Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

conjunction	-2899 Nov 20 j 01:21	6°♏19'37	-0°28'16
minimum elong	-2899 Nov 19 j 23:12	6°♏15'25	0°28'18
	-2899 Dec 20 j 04:27	0°♐	
morning rise	-2898 Jan 26 j 00:56	28°♐53'12	
	-2898 Jan 27 j 11:17	0°♑	
	-2898 Mar 07 j 16:28	0°♒	
	-2898 Apr 17 j 15:27	0°♓	
	-2898 May 31 j 02:54	0°♈	
	-2898 Jul 17 j 05:51	0°♉	
asc. node	-2898 Aug 17 j 15:12	18°♉04'05	
	-2898 Sep 09 j 23:33	0°♊	
retrograde	-2898 Nov 12 j 10:38	18°♊11'48	
opposition	-2898 Dec 22 j 03:14	8°♊41'21	3°57'33
greatest brilliancy	-2898 Dec 22 j 05:32	8°♊39'02	-1.3m
min. Earth dist.	-2898 Dec 23 j 08:23	8°♊12'17	0.67202 AU
	-2897 Jan 18 j 05:44	30°℞♉	
direct	-2897 Feb 01 j 02:24	28°♉45'57	
	-2897 Feb 15 j 16:43	0°♊	
	-2897 May 01 j 18:58	0°♋	
	-2897 Jun 20 j 20:35	0°♌	
	-2897 Aug 04 j 04:03	0°♍	
desc. node	-2897 Aug 27 j 16:48	16°♍59'04	
	-2897 Sep 14 j 04:21	0°♎	
	-2897 Oct 23 j 05:10	0°♏	
evening set	-2897 Nov 24 j 16:58	25°♏32'35	
	-2897 Nov 30 j 08:34	0°♐	
	-2896 Jan 07 j 14:32	0°♑	
conjunction	-2896 Jan 29 j 19:58	17°♑07'12	-1°06'43
minimum elong	-2896 Jan 29 j 20:32	17°♑08'16	1°06'49
	-2896 Feb 15 j 20:33	0°♒	
max. Earth dist.	-2896 Mar 19 j 05:08	23°♒49'04	2.44591 AU
	-2896 Mar 27 j 19:45	0°♓	
morning rise	-2896 Apr 03 j 02:42	4°♓28'30	
	-2896 May 09 j 23:35	0°♈	
	-2896 Jun 24 j 15:16	0°♉	
asc. node	-2896 Jul 04 j 13:17	6°♉17'13	
	-2896 Aug 12 j 08:11	0°♊	
	-2896 Oct 05 j 23:02	0°♋	
retrograde	-2896 Dec 18 j 14:21	22°♋36'09	
opposition	-2895 Jan 25 j 19:41	13°♋54'17	4°55'32
greatest brilliancy	-2895 Jan 26 j 15:03	13°♋35'33	-1.5m
min. Earth dist.	-2895 Jan 30 j 20:59	11°♋57'07	0.62686 AU
direct	-2895 Mar 07 j 22:30	3°♋57'19	
	-2895 May 23 j 22:37	0°♌	
	-2895 Jul 11 j 12:07	0°♍	
desc. node	-2895 Jul 14 j 15:25	2°♍07'15	
	-2895 Aug 22 j 20:56	0°♎	
	-2895 Oct 01 j 11:21	0°♏	
	-2895 Nov 08 j 23:11	0°♐	
	-2895 Dec 17 j 13:12	0°♑	
	-2894 Jan 26 j 04:16	0°♒	
evening set	-2894 Jan 30 j 07:05	3°♒03'01	
	-2894 Mar 08 j 12:29	0°♓	
conjunction	-2894 Mar 29 j 22:19	14°♓59'06	-0°30'43
minimum elong	-2894 Mar 29 j 23:55	15°♓01'52	0°30'44
	-2894 Apr 20 j 21:39	0°♈	
max. Earth dist.	-2894 Apr 29 j 06:41	5°♈37'56	2.56931 AU
morning rise	-2894 May 22 j 15:28	21°♈06'33	
asc. node	-2894 May 22 j 11:31	21°♈00'04	
	-2894 Jun 05 j 07:00	0°♉	
	-2894 Jul 22 j 11:07	0°♊	
	-2894 Sep 09 j 11:46	0°♋	
	-2894 Nov 01 j 00:14	0°♌	
	-2893 Jan 10 j 18:09	0°♍	
retrograde	-2893 Feb 02 j 12:05	2°♍53'13	
	-2893 Feb 23 j 23:58	30°℞♌	
opposition	-2893 Mar 09 j 22:23	25°♌32'52	4°00'00
greatest brilliancy	-2893 Mar 11 j 04:10	25°♌06'22	-2.0m
min. Earth dist.	-2893 Mar 18 j 04:23	22°♌37'32	0.52117 AU
direct	-2893 Apr 17 j 22:45	16°♌35'11	
desc. node	-2893 Jun 01 j 14:19	27°♌51'07	
	-2893 Jun 06 j 05:45	0°♍	
	-2893 Jul 27 j 06:06	0°♎	
	-2893 Sep 07 j 13:23	0°♏	
	-2893 Oct 17 j 12:11	0°♐	
	-2893 Nov 26 j 04:30	0°♑	
	-2892 Jan 05 j 18:45	0°♒	
	-2892 Feb 16 j 23:31	0°♓	
evening set	-2892 Mar 23 j 08:25	24°♓11'11	
	-2892 Apr 01 j 00:40	0°♈	
asc. node	-2892 Apr 08 j 10:34	4°♈55'56	
conjunction	-2892 May 13 j 12:19	27°♈55'06	0°19'51
minimum elong	-2892 May 13 j 11:32	27°♈53'49	0°19'53
	-2892 May 16 j 17:27	0°♉	
max. Earth dist.	-2892 May 25 j 10:35	5°♉37'35	2.64751 AU
morning rise	-2892 Jun 30 j 03:52	28°♉28'56	
	-2892 Jul 02 j 13:09	0°♊	
	-2892 Aug 18 j 22:15	0°♋	
	-2892 Oct 05 j 16:09	0°♌	
	-2892 Nov 23 j 08:04	0°♍	
	-2891 Jan 14 j 05:19	0°♎	
retrograde	-2891 Apr 08 j 14:13	29°♎24'56	
desc. node	-2891 Apr 18 j 14:32	28°♎47'45	
opposition	-2891 May 09 j 17:19	24°♎05'12	-1°28'15
greatest brilliancy	-2891 May 09 j 23:43	24°♎00'39	-2.8m
min. Earth dist.	-2891 May 15 j 02:36	22°♎33'35	0.39773 AU
direct	-2891 Jun 11 j 09:06	18°♎04'04	
	-2891 Jul 26 j 11:11	0°♏	
	-2891 Sep 16 j 02:58	0°♐	
	-2891 Oct 30 j 11:44	0°♑	
	-2891 Dec 12 j 23:14	0°♒	
	-2890 Jan 26 j 04:24	0°♓	
asc. node	-2890 Feb 24 j 08:21	19°♓20'46	
	-2890 Mar 12 j 15:11	0°♈	
	-2890 Apr 28 j 04:26	0°♉	
evening set	-2890 May 04 j 23:37	4°♉20'36	
	-2890 Jun 14 j 06:16	0°♊	
max. Earth dist.	-2890 Jun 18 j 12:20	2°♊42'36	2.67199 AU
conjunction	-2890 Jun 21 j 08:10	4°♊30'44	0°56'40
minimum elong	-2890 Jun 21 j 06:58	4°♊28'48	0°56'44
	-2890 Jul 31 j 03:14	0°♋	
morning rise	-2890 Aug 05 j 12:25	3°♋28'14	
	-2890 Sep 15 j 06:21	0°♌	
	-2890 Oct 30 j 11:01	0°♍	
	-2890 Dec 13 j 20:33	0°♎	
	-2889 Jan 26 j 21:14	0°♏	
desc. node	-2889 Mar 06 j 14:59	26°♏03'21	
	-2889 Mar 12 j 15:04	0°♐	
	-2889 May 01 j 10:52	0°♑	
retrograde	-2889 Jun 25 j 11:09	16°♑57'27	
