77491 AU
morning rise	-5474 Jul 25 j 08:01	4°♊27'32	
retrograde	-5474 Nov 01 j 01:38	11°♊32'02	
opposition	-5473 Jan 08 j 04:38	8°♊13'16	1°01'24

Attention, astronomical year style is used: The year -5473 in astronomical counting style is the year 5474 BCE in historical counting style.

min. Earth dist.	-5473 Jan 08 j 01:14	8°♊13'55	8.84324 AU	
direct	-5473 Mar 20 j 02:26	4°♊48'30		
evening set	-5473 Jul 03 j 01:31	12°♊11'19		
conjunction	-5473 Jul 20 j 07:26	14°♊13'12	1°04'09	
minimum elong	-5473 Jul 20 j 07:24	14°♊13'12	1°04'27	
max. Earth dist.	-5473 Jul 20 j 08:59	14°♊13'40	10.90893 AU	
morning rise	-5473 Aug 06 j 08:09	16°♊13'35		
retrograde	-5473 Nov 12 j 17:33	23°♊10'31		
opposition	-5472 Jan 20 j 07:37	19°♊53'07	1°33'58	
min. Earth dist.	-5472 Jan 20 j 06:49	19°♊53'16	8.96939 AU	
direct	-5472 Mar 31 j 15:59	16°♊29'44		
evening set	-5472 Jul 14 j 02:09	23°♊44'43		
conjunction	-5472 Jul 31 j 03:05	25°♊43'53	1°29'07	
minimum elong	-5472 Jul 31 j 03:02	25°♊43'52	1°29'26	
max. Earth dist.	-5472 Jul 31 j 01:42	25°♊43'29	11.02501 AU	
morning rise	-5472 Aug 16 j 22:56	27°♊41'39		
	-5472 Sep 06 j 21:08	0°♋		
retrograde	-5472 Nov 23 j 06:39	4°♋32'58		
opposition	-5471 Jan 31 j 06:12	1°♋16'39	2°01'59	
min. Earth dist.	-5471 Jan 31 j 08:43	1°♋16'11	9.07556 AU	
	-5471 Feb 17 j 20:22	30°℞♊		
direct	-5471 Apr 12 j 21:19	27°♊54'36		
	-5471 Jun 04 j 10:29	0°♋		
evening set	-5471 Jul 25 j 18:33	5°♋02'56		
conjunction	-5471 Aug 11 j 14:40	6°♋59'49	1°50'07	
minimum elong	-5471 Aug 11 j 14:38	6°♋59'48	1°50'26	
max. Earth dist.	-5471 Aug 11 j 09:36	6°♋58'20	11.11903 AU	
morning rise	-5471 Aug 28 j 06:20	8°♋55'27		
retrograde	-5471 Dec 04 j 14:19	15°♋43'04		
opposition	-5470 Feb 12 j 01:25	12°♋27'30	2°24'48	
min. Earth dist.	-5470 Feb 12 j 07:32	12°♋26'23	9.15800 AU	
direct	-5470 Apr 24 j 20:25	9°♋06'38		
evening set	-5470 Aug 06 j 04:29	16°♋09'40		
conjunction	-5470 Aug 22 j 20:17	18°♋04'42	2°06'39	
minimum elong	-5470 Aug 22 j 20:15	18°♋04'41	2°06'58	
max. Earth dist.	-5470 Aug 22 j 11:11	18°♋02'04	11.18783 AU	
morning rise	-5470 Sep 08 j 08:30	19°♋58'45		
retrograde	-5470 Dec 15 j 21:44	26°♋44'32		
opposition	-5469 Feb 23 j 18:25	23°♋29'22	2°41'56	
min. Earth dist.	-5469 Feb 24 j 02:59	23°♋27'48	9.21382 AU	
direct	-5469 May 06 j 16:49	20°♋09'29		
evening set	-5469 Aug 17 j 09:17	27°♋08'32		
conjunction	-5469 Sep 02 j 21:42	29°♋02'18	2°18'20	
minimum elong	-5469 Sep 02 j 21:41	29°♋02'18	2°18'38	
max. Earth dist.	-5469 Sep 02 j 10:18	28°♋59'01	11.22912 AU	
	-5469 Sep 11 j 05:33	0°♌		
morning rise	-5469 Sep 19 j 07:10	0°♌55'17		
retrograde	-5469 Dec 27 j 05:41	7°♌41'04		
opposition	-5468 Mar 06 j 10:46	4°♌25'55	2°53'05	
min. Earth dist.	-5468 Mar 06 j 21:05	4°♌24'02	9.24107 AU	
direct	-5468 May 17 j 07:50	1°♌06'52		
evening set	-5468 Aug 27 j 10:32	8°♌03'15		
conjunction	-5468 Sep 12 j 20:30	9°♌56'18	2°24'57	
minimum elong	-5468 Sep 12 j 20:30	9°♌56'18	2°25'12	
max. Earth dist.	-5468 Sep 12 j 07:22	9°♌52'30	11.24131 AU	
morning rise	-5468 Sep 29 j 04:08	11°♌48'49		
	-5468 Oct 29 j 08:28	15°♌		
retrograde	-5467 Jan 06 j 15:44	18°♌36'22		
opposition	-5467 Mar 18 j 03:35	15°♌20'54	2°57'59	
min. Earth dist.	-5467 Mar 18 j 16:16	15°♌18'35	9.23849 AU	
	-5467 Mar 22 j 22:34	15°℞♌		

direct	-5467 May 28 j 20:42	12°♌02'25		
	-5467 Jul 30 j 20:54	15°♌		
evening set	-5467 Sep 07 j 10:17	18°♌57'34		
conjunction	-5467 Sep 23 j 18:37	20°♌50'31	2°26'18	
minimum elong	-5467 Sep 23 j 18:37	20°♌50'31	2°26'30	
max. Earth dist.	-5467 Sep 23 j 02:29	20°♌45'51	11.22354 AU	
morning rise	-5467 Oct 10 j 01:41	22°♌43'11		
retrograde	-5466 Jan 18 j 03:45	29°♌34'12		
opposition	-5466 Mar 29 j 21:55	26°♌18'06	2°56'30	
min. Earth dist.	-5466 Mar 30 j 13:09	26°♌15'19	9.20557 AU	
direct	-5466 Jun 09 j 07:53	22°♌59'56		
evening set	-5466 Sep 18 j 10:04	29°♌55'24		
	-5466 Sep 19 j 02:10	0°♍		
conjunction	-5466 Oct 04 j 17:51	1°♍48'51	2°22'17	
minimum elong	-5466 Oct 04 j 17:53	1°♍48'52	2°22'27	
max. Earth dist.	-5466 Oct 03 j 23:34	1°♍43'31	11.17584 AU	
morning rise	-5466 Oct 21 j 01:28	3°♍42'18		
retrograde	-5465 Jan 29 j 20:36	10°♍38'37		
opposition	-5465 Apr 10 j 19:23	7°♍21'32	2°48'32	
min. Earth dist.	-5465 Apr 11 j 11:50	7°♍18'32	9.14301 AU	
direct	-5465 Jun 20 j 21:28	4°♍03'28		
evening set	-5465 Sep 29 j 11:33	11°♍00'45		
conjunction	-5465 Oct 15 j 20:03	12°♍55'19	2°12'55	
minimum elong	-5465 Oct 15 j 20:06	12°♍55'20	2°13'02	
max. Earth dist.	-5465 Oct 15 j 01:42	12°♍49'55	11.09975 AU	
morning rise	-5465 Nov 01 j 05:08	14°♍50'10		
retrograde	-5464 Feb 10 j 21:36	21°♍53'28		
opposition	-5464 Apr 21 j 21:07	18°♍35'06	2°34'05	
min. Earth dist.	-5464 Apr 22 j 13:12	18°♍32'09	9.05325 AU	
direct	-5464 Jul 01 j 12:37	15°♍16'55		
evening set	-5464 Oct 09 j 17:02	22°♍17'25		
max. Earth dist.	-5464 Oct 25 j 08:52	24°♍08'15	10.99828 AU	
conjunction	-5464 Oct 26 j 03:13	24°♍13'43	1°58'15	
minimum elong	-5464 Oct 26 j 03:16	24°♍13'43	1°58'20	
morning rise	-5464 Nov 11 j 14:49	26°♍10'33		
	-5464 Dec 17 j 10:16	0°♎		
retrograde	-5463 Feb 22 j 04:51	3°♎22'19		
opposition	-5463 May 04 j 04:02	0°♎02'25	2°13'17	
	-5463 May 04 j 17:05	30°℞♍		
min. Earth dist.	-5463 May 04 j 19:50	29°♍59'29	8.93984 AU	
direct	-5463 Jul 13 j 05:13	26°♍43'49		
	-5463 Sep 15 j 18:02	0°♎		
evening set	-5463 Oct 21 j 04:14	3°♎49'04		
conjunction	-5463 Nov 06 j 16:52	5°♎47'36	1°38'33	
minimum elong	-5463 Nov 06 j 16:56	5°♎47'37	1°38'33	
max. Earth dist.	-5463 Nov 05 j 22:22	5°♎42'01	10.87537 AU	
morning rise	-5463 Nov 23 j 08:05	7°♎46'58		
retrograde	-5462 Mar 06 j 20:57	15°♎08'38		
opposition	-5462 May 16 j 17:26	11°♎47'00	1°46'25	
min. Earth dist.	-5462 May 17 j 08:45	11°♎44'07	8.80719 AU	
direct	-5462 Jul 25 j 04:36	8°♎27'42		
evening set	-5462 Nov 01 j 22:57	15°♎39'09		
conjunction	-5462 Nov 18 j 14:52	17°♎40'23	1°14'11	
minimum elong	-5462 Nov 18 j 14:54	17°♎40'24	1°14'07	
max. Earth dist.	-5462 Nov 17 j 21:31	17°♎35'06	10.73573 AU	
morning rise	-5462 Dec 05 j 10:22	19°♎42'47		
retrograde	-5461 Mar 19 j 22:05	27°♎15'35		
opposition	-5461 May 29 j 14:06	23°♎52'03	1°14'03	
min. Earth dist.	-5461 May 30 j 03:59	23°♎49'25	8.66064 AU	
direct	-5461 Aug 06 j 09:48	20°♎31'53		
evening set	-5461 Nov 14 j 03:14	27°♎50'57		

Attention, astronomical year style is used: The year -5461 in astronomical counting style is the year 5462 BCE in historical counting style.

conjunction	-5461 Nov 30 j 23:12	29°♎55'17	0°45'49
minimum elong	-5461 Nov 30 j 23:14	29°♎55'18	0°45'40
max. Earth dist.	-5461 Nov 30 j 08:51	29°♎50'50	10.58499 AU
	-5461 Dec 01 j 14:24	0°♏	
morning rise	-5461 Dec 17 j 23:22	2°♏01'01	
retrograde	-5460 Apr 01 j 09:20	9°♏45'56	
opposition	-5460 Jun 10 j 18:28	6°♏20'27	0°37'07
min. Earth dist.	-5460 Jun 11 j 05:28	6°♏18'20	8.50642 AU
direct	-5460 Aug 17 j 23:07	2°♏59'13	
evening set	-5460 Nov 25 j 18:54	10°♏27'14	
conjunction	-5460 Dec 12 j 19:17	12°♏34'57	0°14'26
minimum elong	-5460 Dec 12 j 19:18	12°♏34'58	0°14'13
behind sun begin	-5460 Dec 12 j 15:50	12°♏33'53	
behind sun end	-5460 Dec 12 j 22:47	12°♏36'03	
max. Earth dist.	-5460 Dec 12 j 08:21	12°♏31'32	10.42971 AU
morning rise	-5460 Dec 30 j 00:23	14°♏44'16	
	-5459 Jan 01 j 03:35	15°♏	
retrograde	-5459 Apr 15 j 08:42	22°♏41'46	
desc. node	-5459 May 27 j 07:37	21°♏17'13	
opposition	-5459 Jun 24 j 07:08	19°♏14'25	-0°03'03
min. Earth dist.	-5459 Jun 24 j 14:35	19°♏12'58	8.35153 AU
direct	-5459 Aug 30 j 20:20	15°♏51'59	
evening set	-5459 Dec 08 j 23:26	23°♏30'03	
conjunction	-5459 Dec 26 j 04:16	25°♏41'14	-0°18'43
minimum elong	-5459 Dec 26 j 04:15	25°♏41'14	0°18'59
max. Earth dist.	-5459 Dec 25 j 20:49	25°♏38'52	10.27724 AU
morning rise	-5458 Jan 12 j 14:16	27°♏54'09	
	-5458 Jan 29 j 19:57	0°♐	
retrograde	-5458 Apr 29 j 18:33	6°♐04'10	
opposition	-5458 Jul 08 j 04:06	2°♐35'07	-0°44'33
min. Earth dist.	-5458 Jul 08 j 07:53	2°♐34'22	8.20379 AU
	-5458 Aug 14 j 00:04	30°℞♏	
direct	-5458 Sep 13 j 01:35	29°♏11'22	
	-5458 Oct 12 j 16:28	0°♐	
evening set	-5458 Dec 22 j 17:46	7°♐00'13	
conjunction	-5457 Jan 09 j 02:58	9°♐14'46	-0°51'47
minimum elong	-5457 Jan 09 j 02:55	9°♐14'45	0°52'05
max. Earth dist.	-5457 Jan 08 j 23:11	9°♐13'32	10.13579 AU
morning rise	-5457 Jan 26 j 17:40	11°♐31'08	
retrograde	-5457 May 14 j 12:53	19°♐52'43	
opposition	-5457 Jul 22 j 08:56	16°♐22'13	-1°24'58
min. Earth dist.	-5457 Jul 22 j 09:20	16°♐22'08	8.07155 AU
direct	-5457 Sep 26 j 17:44	12°♐57'06	
evening set	-5456 Jan 06 j 02:00	20°♐56'51	
conjunction	-5456 Jan 23 j 15:24	23°♐14'30	-1°22'46
minimum elong	-5456 Jan 23 j 15:21	23°♐14'29	1°23'05
max. Earth dist.	-5456 Jan 23 j 16:09	23°♐14'44	10.01366 AU
morning rise	-5456 Feb 10 j 10:15	25°♐33'54	
	-5456 Mar 18 j 18:16	0°♑	
retrograde	-5456 May 28 j 14:03	4°♑05'09	
opposition	-5456 Aug 04 j 20:28	0°♑33'34	-2°01'30
min. Earth dist.	-5456 Aug 04 j 17:28	0°♑34'11	7.96285 AU
	-5456 Aug 11 j 16:27	30°℞♐	
direct	-5456 Oct 09 j 20:35	27°♐07'06	
	-5456 Dec 05 j 08:43	0°♑	
evening set	-5455 Jan 19 j 23:17	5°♑17'05	
conjunction	-5455 Feb 06 j 16:31	7°♑37'18	-1°49'23
minimum elong	-5455 Feb 06 j 16:28	7°♑37'17	1°49'42