min. Earth dist.	-2889 Jul 22 j 00:03	12°♑26'51	0.40403 AU
greatest brilliancy	-2889 Jul 27 j 05:52	10°♑52'42	-2.7m
opposition	-2889 Jul 28 j 15:30	10°♑27'20	-6°36'18
direct	-2889 Aug 28 j 03:23	4°♑56'23	
	-2889 Nov 10 j 07:12	0°♒	
	-2888 Jan 01 j 10:21	0°♓	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

asc. node	-2888 Jan 12 j 06:38	6°♓33'52	
	-2888 Feb 19 j 11:50	0°♈	
	-2888 Apr 07 j 22:22	0°♉	
	-2888 May 25 j 21:23	0°♊	
evening set	-2888 Jun 11 j 10:08	10°♊27'59	
max. Earth dist.	-2888 Jul 11 j 09:18	29°♊40'52	2.64231 AU
	-2888 Jul 11 j 21:07	0°♋	
conjunction	-2888 Jul 27 j 19:10	10°♋22'06	1°10'48
minimum elong	-2888 Jul 27 j 19:07	10°♋22'02	1°10'52
	-2888 Aug 26 j 09:43	0°♌	
morning rise	-2888 Sep 11 j 14:38	10°♌57'19	
	-2888 Oct 09 j 05:48	0°♍	
	-2888 Nov 20 j 11:36	0°♎	
	-2888 Dec 31 j 10:52	0°♏	
desc. node	-2887 Jan 21 j 13:55	15°♏43'05	
	-2887 Feb 09 j 16:35	0°♐	
	-2887 Mar 22 j 01:50	0°♑	
	-2887 May 03 j 06:33	0°♒	
	-2887 Jun 20 j 22:32	0°♓	
retrograde	-2887 Aug 17 j 03:27	17°♓55'11	
min. Earth dist.	-2887 Sep 17 j 01:52	11°♓23'13	0.52627 AU
opposition	-2887 Sep 24 j 09:53	8°♓36'31	-2°57'50
greatest brilliancy	-2887 Sep 23 j 16:29	8°♓53'01	-2.0m
direct	-2887 Oct 29 j 07:05	0°♓55'13	
asc. node	-2887 Nov 29 j 06:22	6°♓13'20	
	-2886 Jan 22 j 15:19	0°♈	
	-2886 Mar 17 j 13:56	0°♉	
	-2886 May 06 j 16:18	0°♊	
	-2886 Jun 23 j 10:35	0°♋	
evening set	-2886 Jul 20 j 06:59	17°♋31'06	
	-2886 Aug 07 j 22:44	0°♌	
max. Earth dist.	-2886 Aug 08 j 05:32	0°♌11'29	2.56169 AU
conjunction	-2886 Sep 06 j 15:03	20°♌25'02	0°54'20
minimum elong	-2886 Sep 06 j 16:36	20°♌27'44	0°54'23
	-2886 Sep 20 j 05:11	0°♍	
morning rise	-2886 Oct 27 j 08:19	26°♍55'34	
	-2886 Oct 31 j 11:56	0°♎	
desc. node	-2886 Dec 09 j 13:53	29°♎28'05	
	-2886 Dec 10 j 06:35	0°♏	
	-2885 Jan 18 j 05:00	0°♐	
	-2885 Feb 26 j 02:24	0°♑	
	-2885 Apr 06 j 22:34	0°♒	
	-2885 May 19 j 01:40	0°♓	
	-2885 Jul 05 j 03:06	0°♈	
	-2885 Sep 18 j 18:42	0°♉	
retrograde	-2885 Sep 25 j 21:50	0°♉20'16	
	-2885 Oct 02 j 21:37	30°℞♈	
asc. node	-2885 Oct 17 j 05:48	27°♈11'12	
min. Earth dist.	-2885 Oct 31 j 19:27	21°♈59'40	0.62791 AU
opposition	-2885 Nov 04 j 20:31	20°♈22'32	0°44'44
greatest brilliancy	-2885 Nov 04 j 17:29	20°♈25'34	-1.6m
direct	-2885 Dec 13 j 05:50	11°♈20'10	
	-2884 Feb 16 j 23:12	0°♉	
	-2884 Apr 14 j 02:22	0°♊	
	-2884 Jun 03 j 00:04	0°♋	
	-2884 Jul 19 j 03:22	0°♌	
	-2884 Aug 31 j 08:15	0°♍	
evening set	-2884 Sep 01 j 16:36	0°♍57'55	
max. Earth dist.	-2884 Sep 17 j 17:01	12°♍34'06	2.44191 AU
	-2884 Oct 11 j 04:52	0°♎	
conjunction	-2884 Oct 26 j 12:30	11°♎36'10	-0°00'00
minimum elong	-2884 Oct 26 j 12:29	11°♎36'08	0°00'02
behind sun begin	-2884 Oct 25 j 15:30	10°♎56'10	
behind sun end	-2884 Oct 27 j 09:29	12°♎16'09	
desc. node	-2884 Oct 26 j 12:30	11°♎36'10	
	-2884 Nov 19 j 09:51	0°♏	
morning rise	-2884 Dec 27 j 19:09	0°♐01'19	
	-2884 Dec 27 j 18:28	0°♐	
	-2883 Feb 04 j 03:19	0°♑	
	-2883 Mar 15 j 09:39	0°♒	
	-2883 Apr 25 j 10:55	0°♓	
	-2883 Jun 08 j 06:55	0°♈	
	-2883 Jul 26 j 18:47	0°♉	
asc. node	-2883 Sep 03 j 05:19	20°♉02'58	
	-2883 Sep 28 j 15:12	0°♊	
retrograde	-2883 Oct 29 j 22:35	5°♊23'54	
	-2883 Nov 27 j 17:21	30°℞♉	
opposition	-2883 Dec 08 j 22:24	25°♉40'38	3°16'17
greatest brilliancy	-2883 Dec 08 j 20:08	25°♉42'54	-1.3m
min. Earth dist.	-2883 Dec 08 j 15:40	25°♉47'23	0.67201 AU
direct	-2882 Jan 18 j 10:40	15°♉54'43	
	-2882 Mar 14 j 20:47	0°♊	
	-2882 May 11 j 20:35	0°♋	
	-2882 Jun 29 j 02:06	0°♌	
	-2882 Aug 11 j 20:56	0°♍	
desc. node	-2882 Sep 13 j 09:57	23°♍44'52	
	-2882 Sep 21 j 17:54	0°♎	
evening set	-2882 Oct 28 j 23:04	28°♎35'37	
	-2882 Oct 30 j 18:20	0°♏	
	-2882 Dec 07 j 21:54	0°♐	
conjunction	-2881 Jan 01 j 22:53	19°♐42'14	-1°01'57
minimum elong	-2881 Jan 01 j 20:35	19°♐37'45	1°02'02
	-2881 Jan 15 j 03:21	0°♑	
max. Earth dist.	-2881 Feb 15 j 09:15	24°♑00'32	2.39534 AU
	-2881 Feb 23 j 07:49	0°♒	
morning rise	-2881 Mar 10 j 19:57	11°♒32'52	
	-2881 Apr 05 j 05:17	0°♓	
	-2881 May 18 j 09:19	0°♈	
	-2881 Jul 03 j 08:38	0°♉	
asc. node	-2881 Jul 22 j 05:27	11°♉41'26	
	-2881 Aug 22 j 08:39	0°♊	
	-2881 Oct 22 j 21:46	0°♋	
retrograde	-2881 Dec 04 j 12:44	9°♋03'55	
opposition	-2880 Jan 12 j 11:22	29°♊59'58	4°42'26
	-2880 Jan 12 j 11:19	30°℞♊	
greatest brilliancy	-2880 Jan 12 j 23:35	29°♊47'58	-1.4m
min. Earth dist.	-2880 Jan 16 j 00:55	28°♊36'01	0.65224 AU
direct	-2880 Feb 22 j 17:52	19°♊58'52	
	-2880 Apr 07 j 06:26	0°♋	
	-2880 Jun 04 j 12:14	0°♌	
	-2880 Jul 20 j 15:03	0°♍	