max. Earth dist.	-5455 Feb 06 j 22:17	7°♑39'13	9.91865 AU
morning rise	-5455 Feb 24 j 14:40	9°♑59'07	
retrograde	-5455 Jun 12 j 19:06	18°♑37'04	
opposition	-5455 Aug 19 j 12:54	15°♑04'52	-2°31'11
min. Earth dist.	-5455 Aug 19 j 06:17	15°♑06'15	7.88492 AU
direct	-5455 Oct 24 j 07:48	11°♑37'09	
evening set	-5454 Feb 04 j 07:19	19°♑55'43	
conjunction	-5454 Feb 22 j 03:56	22°♑17'51	-2°09'27
minimum elong	-5454 Feb 22 j 03:53	22°♑17'50	2°09'45
max. Earth dist.	-5454 Feb 22 j 14:50	22°♑21'29	9.85763 AU
morning rise	-5454 Mar 12 j 04:32	24°♑41'15	
	-5454 Apr 26 j 08:02	0°♒	
retrograde	-5454 Jun 28 j 02:14	3°♒22'07	
	-5454 Sep 01 j 07:19	30°℞♑	
opposition	-5454 Sep 03 j 08:09	29°♑49'46	-2°51'25
min. Earth dist.	-5454 Sep 02 j 22:00	29°♑51'54	7.84348 AU
direct	-5454 Nov 08 j 01:29	26°♑21'00	
	-5453 Jan 11 j 05:17	0°♒	
evening set	-5453 Feb 19 j 22:45	4°♒45'34	
conjunction	-5453 Mar 09 j 22:13	7°♒08'48	-2°21'12
minimum elong	-5453 Mar 09 j 22:12	7°♒08'47	2°21'29
max. Earth dist.	-5453 Mar 10 j 13:50	7°♒14'01	9.83532 AU
morning rise	-5453 Mar 28 j 00:28	9°♒32'54	
	-5453 May 13 j 12:57	15°♒	
retrograde	-5453 Jul 13 j 07:50	18°♒12'18	
	-5453 Sep 14 j 05:50	15°℞♒	
opposition	-5453 Sep 18 j 03:36	14°♒40'20	-3°00'18
min. Earth dist.	-5453 Sep 17 j 14:20	14°♒43'07	7.84167 AU
direct	-5453 Nov 23 j 00:03	11°♒10'45	
	-5452 Jan 28 j 02:23	15°♒	
evening set	-5452 Mar 06 j 17:40	19°♒38'06	
conjunction	-5452 Mar 24 j 19:18	22°♒01'32	-2°23'37
minimum elong	-5452 Mar 24 j 19:18	22°♒01'32	2°23'50
max. Earth dist.	-5452 Mar 25 j 14:30	22°♒07'55	9.85361 AU
morning rise	-5452 Apr 11 j 22:17	24°♒25'22	
	-5452 May 30 j 00:40	0°♓	
retrograde	-5452 Jul 27 j 08:07	2°♓58'56	
	-5452 Sep 25 j 10:51	30°℞♒	
opposition	-5452 Oct 01 j 20:29	29°♒27'51	-2°57'08
min. Earth dist.	-5452 Oct 01 j 05:11	29°♒31'03	7.87981 AU
direct	-5452 Dec 07 j 00:34	25°♒57'49	
	-5451 Feb 13 j 16:23	0°♓	
evening set	-5451 Mar 22 j 11:19	4°♓24'22	
conjunction	-5451 Apr 09 j 14:16	6°♓47'05	-2°16'36
minimum elong	-5451 Apr 09 j 14:19	6°♓47'06	2°16'45
max. Earth dist.	-5451 Apr 10 j 11:35	6°♓54'08	9.91135 AU
morning rise	-5451 Apr 27 j 17:10	9°♓09'44	
retrograde	-5451 Aug 11 j 00:17	17°♓33'44	
opposition	-5451 Oct 16 j 08:37	14°♓03'58	-2°42'27
min. Earth dist.	-5451 Oct 15 j 16:33	14°♓07'20	7.95532 AU
direct	-5451 Dec 22 j 00:26	10°♓33'50	
evening set	-5450 Apr 06 j 23:20	18°♓56'09	
conjunction	-5450 Apr 25 j 02:40	21°♓17'20	-2°00'59
minimum elong	-5450 Apr 25 j 02:44	21°♓17'21	2°01'03
max. Earth dist.	-5450 Apr 26 j 00:26	21°♓24'26	10.00441 AU
morning rise	-5450 May 13 j 04:35	23°♓37'59	
	-5450 Jul 11 j 05:09	0°♈	
retrograde	-5450 Aug 25 j 05:28	1°♈49'42	
	-5450 Oct 09 j 22:09	30°℞♓	
opposition	-5450 Oct 30 j 13:54	28°♓21'35	-2°17'56
min. Earth dist.	-5450 Oct 29 j 22:16	28°♓24'50	8.06284 AU
direct	-5449 Jan 05 j 20:27	24°♓51'42	
	-5449 Mar 27 j 04:09	0°♈	
evening set	-5449 Apr 22 j 02:43	3°♈06'58	
conjunction	-5449 May 10 j 05:18	5°♈25'52	-1°38'20

Attention, astronomical year style is used: The year -5449 in astronomical counting style is the year 5450 BCE in historical counting style.

minimum elong	-5449 May 10 j 05:22	5°♈25'53	1°38'19
max. Earth dist.	-5449 May 11 j 01:44	5°♈32'26	10.12608 AU
morning rise	-5449 May 28 j 05:15	7°♈43'51	
retrograde	-5449 Sep 07 j 23:08	15°♈41'44	
opposition	-5449 Nov 13 j 10:54	12°♈15'30	-1°45'57
min. Earth dist.	-5449 Nov 12 j 20:40	12°♈18'25	8.19499 AU
direct	-5448 Jan 20 j 10:18	8°♈46'10	
evening set	-5448 May 05 j 18:51	16°♈52'22	
conjunction	-5448 May 23 j 19:29	19°♈08'26	-1°10'38
minimum elong	-5448 May 23 j 19:32	19°♈08'27	1°10'32
max. Earth dist.	-5448 May 24 j 13:08	19°♈14'01	10.26805 AU
morning rise	-5448 Jun 10 j 16:31	21°♈23'16	
retrograde	-5448 Sep 20 j 05:13	29°♈07'02	
opposition	-5448 Nov 25 j 23:10	25°♈42'44	-1°09'09
min. Earth dist.	-5448 Nov 25 j 10:34	25°♈45'16	8.34308 AU
direct	-5447 Feb 02 j 16:24	22°♈14'15	
	-5447 May 18 j 12:31	0°♉	
evening set	-5447 May 19 j 22:10	0°♉10'14	
conjunction	-5447 Jun 06 j 19:49	2°♉23'05	-0°39'56
minimum elong	-5447 Jun 06 j 19:50	2°♉23'06	0°39'46
max. Earth dist.	-5447 Jun 07 j 10:06	2°♉27'32	10.42111 AU
morning rise	-5447 Jun 24 j 13:03	4°♉34'31	
retrograde	-5447 Oct 02 j 23:53	12°♉04'53	
opposition	-5447 Dec 09 j 02:30	8°♉42'28	-0°30'05
min. Earth dist.	-5447 Dec 08 j 15:57	8°♉44'33	8.49778 AU
direct	-5446 Feb 16 j 13:38	5°♉15'03	
evening set	-5446 Jun 02 j 12:46	13°♉00'35	
	-5446 Jun 18 j 21:33	15°♉	
conjunction	-5446 Jun 20 j 06:36	15°♉10'07	-0°08'10
minimum elong	-5446 Jun 20 j 06:35	15°♉10'07	0°07'57