desc. node	-2880 Jul 31 j 08:11	7°♍29'44	
	-2880 Aug 31 j 06:11	0°♎	
	-2880 Oct 09 j 12:56	0°♏	
	-2880 Nov 16 j 19:56	0°♐	
	-2880 Dec 25 j 05:29	0°♑	
evening set	-2879 Jan 05 j 06:41	8°♑30'55	
	-2879 Feb 02 j 15:40	0°♒	
conjunction	-2879 Mar 08 j 14:57	24°♒52'29	-0°49'34
minimum elong	-2879 Mar 08 j 17:18	24°♒56'42	0°49'36
	-2879 Mar 15 j 19:05	0°♓	
max. Earth dist.	-2879 Apr 16 j 02:55	21°♓53'18	2.52530 AU
	-2879 Apr 28 j 00:34	0°♈	
morning rise	-2879 May 05 j 00:53	4°♈43'43	
asc. node	-2879 Jun 08 j 04:15	27°♈15'24	
	-2879 Jun 12 j 09:59	0°♉	
	-2879 Jul 29 j 22:55	0°♊	
	-2879 Sep 18 j 06:56	0°♋	
	-2879 Nov 14 j 20:47	0°♌	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

retrograde	-2878 Jan 13 j 23:39	16°♌11'58	
opposition	-2878 Feb 19 j 17:11	8°♌14'14	4°41'35
greatest brilliancy	-2878 Feb 20 j 21:46	7°♌47'40	-1.8m
min. Earth dist.	-2878 Feb 26 j 22:23	5°♌33'48	0.56884 AU
	-2878 Mar 18 j 01:04	30°℞♋	
direct	-2878 Mar 31 j 22:32	28°♋42'00	
	-2878 Apr 15 j 07:24	0°♌	
desc. node	-2878 Jun 18 j 07:46	26°♌59'46	
	-2878 Jun 23 j 08:41	0°♍	
	-2878 Aug 07 j 15:01	0°♎	
	-2878 Sep 17 j 08:08	0°♏	
	-2878 Oct 26 j 11:21	0°♐	
	-2878 Dec 04 j 13:33	0°♑	
	-2877 Jan 13 j 15:44	0°♒	
	-2877 Feb 24 j 10:12	0°♓	
evening set	-2877 Mar 05 j 08:58	6°♓15'12	
	-2877 Apr 09 j 03:16	0°♈	
asc. node	-2877 Apr 26 j 02:05	11°♈17'55	
conjunction	-2877 Apr 27 j 22:49	12°♈31'51	0°01'06
minimum elong	-2877 Apr 27 j 22:47	12°♈31'48	0°01'07
behind sun begin	-2877 Apr 27 j 01:38	11°♈56'51	
behind sun end	-2877 Apr 28 j 19:56	13°♈06'44	
max. Earth dist.	-2877 May 16 j 14:57	24°♈47'01	2.62322 AU
	-2877 May 24 j 15:33	0°♉	
morning rise	-2877 Jun 16 j 10:55	14°♉41'18	
	-2877 Jul 10 j 12:15	0°♊	
	-2877 Aug 27 j 07:56	0°♋	
	-2877 Oct 15 j 06:43	0°♌	
	-2877 Dec 06 j 01:38	0°♍	
	-2876 Feb 10 j 14:26	0°♎	
retrograde	-2876 Mar 10 j 16:20	4°♎35'57	
	-2876 Apr 07 j 11:49	30°℞♍	
opposition	-2876 Apr 12 j 10:09	28°♍28'44	1°25'31
greatest brilliancy	-2876 Apr 12 j 22:30	28°♍18'58	-2.5m
min. Earth dist.	-2876 Apr 20 j 09:30	25°♍57'34	0.44097 AU
desc. node	-2876 May 05 j 06:49	22°♍14'20	
direct	-2876 May 18 j 04:03	21°♍05'53	
	-2876 Jun 25 j 08:01	0°♎	
	-2876 Aug 17 j 12:38	0°♏	
	-2876 Sep 29 j 17:42	0°♐	
	-2876 Nov 10 j 05:58	0°♑	
	-2876 Dec 22 j 03:03	0°♒	
	-2875 Feb 03 j 07:06	0°♓	
asc. node	-2875 Mar 13 j 00:44	25°♓21'50	
	-2875 Mar 20 j 01:07	0°♈	
evening set	-2875 Apr 19 j 04:30	19°♈40'59	
	-2875 May 05 j 04:15	0°♉	
conjunction	-2875 Jun 06 j 15:36	20°♉47'34	0°44'41
minimum elong	-2875 Jun 06 j 14:20	20°♉45'32	0°44'45
max. Earth dist.	-2875 Jun 09 j 06:27	22°♉27'51	2.66903 AU
	-2875 Jun 21 j 02:06	0°♊	
morning rise	-2875 Jul 22 j 10:03	19°♊58'59	
	-2875 Aug 07 j 01:56	0°♋	
	-2875 Sep 22 j 16:22	0°♌	
	-2875 Nov 07 j 19:43	0°♍	
	-2875 Dec 23 j 21:18	0°♎	
	-2874 Feb 08 j 22:34	0°♏	
desc. node	-2874 Mar 23 j 07:44	24°♏51'31	
	-2874 Apr 02 j 05:49	0°♐	
retrograde	-2874 May 28 j 06:03	16°♐35'37	
min. Earth dist.	-2874 Jun 25 j 15:56	11°♐58'59	0.37830 AU
opposition	-2874 Jun 28 j 06:07	11°♐16'50	-6°02'28
greatest brilliancy	-2874 Jun 27 j 15:56	11°♐26'28	-2.9m
direct	-2874 Jul 28 j 00:35	6°♐18'04	
	-2874 Oct 05 j 21:30	0°♑	
	-2874 Nov 25 j 08:05	0°♒	
	-2873 Jan 11 j 15:37	0°♓	
asc. node	-2873 Jan 28 j 22:30	11°♓01'23	
	-2873 Feb 27 j 19:05	0°♈	
	-2873 Apr 16 j 07:09	0°♉	
evening set	-2873 May 28 j 16:03	26°♉44'16	
	-2873 Jun 02 j 19:39	0°♊	
max. Earth dist.	-2873 Jul 03 j 01:31	19°♊16'37	2.66044 AU
conjunction	-2873 Jul 14 j 02:22	26°♊22'31	1°08'27
minimum elong	-2873 Jul 14 j 01:45	26°♊21'30	1°08'32
	-2873 Jul 19 j 17:01	0°♋	
morning rise	-2873 Aug 28 j 06:02	25°♋54'05	
	-2873 Sep 03 j 09:56	0°♌	
	-2873 Oct 17 j 16:15	0°♍	
	-2873 Nov 29 j 13:38	0°♎	
	-2872 Jan 10 j 08:42	0°♏	
desc. node	-2872 Feb 08 j 08:25	21°♏04'43	
	-2872 Feb 20 j 14:40	0°♐	
	-2872 Apr 02 j 10:13	0°♑	
	-2872 May 17 j 18:50	0°♒	
retrograde	-2872 Jul 29 j 16:22	27°♒22'36	
min. Earth dist.	-2872 Aug 27 j 10:47	21°♒42'55	0.47601 AU
greatest brilliancy	-2872 Sep 03 j 06:15	19°♒17'10	-2.3m
opposition	-2872 Sep 04 j 11:26	18°♒51'03	-4°38'45
direct	-2872 Oct 07 j 15:07	11°♒56'19	
	-2872 Dec 08 j 19:32	0°♓	
asc. node	-2872 Dec 15 j 20:51	3°♓24'37	
	-2871 Feb 03 j 01:41	0°♈	
	-2871 Mar 26 j 00:05	0°♉	
	-2871 May 14 j 00:53	0°♊	
	-2871 Jun 30 j 09:53	0°♋	
evening set	-2871 Jul 04 j 21:09	2°♋53'29	
max. Earth dist.	-2871 Jul 27 j 15:16	17°♋48'07	2.59900 AU
	-2871 Aug 14 j 21:09	0°♌	
conjunction	-2871 Aug 21 j 00:20	4°♌09'10	1°04'56
minimum elong	-2871 Aug 21 j 01:21	4°♌10'54	1°05'00
	-2871 Sep 27 j 07:50	0°♍	
morning rise	-2871 Oct 08 j 02:45	7°♍39'42	
	-2871 Nov 07 j 22:15	0°♎	
	-2871 Dec 18 j 02:07	0°♏	
desc. node	-2871 Dec 26 j 06:57	6°♏13'16	
	-2870 Jan 26 j 10:00	0°♐	
	-2870 Mar 06 j 16:58	0°♑	
	-2870 Apr 16 j 01:28	0°♒	
	-2870 May 29 j 07:10	0°♓	
	-2870 Jul 19 j 17:05	0°♈	
retrograde	-2870 Sep 11 j 09:02	15°♈19'35	
min. Earth dist.	-2870 Oct 15 j 11:00	7°♈37'20	0.59386 AU
opposition	-2870 Oct 20 j 22:06	5°♈27'41	-0°32'54
greatest brilliancy	-2870 Oct 20 j 19:43	5°♈30'03	-1.7m
asc. node	-2870 Nov 02 j 21:01	0°♈44'43	
	-2870 Nov 05 j 08:35	30°℞♓	
direct	-2870 Nov 27 j 02:37	26°♓51'37	
	-2870 Dec 20 j 16:55	0°♈	
	-2869 Mar 01 j 11:43	0°♉	
	-2869 Apr 23 j 15:35	0°♊	
	-2869 Jun 11 j 11:24	0°♋	
	-2869 Jul 27 j 06:58	0°♌	
evening set	-2869 Aug 15 j 09:06	13°♌03'03	
max. Earth dist.	-2869 Aug 30 j 12:10	23°♌37'46	2.49147 AU
	-2869 Sep 08 j 11:27	0°♍	
conjunction	-2869 Oct 05 j 23:28	19°♍58'25	0°25'28
minimum elong	-2869 Oct 06 j 00:49	20°♍00'55	0°25'28
	-2869 Oct 19 j 11:13	0°♎	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

desc. node	-2869 Nov 13 j 05:18	18°♎44'35	
	-2869 Nov 27 j 20:37	0°♏	
morning rise	-2869 Dec 01 j 22:59	3°♏10'14	
	-2868 Jan 05 j 09:33	0°♐	
	-2868 Feb 12 j 22:03	0°♑	
	-2868 Mar 23 j 07:41	0°♒	
	-2868 May 03 j 14:32	0°♓	
	-2868 Jun 17 j 02:44	0°♈	
	-2868 Aug 07 j 06:27	0°♉	
asc. node	-2868 Sep 19 j 21:38	18°♉16'11	
retrograde	-2868 Oct 16 j 12:31	22°♉21'45	
min. Earth dist.	-2868 Nov 23 j 20:42	13°♉12'02	0.66208 AU
opposition	-2868 Nov 25 j 15:11	12°♉29'22	2°25'22
greatest brilliancy	-2868 Nov 25 j 10:22	12°♉34'12	-1.4m
direct	-2867 Jan 04 j 11:08	2°♉57'07	
	-2867 Mar 28 j 10:52	0°♊	
	-2867 May 20 j 17:13	0°♋	
	-2867 Jul 06 j 20:54	0°♌	
	-2867 Aug 19 j 08:18	0°♍	
	-2867 Sep 29 j 04:13	0°♎	
desc. node	-2867 Sep 30 j 03:31	0°♎43'57	
evening set	-2867 Oct 04 j 15:11	4°♎07'36	
	-2867 Nov 07 j 05:34	0°♏	
max. Earth dist.	-2867 Nov 19 j 20:56	9°♏53'18	2.37736 AU
conjunction	-2867 Dec 05 j 00:08	21°♏47'25	-0°43'06
minimum elong	-2867 Dec 04 j 21:07	21°♏41'29	0°43'07
	-2867 Dec 15 j 10:10	0°♐	
	-2866 Jan 22 j 15:55	0°♑	
morning rise	-2866 Feb 11 j 10:12	15°♑16'01	
	-2866 Mar 02 j 19:51	0°♒	
	-2866 Apr 12 j 16:59	0°♓	
	-2866 May 25 j 23:51	0°♈	
	-2866 Jul 11 j 12:49	0°♉	
asc. node	-2866 Aug 07 j 20:41	16°♉17'54	
	-2866 Sep 01 j 19:49	0°♊	
retrograde	-2866 Nov 20 j 08:10	26°♊02'00	
opposition	-2866 Dec 29 j 19:48	16°♊40'06	4°17'07
greatest brilliancy	-2866 Dec 30 j 01:22	16°♊34'35	-1.3m
min. Earth dist.	-2866 Dec 31 j 21:09	15°♊51'11	0.66765 AU
direct	-2865 Feb 08 j 23:30	6°♊41'22	
	-2865 Apr 24 j 03:39	0°♋	
	-2865 Jun 15 j 03:21	0°♌	
	-2865 Jul 29 j 23:57	0°♍	
desc. node	-2865 Aug 18 j 01:11	13°♍36'46	
	-2865 Sep 09 j 05:26	0°♎	
	-2865 Oct 18 j 08:22	0°♏	
	-2865 Nov 25 j 12:53	0°♐	
evening set	-2865 Dec 10 j 05:33	11°♐33'53	
	-2864 Jan 02 j 19:41	0°♑	
	-2864 Feb 11 j 02:17	0°♒	
conjunction	-2864 Feb 13 j 14:00	1°♒51'46	-1°03'14
minimum elong	-2864 Feb 13 j 15:48	1°♒55'07	1°03'18
	-2864 Mar 23 j 01:47	0°♓	
max. Earth dist.	-2864 Mar 30 j 22:33	5°♓35'25	2.47502 AU
morning rise	-2864 Apr 15 j 09:06	16°♓24'33	
	-2864 May 05 j 04:49	0°♈	
	-2864 Jun 19 j 16:25	0°♉	
asc. node	-2864 Jun 24 j 19:39	3°♉17'14	
	-2864 Aug 06 j 19:44	0°♊	
	-2864 Sep 28 j 07:45	0°♋	
	-2864 Dec 13 j 16:48	0°♌	
retrograde	-2864 Dec 27 j 17:06	1°♌08'43	
	-2863 Jan 10 j 02:39	30°℞♋	
opposition	-2863 Feb 03 j 11:30	22°♋40'59	4°55'59
greatest brilliancy	-2863 Feb 04 j 10:42	22°♋18'48	-1.6m
min. Earth dist.	-2863 Feb 09 j 08:36	20°♋26'24	0.60856 AU
direct	-2863 Mar 16 j 09:41	12°♋49'44	
	-2863 May 14 j 16:28	0°♌	
desc. node	-2863 Jul 04 j 23:58	29°♌54'54	
	-2863 Jul 05 j 03:05	0°♍	
	-2863 Aug 17 j 06:02	0°♎	
	-2863 Sep 26 j 03:57	0°♏	
	-2863 Nov 03 j 20:05	0°♐	
	-2863 Dec 12 j 13:31	0°♑	
	-2862 Jan 21 j 07:28	0°♒	
evening set	-2862 Feb 12 j 08:04	16°♒06'51	
	-2862 Mar 03 j 18:16	0°♓	
conjunction	-2862 Apr 09 j 23:35	25°♓46'52	-0°19'04
minimum elong	-2862 Apr 10 j 00:34	25°♓48'31	0°19'04
	-2862 Apr 16 j 05:09	0°♈	
max. Earth dist.	-2862 May 05 j 23:37	13°♈12'49	2.59077 AU
asc. node	-2862 May 12 j 18:19	17°♈41'29	
morning rise	-2862 May 31 j 23:30	0°♉14'46	
	-2862 May 31 j 14:23	0°♉	
	-2862 Jul 17 j 14:22	0°♊	
	-2862 Sep 04 j 01:58	0°♋	
	-2862 Oct 24 j 22:09	0°♌	
	-2862 Dec 22 j 14:07	0°♍	
retrograde	-2861 Feb 14 j 20:25	13°♍44'45	
opposition	-2861 Mar 21 j 09:19	6°♍48'29	3°18'43