behind sun begin	-5446 Jun 20 j 00:09	15°♉08'10	
behind sun end	-5446 Jun 20 j 13:01	15°♉12'04	
max. Earth dist.	-5446 Jun 20 j 17:20	15°♉13'24	10.57592 AU
morning rise	-5446 Jul 07 j 19:17	17°♉18'06	
asc. node	-5446 Sep 25 j 03:41	24°♉14'21	
retrograde	-5446 Oct 15 j 10:12	24°♉36'28	
opposition	-5446 Dec 21 j 21:24	21°♉15'52	0°09'02
min. Earth dist.	-5446 Dec 21 j 13:46	21°♉17'21	8.65030 AU
direct	-5445 Mar 01 j 23:59	17°♉49'39	
evening set	-5445 Jun 15 j 15:11	25°♉25'14	
conjunction	-5445 Jul 03 j 04:26	27°♉31'30	0°23'09
minimum elong	-5445 Jul 03 j 04:25	27°♉31'29	0°23'24
max. Earth dist.	-5445 Jul 03 j 11:26	27°♉33'36	10.72453 AU
morning rise	-5445 Jul 20 j 12:09	29°♉36'07	
	-5445 Jul 23 j 21:26	0°♊	
retrograde	-5445 Oct 27 j 12:31	6°♊44'19	
opposition	-5444 Jan 03 j 09:17	3°♊25'21	0°46'25
min. Earth dist.	-5444 Jan 03 j 05:21	3°♊26'07	8.79386 AU
direct	-5444 Mar 14 j 00:26	0°♊00'25	
evening set	-5444 Jun 27 j 06:13	7°♊26'50	
conjunction	-5444 Jul 14 j 14:22	9°♊29'58	0°52'31
minimum elong	-5444 Jul 14 j 14:19	9°♊29'57	0°52'48
max. Earth dist.	-5444 Jul 14 j 17:01	9°♊30'45	10.86118 AU
morning rise	-5444 Jul 31 j 17:05	11°♊31'32	
retrograde	-5444 Nov 07 j 06:16	18°♊31'27	
opposition	-5443 Jan 14 j 14:58	15°♊13'51	1°20'40
min. Earth dist.	-5443 Jan 14 j 14:44	15°♊13'54	8.92328 AU
direct	-5443 Mar 26 j 17:48	11°♊50'09	
evening set	-5443 Jul 09 j 11:08	19°♊08'24	
conjunction	-5443 Jul 26 j 14:04	21°♊08'40	1°18'59
minimum elong	-5443 Jul 26 j 14:01	21°♊08'39	1°19'17
max. Earth dist.	-5443 Jul 26 j 11:59	21°♊08'03	10.98117 AU
morning rise	-5443 Aug 12 j 12:04	23°♊07'31	
	-5443 Nov 14 j 05:49	0°♋	
retrograde	-5443 Nov 18 j 19:55	0°♋01'05	
	-5443 Nov 23 j 09:53	30°℞♊	
opposition	-5442 Jan 26 j 15:18	26°♊44'31	1°50'43
min. Earth dist.	-5442 Jan 26 j 17:59	26°♊44'01	9.03399 AU
direct	-5442 Apr 08 j 03:56	23°♊21'59	
	-5442 Jul 16 j 10:09	0°♋	
evening set	-5442 Jul 21 j 07:08	0°♋33'10	
conjunction	-5442 Aug 07 j 05:15	2°♋31'01	1°41'45
minimum elong	-5442 Aug 07 j 05:12	2°♋31'00	1°42'04
max. Earth dist.	-5442 Aug 06 j 23:42	2°♋29'24	11.08038 AU
morning rise	-5442 Aug 23 j 22:47	4°♋27'33	
retrograde	-5442 Nov 30 j 05:26	11°♋16'41	
opposition	-5441 Feb 07 j 11:49	8°♋00'48	2°15'50
min. Earth dist.	-5441 Feb 07 j 16:51	7°♋59'52	9.12208 AU
direct	-5441 Apr 20 j 06:33	4°♋39'20	
evening set	-5441 Aug 01 j 19:42	11°♋44'43	
conjunction	-5441 Aug 18 j 13:27	13°♋40'33	2°00'14
minimum elong	-5441 Aug 18 j 13:24	13°♋40'32	2°00'33
max. Earth dist.	-5441 Aug 18 j 05:34	13°♋38'16	11.15542 AU
morning rise	-5441 Sep 04 j 02:59	15°♋35'16	
retrograde	-5441 Dec 11 j 14:25	22°♋21'52	
opposition	-5440 Feb 19 j 05:49	19°♋06'21	2°35'27
min. Earth dist.	-5440 Feb 19 j 13:50	19°♋04'53	9.18472 AU
direct	-5440 May 01 j 03:55	15°♋45'48	
evening set	-5440 Aug 12 j 02:33	22°♋46'40	
conjunction	-5440 Aug 28 j 16:28	24°♋41'01	2°14'02
minimum elong	-5440 Aug 28 j 16:26	24°♋41'01	2°14'20
max. Earth dist.	-5440 Aug 28 j 05:21	24°♋37'48	11.20407 AU
morning rise	-5440 Sep 14 j 02:58	26°♋34'29	
	-5440 Oct 16 j 19:30	0°♌	
retrograde	-5440 Dec 21 j 20:43	3°♌20'20	
opposition	-5439 Mar 01 j 22:24	0°♌04'52	2°49'12
min. Earth dist.	-5439 Mar 02 j 09:29	0°♌02'50	9.22013 AU
	-5439 Mar 03 j 00:58	30°℞♋	
direct	-5439 May 12 j 19:10	26°♋45'02	
	-5439 Jul 18 j 08:58	0°♌	
evening set	-5439 Aug 23 j 05:10	3°♌42'46	
conjunction	-5439 Sep 08 j 16:03	5°♌36'12	2°22'50
minimum elong	-5439 Sep 08 j 16:02	5°♌36'11	2°23'07
max. Earth dist.	-5439 Sep 08 j 01:48	5°♌32'04	11.22502 AU
morning rise	-5439 Sep 25 j 00:34	7°♌28'58	
retrograde	-5438 Jan 02 j 04:33	14°♌15'54	
opposition	-5438 Mar 13 j 14:46	11°♌00'09	2°56'48
min. Earth dist.	-5438 Mar 14 j 03:53	10°♌57'45	9.22717 AU
direct	-5438 May 24 j 10:39	7°♌40'53	
evening set	-5438 Sep 03 j 05:16	14°♌36'54	
	-5438 Sep 06 j 14:29	15°♌	
conjunction	-5438 Sep 19 j 14:14	16°♌29'58	2°26'26
minimum elong	-5438 Sep 19 j 14:14	16°♌29'58	2°26'40
max. Earth dist.	-5438 Sep 18 j 22:38	16°♌25'27	11.21760 AU
morning rise	-5438 Oct 05 j 21:34	18°♌22'38	
retrograde	-5437 Jan 13 j 16:30	25°♌12'24	
opposition	-5437 Mar 25 j 08:16	21°♌56'04	2°58'04
min. Earth dist.	-5437 Mar 25 j 22:08	21°♌53'32	9.20557 AU
direct	-5437 Jun 04 j 23:18	18°♌37'14	
evening set	-5437 Sep 14 j 04:42	25°♌32'54	
conjunction	-5437 Sep 30 j 12:50	27°♌26'14	2°24'43
minimum elong	-5437 Sep 30 j 12:51	27°♌26'14	2°24'54

Attention, astronomical year style is used: The year -5437 in astronomical counting style is the year 5438 BCE in historical counting style.

max. Earth dist.	-5437 Sep 29 j 20:25	27°♌21'27	11.18204 AU
morning rise	-5437 Oct 16 j 20:01	29°♌19'25	
	-5437 Oct 22 j 19:45	0°♍	
retrograde	-5436 Jan 25 j 07:46	6°♍13'43	
opposition	-5436 Apr 05 j 04:22	2°♍56'32	2°52'51
min. Earth dist.	-5436 Apr 05 j 19:13	2°♍53'49	9.15608 AU
	-5436 May 24 j 19:59	30°℞♌	
direct	-5436 Jun 15 j 10:17	29°♌37'56	
	-5436 Jul 06 j 19:22	0°♍	
evening set	-5436 Sep 24 j 05:14	6°♍34'41	
conjunction	-5436 Oct 10 j 13:25	8°♍28'52	2°17'37
minimum elong	-5436 Oct 10 j 13:27	8°♍28'53	2°17'45
max. Earth dist.	-5436 Oct 09 j 19:32	8°♍23'38	11.11949 AU
morning rise	-5436 Oct 26 j 21:47	10°♍23'11	
retrograde	-5435 Feb 05 j 04:50	17°♍23'39	
opposition	-5435 Apr 17 j 04:11	14°♍05'24	2°41'08
min. Earth dist.	-5435 Apr 17 j 20:11	14°♍02'28	9.08019 AU
direct	-5435 Jun 26 j 23:51	10°♍46'49	
evening set	-5435 Oct 05 j 08:51	17°♍46'09	
conjunction	-5435 Oct 21 j 18:08	19°♍41'45	2°05'10
minimum elong	-5435 Oct 21 j 18:11	19°♍41'46	2°05'15
max. Earth dist.	-5435 Oct 20 j 23:33	19°♍36'15	11.03182 AU
morning rise	-5435 Nov 07 j 04:44	21°♍37'48	
retrograde	-5434 Feb 17 j 07:30	28°♍46'00	
opposition	-5434 Apr 29 j 08:41	25°♍26'26	2°22'57
min. Earth dist.	-5434 Apr 30 j 00:43	25°♍23'28	8.98032 AU
direct	-5434 Jul 08 j 16:03	22°♍07'41	
evening set	-5434 Oct 16 j 17:18	29°♍11'04	
	-5434 Oct 23 j 15:07	0°♎	
max. Earth dist.	-5434 Nov 01 j 11:28	1°♎03'27	10.92184 AU
conjunction	-5434 Nov 02 j 04:49	1°♎08'39	1°47'32
minimum elong	-5434 Nov 02 j 04:52	1°♎08'40	1°47'34
morning rise	-5434 Nov 18 j 18:25	3°♎06'57	
retrograde	-5433 Mar 01 j 20:38	10°♎24'27	
opposition	-5433 May 11 j 19:19	7°♎03'22	1°58'33
min. Earth dist.	-5433 May 12 j 09:52	7°♎00'39	8.85991 AU
direct	-5433 Jul 20 j 14:00	3°♎44'15	
evening set	-5433 Oct 28 j 08:33	10°♎53'04	
conjunction	-5433 Nov 13 j 23:07	12°♎53'10	1°25'03
minimum elong	-5433 Nov 13 j 23:10	12°♎53'11	1°25'00
max. Earth dist.	-5433 Nov 13 j 07:27	12°♎48'25	10.79344 AU
morning rise	-5433 Nov 30 j 16:35	14°♎54'15	
retrograde	-5432 Mar 13 j 19:18	22°♎22'19	
opposition	-5432 May 23 j 12:55	18°♎59'35	1°28'22
min. Earth dist.	-5432 May 24 j 01:30	18°♎57'13	8.72347 AU
direct	-5432 Jul 31 j 15:08	15°♎39'54	
evening set	-5432 Nov 08 j 08:53	22°♎55'39	
conjunction	-5432 Nov 25 j 03:03	24°♎58'38	0°58'14
minimum elong	-5432 Nov 25 j 03:05	24°♎58'39	0°58'07
max. Earth dist.	-5432 Nov 24 j 12:35	24°♎54'11	10.65161 AU
morning rise	-5432 Dec 12 j 01:06	27°♎02'54	
	-5431 Jan 06 j 19:42	0°♏	
retrograde	-5431 Mar 27 j 02:52	4°♏42'34	
opposition	-5431 Jun 05 j 14:03	1°♏18'08	0°53'10
min. Earth dist.	-5431 Jun 06 j 00:52	1°♏16'04	8.57662 AU
	-5431 Jun 23 j 00:42	30°℞♎	
direct	-5431 Aug 12 j 23:58	27°♎57'39	
	-5431 Sep 30 j 20:49	0°♏	
evening set	-5431 Nov 20 j 19:48	5°♏21'43	
conjunction	-5431 Dec 07 j 18:04	7°♏27'55	0°27'56
minimum elong	-5431 Dec 07 j 18:05	7°♏27'56	0°27'45
max. Earth dist.	-5431 Dec 07 j 05:46	7°♏24'05	10.50239 AU
morning rise	-5431 Dec 24 j 21:04	9°♏35'38	
	-5430 Feb 13 j 11:18	15°♏	
retrograde	-5430 Apr 09 j 20:58	17°♏27'36	
	-5430 Jun 06 j 06:06	15°℞♏	
opposition	-5430 Jun 18 j 23:31	14°♏01'27	0°14'08
min. Earth dist.	-5430 Jun 19 j 08:05	13°♏59'47	8.42600 AU
direct	-5430 Aug 25 j 18:01	10°♏39'59	
desc. node	-5430 Oct 28 j 07:58	14°♏04'41	
	-5430 Nov 06 j 06:13	15°♏	
evening set	-5430 Dec 03 j 18:47	18°♏13'29	
conjunction	-5430 Dec 20 j 21:30	20°♏23'04	-0°04'44
minimum elong	-5430 Dec 20 j 21:30	20°♏23'04	0°04'59
behind sun begin	-5430 Dec 20 j 14:34	20°♏20'53	
behind sun end	-5430 Dec 21 j 04:27	20°♏25'15	
max. Earth dist.	-5430 Dec 20 j 12:55	20°♏20'21	10.35264 AU
morning rise	-5429 Jan 07 j 05:29	22°♏34'21	
	-5429 Mar 27 j 12:21	0°♐	
retrograde	-5429 Apr 24 j 01:44	0°♐38'45	
	-5429 May 21 j 20:00	30°℞♏	
opposition	-5429 Jul 02 j 17:15	27°♏10'57	-0°27'04
min. Earth dist.	-5429 Jul 02 j 22:38	27°♏09'53	8.27889 AU
direct	-5429 Sep 07 j 20:49	23°♏48'19	
	-5429 Dec 04 j 21:12	0°♐	
evening set	-5429 Dec 17 j 07:15	1°♐32'06	
conjunction	-5428 Jan 03 j 14:34	3°♐45'04	-0°38'00
minimum elong	-5428 Jan 03 j 14:32	3°♐45'03	0°38'17
max. Earth dist.	-5428 Jan 03 j 10:32	3°♐43'46	10.20977 AU
morning rise	-5428 Jan 21 j 03:12	5°♐59'48	
retrograde	-5428 May 07 j 15:39	14°♐16'02	
opposition	-5428 Jul 15 j 18:40	10°♐46'43	-1°08'13
min. Earth dist.	-5428 Jul 15 j 20:17	10°♐46'24	8.14275 AU
direct	-5428 Sep 20 j 09:31	7°♐22'48	
evening set	-5428 Dec 30 j 09:34	15°♐17'16	
conjunction	-5427 Jan 16 j 21:13	17°♐33'24	-1°10'06
minimum elong	-5427 Jan 16 j 21:10	17°♐33'23	1°10'24
max. Earth dist.	-5427 Jan 16 j 21:33	17°♐33'31	10.08115 AU
morning rise	-5427 Feb 03 j 14:05	19°♐51'18	
retrograde	-5427 May 22 j 14:00	28°♐17'56	
opposition	-5427 Jul 30 j 03:13	24°♐47'23	-1°46'41
min. Earth dist.	-5427 Jul 30 j 01:00	24°♐47'50	8.02461 AU
direct	-5427 Oct 04 j 07:15	21°♐22'08	
evening set	-5426 Jan 14 j 01:07	29°♐27'03	
	-5426 Jan 18 j 06:29	0°♑	
conjunction	-5426 Jan 31 j 16:41	1°♑46'00	-1°38'48
minimum elong	-5426 Jan 31 j 16:37	1°♑45'59	1°39'07
max. Earth dist.	-5426 Jan 31 j 21:03	1°♑47'27	9.97384 AU
morning rise	-5426 Feb 18 j 13:09	4°♑06'35	
retrograde	-5426 Jun 06 j 18:35	12°♑41'21	
opposition	-5426 Aug 13 j 17:35	9°♑09'59	-2°19'33
min. Earth dist.	-5426 Aug 13 j 11:59	9°♑11'08	7.93160 AU
direct	-5426 Oct 18 j 13:11	5°♑43'24	
evening set	-5425 Jan 29 j 04:40	13°♑57'49	
conjunction	-5425 Feb 15 j 23:44	16°♑19'00	-2°01'51
minimum elong	-5425 Feb 15 j 23:41	16°♑18'59	2°02'09
max. Earth dist.	-5425 Feb 16 j 08:13	16°♑21'49	9.89543 AU
morning rise	-5425 Mar 05 j 23:09	18°♑41'36	
retrograde	-5425 Jun 22 j 02:30	27°♑21'09	
opposition	-5425 Aug 28 j 11:44	23°♑49'21	-2°44'02
min. Earth dist.	-5425 Aug 28 j 03:13	23°♑51'08	7.87106 AU
direct	-5425 Nov 02 j 03:31	20°♑21'32	
evening set	-5424 Feb 13 j 17:22	28°♑43'21	

Attention, astronomical year style is used: The year -5424 in astronomical counting style is the year 5425 BCE in historical counting style.