greatest brilliancy	-2861 Mar 22 j 12:15	6°♍25'19	-2.2m
min. Earth dist.	-2861 Mar 29 j 22:09	3°♍52'56	0.49274 AU
	-2861 Apr 12 j 16:36	30°℞♌	
direct	-2861 Apr 28 j 11:50	28°♌17'51	
	-2861 May 14 j 12:46	0°♍	
desc. node	-2861 May 23 j 00:41	2°♍08'06	
	-2861 Jul 18 j 17:28	0°♎	
	-2861 Aug 31 j 19:44	0°♏	
	-2861 Oct 11 j 12:14	0°♐	
	-2861 Nov 20 j 15:33	0°♑	
	-2861 Dec 31 j 13:46	0°♒	
	-2860 Feb 12 j 00:45	0°♓	
	-2860 Mar 27 j 06:30	0°♈	
asc. node	-2860 Mar 29 j 15:37	1°♈34'55	
evening set	-2860 Apr 02 j 11:57	4°♈07'57	
	-2860 May 12 j 02:02	0°♉	
conjunction	-2860 May 22 j 12:55	6°♉44'22	0°29'45
minimum elong	-2860 May 22 j 11:51	6°♉42'40	0°29'48
max. Earth dist.	-2860 May 30 j 23:58	12°♉10'25	2.65763 AU
	-2860 Jun 27 j 21:43	0°♊	
morning rise	-2860 Jul 08 j 08:48	6°♊39'22	
	-2860 Aug 14 j 02:42	0°♋	
	-2860 Sep 30 j 08:53	0°♌	
	-2860 Nov 16 j 21:50	0°♍	
	-2859 Jan 04 j 21:21	0°♎	
	-2859 Feb 28 j 23:33	0°♏	
desc. node	-2859 Apr 09 j 00:23	13°♏54'29	
retrograde	-2859 Apr 26 j 11:59	15°♏44'04	
opposition	-2859 May 26 j 22:03	10°♏40'31	-3°22'04
greatest brilliancy	-2859 May 27 j 04:39	10°♏36'04	-2.9m
min. Earth dist.	-2859 May 29 j 20:58	9°♏52'44	0.38265 AU
direct	-2859 Jun 27 j 01:18	5°♏17'01	
	-2859 Sep 04 j 21:20	0°♐	
	-2859 Oct 22 j 18:51	0°♑	
	-2859 Dec 06 j 17:08	0°♒	
	-2858 Jan 20 j 17:03	0°♓	
asc. node	-2858 Feb 14 j 13:32	16°♓19'23	
	-2858 Mar 07 j 15:01	0°♈	
	-2858 Apr 23 j 10:52	0°♉	
evening set	-2858 May 13 j 18:19	12°♉54'42	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2858 Jun 09 j 15:47	0°♊	
max. Earth dist.	-2858 Jun 23 j 21:29	9°♊04'06	2.67022 AU
conjunction	-2858 Jun 29 j 15:57	12°♊45'12	1°02'05
minimum elong	-2858 Jun 29 j 14:54	12°♊43'31	1°02'10
	-2858 Jul 26 j 12:42	0°♋	
morning rise	-2858 Aug 13 j 16:33	11°♋46'09	
	-2858 Sep 10 j 11:48	0°♌	
	-2858 Oct 25 j 07:31	0°♍	
	-2858 Dec 08 j 01:58	0°♎	
	-2857 Jan 20 j 02:37	0°♏	
desc. node	-2857 Feb 25 j 00:14	25°♏04'36	
	-2857 Mar 04 j 03:03	0°♐	
	-2857 Apr 18 j 05:13	0°♑	
	-2857 Jun 18 j 05:46	0°♒	
retrograde	-2857 Jul 09 j 06:49	2°♒59'55	
	-2857 Jul 29 j 23:30	30°℞♑	
min. Earth dist.	-2857 Aug 05 j 06:06	28°♑09'33	0.42719 AU
greatest brilliancy	-2857 Aug 11 j 09:47	26°♑10'41	-2.6m
opposition	-2857 Aug 12 j 21:30	25°♑41'39	-6°07'53
direct	-2857 Sep 13 j 08:11	19°♑40'54	
	-2857 Oct 27 j 03:44	0°♒	
	-2857 Dec 24 j 23:55	0°♓	
asc. node	-2856 Jan 02 j 12:48	4°♓54'52	
	-2856 Feb 13 j 17:51	0°♈	
	-2856 Apr 02 j 21:19	0°♉	
	-2856 May 21 j 04:10	0°♊	
evening set	-2856 Jun 19 j 22:00	18°♊49'47	
	-2856 Jul 07 j 07:05	0°♋	
max. Earth dist.	-2856 Jul 17 j 05:02	6°♋26'19	2.62911 AU
conjunction	-2856 Aug 05 j 10:05	19°♋03'45	1°10'04
minimum elong	-2856 Aug 05 j 10:27	19°♋04'20	1°10'09
	-2856 Aug 21 j 19:25	0°♌	
morning rise	-2856 Sep 20 j 20:04	20°♌28'38	
	-2856 Oct 04 j 12:18	0°♍	
	-2856 Nov 15 j 12:26	0°♎	
	-2856 Dec 26 j 04:05	0°♏	
desc. node	-2855 Jan 12 j 00:04	12°♏37'41	
	-2855 Feb 04 j 00:29	0°♐	
	-2855 Mar 15 j 21:39	0°♑	
	-2855 Apr 26 j 03:56	0°♒	
	-2855 Jun 10 j 18:27	0°♓	
retrograde	-2855 Aug 26 j 17:57	28°♓45'05	
min. Earth dist.	-2855 Sep 27 j 20:21	21°♓46'39	0.55224 AU
opposition	-2855 Oct 04 j 14:29	19°♓10'04	-2°01'58
greatest brilliancy	-2855 Oct 04 j 03:25	19°♓20'45	-1.9m
direct	-2855 Nov 09 j 09:16	11°♓06'52	
asc. node	-2855 Nov 19 j 12:25	11°♓44'43	
	-2854 Jan 13 j 14:41	0°♈	
	-2854 Mar 11 j 14:49	0°♉	
	-2854 May 01 j 14:20	0°♊	
	-2854 Jun 18 j 16:54	0°♋	
evening set	-2854 Jul 29 j 11:57	26°♋44'54	
	-2854 Aug 03 j 07:50	0°♌	
max. Earth dist.	-2854 Aug 15 j 16:31	8°♌24'53	2.53823 AU
	-2854 Sep 15 j 13:56	0°♍	
conjunction	-2854 Sep 16 j 18:30	0°♍50'51	0°45'30
minimum elong	-2854 Sep 16 j 20:10	0°♍53'49	0°45'32
	-2854 Oct 26 j 18:36	0°♎	
morning rise	-2854 Nov 08 j 09:07	9°♎26'02	
desc. node	-2854 Nov 29 j 22:37	25°♎48'01	
	-2854 Dec 05 j 10:10	0°♏	
	-2853 Jan 13 j 04:57	0°♐	
	-2853 Feb 20 j 22:32	0°♑	
	-2853 Apr 01 j 13:27	0°♒	
	-2853 May 13 j 05:57	0°♓	
	-2853 Jun 27 j 23:34	0°♈	
	-2853 Aug 24 j 17:35	0°♉	
retrograde	-2853 Oct 03 j 21:56	8°♉51'01	
asc. node	-2853 Oct 07 j 12:04	8°♉45'48	
min. Earth dist.	-2853 Nov 09 j 17:49	0°♉11'38	0.64266 AU
	-2853 Nov 10 j 05:27	30°℞♈	
opposition	-2853 Nov 12 j 23:34	28°♈53'39	1°24'46
greatest brilliancy	-2853 Nov 12 j 18:52	28°♈58'21	-1.5m
direct	-2853 Dec 21 j 22:42	19°♈39'14	
	-2852 Feb 06 j 05:23	0°♉	
	-2852 Apr 07 j 23:52	0°♊	
	-2852 May 28 j 20:56	0°♋	
	-2852 Jul 14 j 08:17	0°♌	
	-2852 Aug 26 j 15:32	0°♍	
evening set	-2852 Sep 12 j 23:52	12°♍32'53	