	-5424 Feb 23 j 09:28	0°♒	
conjunction	-5424 Mar 02 j 15:28	1°♒06'02	-2°17'17
minimum elong	-5424 Mar 02 j 15:26	1°♒06'01	2°17'35
max. Earth dist.	-5424 Mar 03 j 03:51	1°♒10'10	9.85272 AU
morning rise	-5424 Mar 20 j 17:01	3°♒29'47	
retrograde	-5424 Jul 06 j 09:32	12°♒09'55	
opposition	-5424 Sep 11 j 07:22	8°♒38'11	-2°57'54
min. Earth dist.	-5424 Sep 10 j 20:25	8°♒40'28	7.84833 AU
direct	-5424 Nov 16 j 01:08	5°♒09'17	
evening set	-5423 Feb 28 j 11:09	13°♒35'29	
	-5423 Mar 11 j 03:14	15°♒	
conjunction	-5423 Mar 18 j 11:39	15°♒58'47	-2°23'44
minimum elong	-5423 Mar 18 j 11:39	15°♒58'47	2°23'59
max. Earth dist.	-5423 Mar 19 j 03:24	16°♒04'02	9.84965 AU
morning rise	-5423 Apr 05 j 14:25	18°♒22'44	
retrograde	-5423 Jul 21 j 11:30	26°♒59'00	
opposition	-5423 Sep 26 j 01:37	23°♒27'47	-2°59'54
min. Earth dist.	-5423 Sep 25 j 12:45	23°♒30'29	7.86553 AU
direct	-5423 Dec 01 j 02:12	19°♒58'05	
evening set	-5422 Mar 16 j 05:33	28°♒25'08	
	-5422 Mar 28 j 06:30	0°♓	
conjunction	-5422 Apr 03 j 07:49	0°♓48'09	-2°20'42
minimum elong	-5422 Apr 03 j 07:51	0°♓48'10	2°20'53
max. Earth dist.	-5422 Apr 04 j 02:05	0°♓54'13	9.88679 AU
morning rise	-5422 Apr 21 j 10:59	3°♓11'22	
retrograde	-5422 Aug 05 j 05:51	11°♓39'40	
opposition	-5422 Oct 10 j 15:49	8°♓09'23	-2°50'01
min. Earth dist.	-5422 Oct 10 j 01:28	8°♓12'24	7.92147 AU
direct	-5422 Dec 16 j 03:29	4°♓39'15	
evening set	-5421 Mar 31 j 20:11	13°♓03'34	
conjunction	-5421 Apr 18 j 23:25	15°♓25'27	-2°08'38
minimum elong	-5421 Apr 18 j 23:29	15°♓25'29	2°08'44
max. Earth dist.	-5421 Apr 19 j 19:05	15°♓31'55	9.96125 AU
morning rise	-5421 May 07 j 02:02	17°♓47'03	
retrograde	-5421 Aug 19 j 14:27	26°♓04'11	
opposition	-5421 Oct 24 j 23:55	22°♓35'13	-2°29'30
min. Earth dist.	-5421 Oct 24 j 08:47	22°♓38'22	8.01185 AU
direct	-5421 Dec 31 j 01:20	19°♓04'59	
evening set	-5420 Apr 15 j 03:19	27°♓23'28	
conjunction	-5420 May 03 j 06:25	29°♓43'26	-1°48'48
minimum elong	-5420 May 03 j 06:29	29°♓43'28	1°48'49
max. Earth dist.	-5420 May 04 j 02:14	29°♓49'52	10.06732 AU
	-5420 May 05 j 09:32	0°♈	
morning rise	-5420 May 21 j 07:23	2°♈02'39	
retrograde	-5420 Sep 01 j 13:12	10°♈06'37	
min. Earth dist.	-5420 Nov 06 j 09:19	6°♈42'20	8.13019 AU
opposition	-5420 Nov 07 j 00:16	6°♈39'15	-2°00'27
direct	-5419 Jan 13 j 17:00	3°♈09'19	
evening set	-5419 Apr 30 j 00:03	11°♈19'35	
conjunction	-5419 May 18 j 01:51	13°♈37'00	-1°23'02
minimum elong	-5419 May 18 j 01:54	13°♈37'01	1°22'59
max. Earth dist.	-5419 May 18 j 20:38	13°♈43'00	10.19763 AU
morning rise	-5419 Jun 05 j 00:13	15°♈53'17	
retrograde	-5419 Sep 15 j 01:10	23°♈43'16	
opposition	-5419 Nov 20 j 16:02	20°♈17'41	-1°25'25
min. Earth dist.	-5419 Nov 20 j 02:29	20°♈20'26	8.26878 AU
direct	-5418 Jan 28 j 01:39	16°♈48'22	
evening set	-5418 May 14 j 08:40	24°♈48'56	
conjunction	-5418 Jun 01 j 07:58	27°♈03'20	-0°53'23
minimum elong	-5418 Jun 01 j 08:01	27°♈03'21	0°53'15
max. Earth dist.	-5418 Jun 02 j 00:26	27°♈08'30	10.34381 AU
morning rise	-5418 Jun 19 j 02:54	29°♈16'21	
	-5418 Jun 25 j 02:28	0°♉	
retrograde	-5418 Sep 28 j 00:45	6°♉52'35	
opposition	-5418 Dec 03 j 23:00	3°♉28'52	-0°47'03
min. Earth dist.	-5418 Dec 03 j 12:02	3°♉31'04	8.41922 AU
direct	-5417 Feb 11 j 02:08	0°♉00'27	
evening set	-5417 May 28 j 04:44	7°♉50'43	
conjunction	-5417 Jun 15 j 00:24	10°♉01'48	-0°21'52
minimum elong	-5417 Jun 15 j 00:25	10°♉01'49	0°21'40
max. Earth dist.	-5417 Jun 15 j 12:59	10°♉05'41	10.49737 AU
morning rise	-5417 Jul 02 j 15:09	12°♉11'23	
	-5417 Jul 27 j 01:46	15°♉	
retrograde	-5417 Oct 10 j 13:32	19°♉34'55	
opposition	-5417 Dec 16 j 21:22	16°♉13'03	-0°07'42
min. Earth dist.	-5417 Dec 16 j 13:06	16°♉14'41	8.57336 AU
	-5416 Jan 01 j 16:36	15°℞♉	
direct	-5416 Feb 24 j 17:31	12°♉45'45	
asc. node	-5416 Feb 29 j 09:43	12°♉46'52	
	-5416 Apr 17 j 19:02	15°♉	
evening set	-5416 Jun 09 j 12:09	20°♉25'44	
conjunction	-5416 Jun 27 j 03:23	22°♉33'29	0°09'51
minimum elong	-5416 Jun 27 j 03:22	22°♉33'28	0°10'06
behind sun begin	-5416 Jun 26 j 21:37	22°♉31'45	
behind sun end	-5416 Jun 27 j 09:06	22°♉35'12	
max. Earth dist.	-5416 Jun 27 j 11:43	22°♉36'00	10.65050 AU
morning rise	-5416 Jul 14 j 13:28	24°♉39'37	
	-5416 Sep 05 j 00:07	0°♊	
retrograde	-5416 Oct 21 j 17:54	1°♊52'02	
	-5416 Dec 08 j 21:28	30°℞♉	
opposition	-5416 Dec 28 j 11:56	28°♉31'53	0°30'36
min. Earth dist.	-5416 Dec 28 j 06:00	28°♉33'02	8.72374 AU
direct	-5415 Mar 08 j 22:44	25°♉05'53	
	-5415 May 30 j 02:17	0°♊	
evening set	-5415 Jun 22 j 07:25	2°♊36'07	
conjunction	-5415 Jul 09 j 17:49	4°♊40'36	0°40'08
minimum elong	-5415 Jul 09 j 17:48	4°♊40'35	0°40'24
max. Earth dist.	-5415 Jul 09 j 22:34	4°♊42'01	10.79617 AU
morning rise	-5415 Jul 26 j 22:57	6°♊43'30	
retrograde	-5415 Nov 02 j 14:37	13°♊46'39	
opposition	-5414 Jan 09 j 19:35	10°♊28'01	1°06'19
min. Earth dist.	-5414 Jan 09 j 16:03	10°♊28'42	8.86365 AU
direct	-5414 Mar 21 j 19:30	7°♊03'24	
evening set	-5414 Jul 04 j 16:06	14°♊24'49	
conjunction	-5414 Jul 21 j 21:29	16°♊26'17	1°07'56
minimum elong	-5414 Jul 21 j 21:26	16°♊26'16	1°08'13
max. Earth dist.	-5414 Jul 21 j 23:14	16°♊26'48	10.92820 AU
morning rise	-5414 Aug 07 j 21:31	18°♊26'14	
retrograde	-5414 Nov 14 j 07:06	25°♊22'02	
opposition	-5413 Jan 21 j 21:31	22°♊04'44	1°38'15
min. Earth dist.	-5413 Jan 21 j 21:25	22°♊04'46	8.98748 AU
direct	-5413 Apr 03 j 06:55	18°♊41'29	
evening set	-5413 Jul 16 j 15:26	25°♊55'14	
conjunction	-5413 Aug 02 j 15:43	27°♊54'02	1°32'21
minimum elong	-5413 Aug 02 j 15:40	27°♊54'01	1°32'39
max. Earth dist.	-5413 Aug 02 j 13:38	27°♊53'25	11.04158 AU
morning rise	-5413 Aug 19 j 11:02	29°♊51'27	
	-5413 Aug 20 j 16:56	0°♋	
retrograde	-5413 Nov 25 j 17:10	6°♋41'51	
opposition	-5412 Feb 02 j 19:17	3°♋25'37	2°05'32
min. Earth dist.	-5412 Feb 02 j 22:50	3°♋24'57	9.09070 AU
direct	-5412 Apr 14 j 10:37	0°♋03'39	

Attention, astronomical year style is used: The year -5412 in astronomical counting style is the year 5413 BCE in historical counting style.

evening set	-5412 Jul 27 j 06:40	7°♋10'58		
conjunction	-5412 Aug 13 j 02:09	9°♋07'31	1°52'43	
minimum elong	-5412 Aug 13 j 02:06	9°♋07'30	1°53'02	
max. Earth dist.	-5412 Aug 12 j 19:51	9°♋05'41	11.13241 AU	
morning rise	-5412 Aug 29 j 17:26	11°♋02'53		
retrograde	-5412 Dec 06 j 01:03	17°♋49'53		
opposition	-5411 Feb 13 j 13:50	14°♋34'21	2°27'32	
min. Earth dist.	-5411 Feb 13 j 20:14	14°♋33'10	9.16973 AU	
direct	-5411 Apr 26 j 10:50	11°♋13'33		
evening set	-5411 Aug 07 j 15:33	18°♋15'46		
conjunction	-5411 Aug 24 j 06:58	20°♋10'34	2°08'34	
minimum elong	-5411 Aug 24 j 06:56	20°♋10'34	2°08'52	
max. Earth dist.	-5411 Aug 23 j 21:40	20°♋07'53	11.19766 AU	
morning rise	-5411 Sep 09 j 18:49	22°♋04'24		
retrograde	-5411 Dec 17 j 08:40	28°♋49'49		
opposition	-5410 Feb 25 j 06:16	25°♋34'39	2°43'50	
min. Earth dist.	-5410 Feb 25 j 14:43	25°♋33'06	9.22179 AU	
direct	-5410 May 08 j 04:50	22°♋14'52		
evening set	-5410 Aug 18 j 19:39	29°♋13'18		
	-5410 Aug 25 j 15:37	0°♌		
conjunction	-5410 Sep 04 j 07:50	1°♌06'55	2°19'32	
minimum elong	-5410 Sep 04 j 07:48	1°♌06'55	2°19'50	
max. Earth dist.	-5410 Sep 03 j 20:32	1°♌03'40	11.23510 AU	
morning rise	-5410 Sep 20 j 16:58	2°♌59'46		
retrograde	-5410 Dec 28 j 17:04	9°♌45'26		
opposition	-5409 Mar 08 j 22:23	6°♌30'17	2°54'05	
min. Earth dist.	-5409 Mar 09 j 09:13	6°♌28'18	9.24514 AU	
direct	-5409 May 19 j 19:18	3°♌11'18		
evening set	-5409 Aug 29 j 20:33	10°♌07'20		
conjunction	-5409 Sep 15 j 06:14	12°♌00'19	2°25'25	
minimum elong	-5409 Sep 15 j 06:13	12°♌00'19	2°25'40	
max. Earth dist.	-5409 Sep 14 j 16:15	11°♌56'16	11.24347 AU	
morning rise	-5409 Oct 01 j 13:47	13°♌52'46		
	-5409 Oct 11 j 15:26	15°♌		
retrograde	-5408 Jan 09 j 02:19	20°♌40'26		
opposition	-5408 Mar 19 j 15:15	17°♌24'57	2°58'06	
min. Earth dist.	-5408 Mar 20 j 04:53	17°♌22'29	9.23889 AU	
	-5408 Apr 25 j 22:16	15°℞♌		
direct	-5408 May 30 j 07:12	14°♌06'32		
	-5408 Jul 03 j 01:17	15°♌		
evening set	-5408 Sep 08 j 20:03	21°♌01'33		
max. Earth dist.	-5408 Sep 24 j 11:25	22°♌49'37	11.22228 AU	
conjunction	-5408 Sep 25 j 04:13	22°♌54'29	2°26'01	
minimum elong	-5408 Sep 25 j 04:14	22°♌54'29	2°26'13	
morning rise	-5408 Oct 11 j 11:23	24°♌47'11		
	-5408 Dec 04 j 21:32	0°♍		
retrograde	-5407 Jan 19 j 14:10	1°♍38'34		
	-5407 Mar 07 j 23:56	30°℞♌		
opposition	-5407 Mar 31 j 09:44	28°♌22'24	2°55'43	
min. Earth dist.	-5407 Apr 01 j 01:09	28°♌19'35	9.20272 AU	