max. Earth dist.	-2852 Oct 02 j 18:59	27°♍12'46	2.41473 AU
	-2852 Oct 06 j 12:05	0°♎	
desc. node	-2852 Oct 16 j 20:22	7°♎49'32	
conjunction	-2852 Nov 09 j 00:55	25°♎38'06	-0°16'06
minimum elong	-2852 Nov 08 j 23:43	25°♎35'47	0°16'08
behind sun begin	-2852 Nov 08 j 19:42	25°♎28'00	
behind sun end	-2852 Nov 09 j 03:44	25°♎43'34	
	-2852 Nov 14 j 15:51	0°♏	
	-2852 Dec 22 j 22:51	0°♐	
morning rise	-2851 Jan 13 j 03:40	16°♐38'51	
	-2851 Jan 30 j 06:17	0°♑	
	-2851 Mar 10 j 11:07	0°♒	
	-2851 Apr 20 j 09:34	0°♓	
	-2851 Jun 02 j 22:28	0°♈	
	-2851 Jul 20 j 10:41	0°♉	
asc. node	-2851 Aug 24 j 12:21	19°♉33'18	
	-2851 Sep 15 j 11:30	0°♊	
retrograde	-2851 Nov 06 j 15:43	13°♊11'43	
opposition	-2851 Dec 16 j 12:30	3°♊35'11	3°41'24
greatest brilliancy	-2851 Dec 16 j 12:34	3°♊35'07	-1.3m
min. Earth dist.	-2851 Dec 17 j 01:45	3°♊21'57	0.67330 AU
	-2851 Dec 25 j 17:34	30°℞♉	
direct	-2850 Jan 26 j 07:53	23°♉43'29	
	-2850 Mar 02 j 03:02	0°♊	
	-2850 May 05 j 12:47	0°♋	
	-2850 Jun 23 j 19:32	0°♌	
	-2850 Aug 06 j 22:37	0°♍	
desc. node	-2850 Sep 03 j 19:22	20°♍11'49	
	-2850 Sep 16 j 22:29	0°♎	
	-2850 Oct 25 j 23:36	0°♏	
evening set	-2850 Nov 12 j 19:47	13°♏59'33	
	-2850 Dec 03 j 02:57	0°♐	
	-2849 Jan 10 j 08:10	0°♑	
conjunction	-2849 Jan 17 j 21:05	5°♑50'57	-1°06'29
minimum elong	-2849 Jan 17 j 20:23	5°♑49'34	1°06'33
	-2849 Feb 18 j 12:31	0°♒	
max. Earth dist.	-2849 Mar 08 j 18:52	13°♒35'08	2.42234 AU
morning rise	-2849 Mar 25 j 00:20	25°♒24'43	
	-2849 Mar 31 j 09:34	0°♓	
	-2849 May 13 j 11:57	0°♈	
	-2849 Jun 28 j 04:48	0°♉	
asc. node	-2849 Jul 12 j 11:01	8°♉58'15	
	-2849 Aug 16 j 07:10	0°♊	
	-2849 Oct 11 j 20:50	0°♋	
retrograde	-2849 Dec 13 j 00:05	17°♋11'08	
opposition	-2848 Jan 20 j 14:17	8°♋18'50	4°51'21
greatest brilliancy	-2848 Jan 21 j 06:28	8°♋03'04	-1.4m
min. Earth dist.	-2848 Jan 25 j 00:01	6°♋36'01	0.63955 AU
	-2848 Feb 14 j 19:07	30°℞♊	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

direct	-2848 Mar 01 j 20:19	28°♊19'06	
	-2848 Mar 18 j 16:33	0°♋	
	-2848 May 28 j 12:20	0°♌	
	-2848 Jul 14 j 22:52	0°♍	
desc. node	-2848 Jul 21 j 18:13	4°♍40'22	
	-2848 Aug 26 j 00:37	0°♎	
	-2848 Oct 04 j 12:03	0°♏	
	-2848 Nov 11 j 21:28	0°♐	
	-2848 Dec 20 j 08:50	0°♑	
evening set	-2847 Jan 19 j 17:18	23°♑09'28	
	-2847 Jan 28 j 20:34	0°♒	
	-2847 Mar 11 j 01:08	0°♓	
conjunction	-2847 Mar 21 j 01:07	7°♓04'00	-0°39'05
minimum elong	-2847 Mar 21 j 03:08	7°♓07'32	0°39'05
	-2847 Apr 23 j 07:16	0°♈	
max. Earth dist.	-2847 Apr 23 j 23:46	0°♈27'55	2.55047 AU
morning rise	-2847 May 15 j 07:46	14°♈44'20	
asc. node	-2847 May 29 j 09:11	23°♈59'02	
	-2847 Jun 07 j 15:11	0°♉	
	-2847 Jul 24 j 21:36	0°♊	
	-2847 Sep 12 j 09:04	0°♋	
	-2847 Nov 05 j 11:43	0°♌	
retrograde	-2846 Jan 24 j 17:46	25°♌53'52	
opposition	-2846 Mar 01 j 19:00	18°♌15'55	4°21'17
greatest brilliancy	-2846 Mar 03 j 00:58	17°♌48'42	-1.9m
min. Earth dist.	-2846 Mar 09 j 15:45	15°♌25'00	0.54332 AU
direct	-2846 Apr 10 j 10:45	9°♌00'25	
desc. node	-2846 Jun 08 j 16:58	27°♌09'06	
	-2846 Jun 14 j 01:10	0°♍	
	-2846 Jul 31 j 21:24	0°♎	
	-2846 Sep 11 j 10:07	0°♏	
	-2846 Oct 20 j 23:07	0°♐	
	-2846 Nov 29 j 08:05	0°♑	
	-2845 Jan 08 j 15:36	0°♒	
	-2845 Feb 19 j 14:11	0°♓	
evening set	-2845 Mar 16 j 09:30	17°♓07'58	
	-2845 Apr 04 j 10:21	0°♈	
asc. node	-2845 Apr 16 j 08:17	7°♈56'42	
conjunction	-2845 May 07 j 13:35	21°♈54'43	0°12'12
minimum elong	-2845 May 07 j 13:03	21°♈53'51	0°12'13
behind sun begin	-2845 May 06 j 23:44	21°♈32'06	
behind sun end	-2845 May 08 j 02:22	22°♈15'36	
	-2845 May 19 j 23:54	0°♉	
max. Earth dist.	-2845 May 22 j 12:43	1°♉38'27	2.63760 AU
morning rise	-2845 Jun 24 j 23:20	23°♉06'38	
	-2845 Jul 05 j 19:11	0°♊	
	-2845 Aug 22 j 08:16	0°♋	
	-2845 Oct 09 j 13:09	0°♌	
	-2845 Nov 28 j 07:39	0°♍	
	-2844 Jan 22 j 18:13	0°♎	
retrograde	-2844 Mar 26 j 09:01	18°♎27'27	
desc. node	-2844 Apr 25 j 16:48	13°♎14'51	
opposition	-2844 Apr 27 j 05:09	12°♎47'47	-0°06'05
greatest brilliancy	-2844 Apr 27 j 05:50	12°♎47'17	-2.7m
min. Earth dist.	-2844 May 04 j 01:48	10°♎45'13	0.41518 AU
direct	-2844 May 31 j 06:28	6°♎10'04	
	-2844 Aug 06 j 13:18	0°♏	
	-2844 Sep 21 j 23:49	0°♐	
	-2844 Nov 03 j 19:04	0°♑	
	-2844 Dec 16 j 10:21	0°♒	
	-2843 Jan 29 j 02:07	0°♓	
asc. node	-2843 Mar 03 j 06:21	22°♓10'09	
	-2843 Mar 15 j 04:02	0°♈	
evening set	-2843 Apr 28 j 07:49	28°♈36'39	
	-2843 Apr 30 j 11:48	0°♉	

conjunction	-2843 Jun 15 j 02:51	29°♉08'08	0°52'02
minimum elong	-2843 Jun 15 j 01:35	29°♉06'06	0°52'06
max. Earth dist.	-2843 Jun 14 j 15:28	28°♉49'59	2.67169 AU