direct	-5407 Jun 10 j 19:22	25°♌04'17		
	-5407 Sep 01 j 16:53	0°♍		
evening set	-5407 Sep 19 j 19:42	1°♍59'46		
max. Earth dist.	-5407 Oct 05 j 09:45	3°♍48'04	11.17145 AU	
conjunction	-5407 Oct 06 j 03:38	3°♍53'18	2°21'16	
minimum elong	-5407 Oct 06 j 03:40	3°♍53'18	2°21'25	
morning rise	-5407 Oct 22 j 11:21	5°♍46'50		
retrograde	-5406 Jan 31 j 09:27	12°♍43'41		
opposition	-5406 Apr 12 j 07:22	9°♍26'31	2°46'51	
min. Earth dist.	-5406 Apr 12 j 23:24	9°♍23'36	9.13699 AU	
direct	-5406 Jun 22 j 08:56	6°♍08'30		
evening set	-5406 Sep 30 j 21:29	13°♍05'57		
max. Earth dist.	-5406 Oct 16 j 11:55	14°♍55'18	11.09214 AU	
conjunction	-5406 Oct 17 j 06:12	15°♍00'41	2°11'10	
minimum elong	-5406 Oct 17 j 06:14	15°♍00'42	2°11'16	
morning rise	-5406 Nov 02 j 15:27	16°♍55'42		
retrograde	-5405 Feb 12 j 09:56	23°♍59'44		
opposition	-5405 Apr 24 j 09:33	20°♍41'17	2°31'32	
min. Earth dist.	-5405 Apr 25 j 01:42	20°♍38'19	9.04394 AU	
direct	-5405 Jul 03 j 22:42	17°♍23'08		
evening set	-5405 Oct 12 j 03:30	24°♍24'04		
conjunction	-5405 Oct 28 j 13:51	26°♍20'34	1°55'48	
minimum elong	-5405 Oct 28 j 13:54	26°♍20'35	1°55'52	
max. Earth dist.	-5405 Oct 27 j 18:39	26°♍14'51	10.98749 AU	
morning rise	-5405 Nov 14 j 01:53	28°♍17'39		
	-5405 Nov 29 j 02:40	0°♎		
retrograde	-5404 Feb 24 j 18:44	5°♎30'25		
opposition	-5404 May 05 j 17:19	2°♎10'27	2°09'53	
min. Earth dist.	-5404 May 06 j 09:45	2°♎07'23	8.92745 AU	
	-5404 Jun 06 j 15:28	30°℞♍		
direct	-5404 Jul 14 j 17:15	28°♍51'50		
	-5404 Aug 20 j 18:30	0°♎		
evening set	-5404 Oct 22 j 15:26	5°♎57'44		
max. Earth dist.	-5404 Nov 07 j 09:26	7°♎50'50	10.86170 AU	
conjunction	-5404 Nov 08 j 04:23	7°♎56'33	1°35'26	
minimum elong	-5404 Nov 08 j 04:26	7°♎56'34	1°35'26	
morning rise	-5404 Nov 24 j 20:08	9°♎56'16		
retrograde	-5403 Mar 08 j 11:02	17°♎19'08		
opposition	-5403 May 18 j 07:33	13°♎57'24	1°42'15	
min. Earth dist.	-5403 May 18 j 23:16	13°♎54'26	8.79213 AU	
direct	-5403 Jul 26 j 16:28	10°♎38'05		
evening set	-5403 Nov 03 j 11:14	17°♎50'25		
max. Earth dist.	-5403 Nov 19 j 10:50	19°♎46'51	10.71958 AU	
conjunction	-5403 Nov 20 j 03:40	19°♎52'00	1°10'30	
minimum elong	-5403 Nov 20 j 03:43	19°♎52'01	1°10'24	
morning rise	-5403 Dec 06 j 23:37	21°♎54'45		
retrograde	-5402 Mar 21 j 13:14	29°♎28'59		
opposition	-5402 May 31 j 05:02	26°♎05'19	1°09'13	
min. Earth dist.	-5402 May 31 j 18:34	26°♎02'44	8.64345 AU	
direct	-5402 Aug 07 j 23:48	22°♎45'06		
	-5402 Nov 14 j 23:33	0°♏		
evening set	-5402 Nov 15 j 16:53	0°♏05'16		
conjunction	-5402 Dec 02 j 13:22	2°♏10'01	0°41'40	
minimum elong	-5402 Dec 02 j 13:24	2°♏10'01	0°41'31	
max. Earth dist.	-5402 Dec 01 j 23:31	2°♏05'42	10.56704 AU	
morning rise	-5402 Dec 19 j 14:00	4°♏16'09		
retrograde	-5401 Apr 04 j 03:33	12°♏02'37		
opposition	-5401 Jun 13 j 10:35	8°♏37'00	0°31'46	
min. Earth dist.	-5401 Jun 13 j 20:51	8°♏35'01	8.48791 AU	
direct	-5401 Aug 20 j 13:33	5°♏15'42		
evening set	-5401 Nov 28 j 10:06	12°♏44'57		
conjunction	-5401 Dec 15 j 10:55	14°♏53'06	0°10'00	
minimum elong	-5401 Dec 15 j 10:55	14°♏53'06	0°09'46	
behind sun begin	-5401 Dec 15 j 05:05	14°♏51'16		
behind sun end	-5401 Dec 15 j 16:46	14°♏54'55		
max. Earth dist.	-5401 Dec 14 j 23:51	14°♏49'37	10.41094 AU	
	-5401 Dec 16 j 08:48	15°♏		
morning rise	-5400 Jan 01 j 16:34	17°♏02'51		
desc. node	-5400 Apr 07 j 16:50	24°♏57'22		
retrograde	-5400 Apr 17 j 04:53	25°♏01'58		
opposition	-5400 Jun 26 j 00:30	21°♏34'28	-0°08'41	
min. Earth dist.	-5400 Jun 26 j 07:37	21°♏33'04	8.33274 AU	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5400 Sep 01 j 10:13	18°♏11'56	
evening set	-5400 Dec 10 j 16:28	25°♏51'23	
conjunction	-5400 Dec 27 j 21:41	28°♏02'59	-0°23'16
minimum elong	-5400 Dec 27 j 21:40	28°♏02'59	0°23'32
max. Earth dist.	-5400 Dec 27 j 13:49	28°♏00'28	10.25877 AU
	-5399 Jan 12 j 04:24	0°♐	
morning rise	-5399 Jan 14 j 08:18	0°♐16'21	
retrograde	-5399 May 01 j 14:26	8°♐27'54	
opposition	-5399 Jul 09 j 22:32	4°♐58'42	-0°50'10
min. Earth dist.	-5399 Jul 10 j 02:30	4°♐57'55	8.18591 AU
direct	-5399 Sep 14 j 18:38	1°♐34'48	
evening set	-5399 Dec 24 j 12:32	9°♐25'07	
conjunction	-5398 Jan 10 j 22:09	11°♐40'04	-0°56'09
minimum elong	-5398 Jan 10 j 22:07	11°♐40'03	0°56'27