	-2843 Jun 16 j 11:24	0°♊	
morning rise	-2843 Jul 30 j 12:07	28°♊08'21	
	-2843 Aug 02 j 09:40	0°♋	
	-2843 Sep 17 j 17:46	0°♌	
	-2843 Nov 02 j 08:08	0°♍	
	-2843 Dec 17 j 09:38	0°♎	
	-2842 Jan 31 j 12:19	0°♏	
desc. node	-2842 Mar 13 j 17:25	26°♏30'51	
	-2842 Mar 19 j 09:39	0°♐	
	-2842 May 18 j 13:15	0°♑	
retrograde	-2842 Jun 13 j 17:44	4°♑22'55	
	-2842 Jul 10 j 11:37	30°℞♐	
min. Earth dist.	-2842 Jul 10 j 15:09	29°♐57'32	0.38933 AU
opposition	-2842 Jul 15 j 19:06	28°♐29'36	-6°37'43
greatest brilliancy	-2842 Jul 14 j 15:59	28°♐48'54	-2.8m
direct	-2842 Aug 14 j 16:51	23°♐18'14	
	-2842 Sep 17 j 16:17	0°♑	
	-2842 Nov 16 j 19:34	0°♒	
	-2841 Jan 05 j 07:54	0°♓	
asc. node	-2841 Jan 19 j 04:11	8°♓36'23	
	-2841 Feb 22 j 10:15	0°♈	
	-2841 Apr 11 j 09:44	0°♉	
	-2841 May 29 j 03:53	0°♊	
evening set	-2841 Jun 06 j 03:18	5°♊02'53	
max. Earth dist.	-2841 Jul 08 j 12:45	25°♊44'31	2.65139 AU
	-2841 Jul 15 j 03:02	0°♋	
conjunction	-2841 Jul 22 j 11:35	4°♋46'19	1°10'19
minimum elong	-2841 Jul 22 j 11:17	4°♋45'50	1°10'25
	-2841 Aug 29 j 18:06	0°♌	
morning rise	-2841 Sep 05 j 22:28	4°♌49'00	
	-2841 Oct 12 j 19:20	0°♍	
	-2841 Nov 24 j 08:18	0°♎	
	-2840 Jan 04 j 16:14	0°♏	
desc. node	-2840 Jan 29 j 16:32	18°♏26'17	
	-2840 Feb 14 j 07:31	0°♐	
	-2840 Mar 26 j 05:00	0°♑	
	-2840 May 08 j 08:16	0°♒	
	-2840 Jun 30 j 06:38	0°♓	
retrograde	-2840 Aug 09 j 10:43	9°♓50'04	
min. Earth dist.	-2840 Sep 08 j 09:42	3°♓41'39	0.50406 AU
greatest brilliancy	-2840 Sep 15 j 05:10	1°♓10'32	-2.1m
opposition	-2840 Sep 16 j 03:45	0°♓49'37	-3°41'01
	-2840 Sep 18 j 09:57	30°℞♒	
direct	-2840 Oct 20 j 07:04	23°♒28'05	
	-2840 Nov 23 j 21:15	0°♓	
asc. node	-2840 Dec 06 j 03:51	4°♓35'00	
	-2839 Jan 27 j 01:28	0°♈	
	-2839 Mar 20 j 12:44	0°♉	
	-2839 May 09 j 03:37	0°♊	
	-2839 Jun 25 j 18:36	0°♋	
evening set	-2839 Jul 13 j 14:43	11°♋35'09	
max. Earth dist.	-2839 Aug 03 j 02:26	25°♋09'28	2.57923 AU
	-2839 Aug 10 j 07:19	0°♌	
conjunction	-2839 Aug 30 j 07:52	13°♌39'56	0°59'31
minimum elong	-2839 Aug 30 j 09:13	13°♌42'16	0°59'34
	-2839 Sep 22 j 16:37	0°♍	
morning rise	-2839 Oct 18 j 18:03	18°♍42'47	
	-2839 Nov 03 j 03:26	0°♎	
	-2839 Dec 13 j 02:35	0°♏	
desc. node	-2839 Dec 16 j 16:16	2°♏43'15	
	-2838 Jan 21 j 04:58	0°♐	
	-2838 Mar 01 j 05:53	0°♑	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2838 Apr 10 j 05:52	0°♒	
	-2838 May 22 j 16:32	0°♓	
	-2838 Jul 09 j 22:50	0°♈	
retrograde	-2838 Sep 19 j 19:50	24°♈30'03	
asc. node	-2838 Oct 24 j 03:39	16°♈44'40	
min. Earth dist.	-2838 Oct 24 j 22:48	16°♈25'47	0.61386 AU
opposition	-2838 Oct 29 j 15:04	14°♈33'58	0°13'30
greatest brilliancy	-2838 Oct 29 j 14:03	14°♈34'58	-1.6m
direct	-2838 Dec 06 j 12:33	5°♈42'28	
	-2837 Feb 21 j 20:43	0°♉	
	-2837 Apr 18 j 02:19	0°♊	
	-2837 Jun 06 j 13:27	0°♋	
	-2837 Jul 22 j 14:35	0°♌	
evening set	-2837 Aug 25 j 13:22	23°♌23'52	
	-2837 Sep 03 j 20:35	0°♍	
max. Earth dist.	-2837 Sep 09 j 12:47	4°♍04'05	2.46434 AU
	-2837 Oct 14 j 19:36	0°♎	
conjunction	-2837 Oct 17 j 19:37	2°♎15'10	0°11'32
minimum elong	-2837 Oct 17 j 20:20	2°♎16'31	0°11'32
behind sun begin	-2837 Oct 17 j 03:13	1°♎44'21	
behind sun end	-2837 Oct 18 j 13:28	2°♎48'42	
desc. node	-2837 Nov 03 j 15:04	14°♎59'44	
	-2837 Nov 23 j 03:11	0°♏	
morning rise	-2837 Dec 16 j 16:13	18°♏20'05	
	-2837 Dec 31 j 13:41	0°♐	
	-2836 Feb 07 j 23:37	0°♑	
	-2836 Mar 18 j 06:21	0°♒	
	-2836 Apr 28 j 08:07	0°♓	
	-2836 Jun 11 j 08:04	0°♈	
	-2836 Jul 30 j 14:10	0°♉	
asc. node	-2836 Sep 10 j 02:39	20°♉16'04	
	-2836 Oct 16 j 23:12	0°♊	
retrograde	-2836 Oct 24 j 05:51	0°♊20'05	
	-2836 Oct 31 j 08:48	30°℞♉	
min. Earth dist.	-2836 Dec 02 j 09:25	20°♉54'49	0.66890 AU
opposition	-2836 Dec 03 j 07:51	20°♉32'20	2°56'12
greatest brilliancy	-2836 Dec 03 j 04:09	20°♉36'02	-1.3m
direct	-2835 Jan 12 j 13:43	10°♉51'52	
	-2835 Mar 20 j 07:34	0°♊	
	-2835 May 15 j 00:53	0°♋	
	-2835 Jul 01 j 20:07	0°♌	
	-2835 Aug 14 j 13:02	0°♍	
desc. node	-2835 Sep 20 j 12:33	27°♍03'20	
	-2835 Sep 24 j 10:35	0°♎	
evening set	-2835 Oct 18 j 00:19	17°♎58'49	
	-2835 Nov 02 j 12:08	0°♏	
	-2835 Dec 10 j 16:15	0°♐	
conjunction	-2835 Dec 20 j 14:25	7°♐49'22	-0°55'16
minimum elong	-2835 Dec 20 j 11:24	7°♐43'24	0°55'19
max. Earth dist.	-2834 Jan 16 j 14:03	28°♐58'56	2.37880 AU
	-2834 Jan 17 j 21:26	0°♑	
	-2834 Feb 26 j 00:48	0°♒	
morning rise	-2834 Feb 27 j 05:44	0°♒54'23	
	-2834 Apr 07 j 20:36	0°♓	
	-2834 May 21 j 00:01	0°♈	
	-2834 Jul 06 j 02:18	0°♉	
asc. node	-2834 Jul 29 j 02:29	14°♉04'41	
	-2834 Aug 25 j 18:56	0°♊	
	-2834 Nov 01 j 16:23	0°♋	
retrograde	-2834 Nov 28 j 09:13	3°♋54'56	
	-2834 Dec 23 j 01:31	30°℞♊	
opposition	-2833 Jan 06 j 14:41	24°♊42'31	4°32'59
greatest brilliancy	-2833 Jan 06 j 23:52	24°♊33'28	-1.3m
min. Earth dist.	-2833 Jan 09 j 12:27	23°♊33'47	0.66045 AU
direct	-2833 Feb 16 j 21:10	14°♊41'44	

	-2833 Apr 15 j 01:26	0°♋	
	-2833 Jun 09 j 02:55	0°♌	
	-2833 Jul 24 j 17:14	0°♍	
desc. node	-2833 Aug 08 j 10:36	10°♍23'39	
	-2833 Sep 04 j 04:58	0°♎	
	-2833 Oct 13 j 10:35	0°♏	
	-2833 Nov 20 j 16:22	0°♐	
evening set	-2833 Dec 25 j 15:48	27°♐24'08	
	-2833 Dec 29 j 00:07	0°♑	
	-2832 Feb 06 j 07:48	0°♒	
conjunction	-2832 Feb 27 j 12:58	15°♒41'54	-0°56'19
minimum elong	-2832 Feb 27 j 15:20	15°♒46'13	0°56'22
	-2832 Mar 18 j 08:06	0°♓	
max. Earth dist.	-2832 Apr 09 j 15:19	15°♓42'23	2.50343 AU
morning rise	-2832 Apr 26 j 20:32	27°♓33'01	
	-2832 Apr 30 j 11:04	0°♈	
	-2832 Jun 14 j 19:41	0°♉	
asc. node	-2832 Jun 15 j 01:59	0°♉10'10	
	-2832 Aug 01 j 12:46	0°♊	
	-2832 Sep 21 j 13:48	0°♋	
	-2832 Nov 21 j 23:11	0°♌	
retrograde	-2831 Jan 06 j 07:40	10°♌01'39	
opposition	-2831 Feb 12 j 13:23	1°♌49'45	4°49'57
greatest brilliancy	-2831 Feb 13 j 15:52	1°♌24'48	-1.7m
	-2831 Feb 17 j 09:52	30°℞♋	
min. Earth dist.	-2831 Feb 19 j 05:21	29°♋19'29	0.58774 AU
direct	-2831 Mar 25 j 04:09	22°♋07'21	
	-2831 May 01 j 18:59	0°♌	
desc. node	-2831 Jun 25 j 10:04	28°♌17'42	
	-2831 Jun 28 j 03:34	0°♍	
	-2831 Aug 11 j 09:11	0°♎	
	-2831 Sep 20 j 17:39	0°♏	
	-2831 Oct 29 j 15:24	0°♐	
	-2831 Dec 07 j 12:44	0°♑	
	-2830 Jan 16 j 10:04	0°♒	
evening set	-2830 Feb 24 j 13:25	28°♒17'16	
	-2830 Feb 26 j 23:36	0°♓	
	-2830 Apr 11 j 12:36	0°♈	
conjunction	-2830 Apr 20 j 10:27	5°♈58'48	-0°07'21
minimum elong	-2830 Apr 20 j 10:48	5°♈59'22	0°07'21
behind sun begin	-2830 Apr 19 j 15:15	5°♈26'42	
behind sun end	-2830 Apr 21 j 06:21	6°♈32'01	
asc. node	-2830 May 02 j 23:50	14°♈19'34	
max. Earth dist.	-2830 May 12 j 08:13	20°♈28'55	2.60971 AU
	-2830 May 26 j 22:14	0°♉	
morning rise	-2830 Jun 09 j 23:17	9°♉04'23	
	-2830 Jul 12 j 19:24	0°♊	
	-2830 Aug 29 j 20:40	0°♋	
	-2830 Oct 18 j 11:35	0°♌	
	-2830 Dec 11 j 08:44	0°♍	
retrograde	-2829 Feb 28 j 09:50	25°♍35'03	
opposition	-2829 Apr 02 j 22:56	19°♍05'09	2°21'01
greatest brilliancy	-2829 Apr 03 j 19:05	18°♍48'30	-2.4m
min. Earth dist.	-2829 Apr 11 j 08:25	16°♍19'15	0.46381 AU
direct	-2829 May 09 j 20:19	11°♍09'04	
desc. node	-2829 May 13 j 09:09	11°♍14'19	
	-2829 Jul 07 j 15:23	0°♎	
	-2829 Aug 24 j 05:25	0°♏	
	-2829 Oct 05 j 02:23	0°♐	
	-2829 Nov 14 j 21:15	0°♑	
	-2829 Dec 26 j 06:13	0°♒	
	-2828 Feb 07 j 00:46	0°♓	
asc. node	-2828 Mar 19 j 22:04	28°♓17'26	
	-2828 Mar 22 j 11:56	0°♈	
evening set	-2828 Apr 12 j 04:02	13°♈35'59	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2828 May 07 j 10:34	0°♉	
conjunction	-2828 May 31 j 06:30	15°♉18'14	0°38'46
minimum elong	-2828 May 31 j 05:16	15°♉16'15	0°38'49
max. Earth dist.	-2828 Jun 05 j 10:35	18°♉36'37	2.66497 AU
	-2828 Jun 23 j 07:00	0°♊	
morning rise	-2828 Jul 16 j 11:00	14°♊45'26	
	-2828 Aug 09 j 08:53	0°♋	
	-2828 Sep 25 j 05:48	0°♌	
	-2828 Nov 10 j 22:33	0°♍	
	-2828 Dec 28 j 01:21	0°♎	
	-2827 Feb 15 j 10:22	0°♏	
desc. node	-2827 Mar 30 j 09:19	22°♏11'27	
	-2827 Apr 21 j 05:42	0°♐	
retrograde	-2827 May 14 j 14:46	3°♐19'43	
	-2827 Jun 07 j 10:20	30°℞♏	
opposition	-2827 Jun 14 j 02:03	28°♏16'00	-5°05'29
greatest brilliancy	-2827 Jun 13 j 23:21	28°♏17'48	-2.9m
min. Earth dist.	-2827 Jun 13 j 23:01	28°♏18'02	0.37617 AU
direct	-2827 Jul 14 j 05:25	23°♏14'22	
	-2827 Aug 16 j 16:37	0°♐	
	-2827 Oct 13 j 13:07	0°♑	
	-2827 Nov 29 j 21:01	0°♒	
	-2826 Jan 14 j 23:42	0°♓	
asc. node	-2826 Feb 04 j 19:55	13°♓29'38	
	-2826 Mar 02 j 12:16	0°♈	
	-2826 Apr 18 j 16:05	0°♉	
evening set	-2826 May 22 j 08:32	21°♉19'14	
	-2826 Jun 05 j 01:01	0°♊	
max. Earth dist.	-2826 Jun 29 j 06:17	15°♊25'43	2.66591 AU
conjunction	-2826 Jul 07 j 22:16	20°♊58'53	1°06'14
minimum elong	-2826 Jul 07 j 21:26	20°♊57'33	1°06'19
	-2826 Jul 21 j 22:28	0°♋	
morning rise	-2826 Aug 21 j 22:57	20°♋12'37	
	-2826 Sep 05 j 18:36	0°♌	
	-2826 Oct 20 j 07:23	0°♍	
	-2826 Dec 02 j 13:58	0°♎	
	-2825 Jan 13 j 21:14	0°♏	
desc. node	-2825 Feb 15 j 10:37	23°♏19'23	
	-2825 Feb 24 j 18:40	0°♐	
	-2825 Apr 08 j 15:02	0°♑	
	-2825 May 26 j 22:19	0°♒	
retrograde	-2825 Jul 21 j 20:01	17°♒45'18	
min. Earth dist.	-2825 Aug 18 j 17:17	12°♒29'12	0.45342 AU
greatest brilliancy	-2825 Aug 25 j 09:18	10°♒12'05	-2.4m
opposition	-2825 Aug 26 j 18:36	9°♒43'22	-5°20'44
direct	-2825 Sep 28 j 03:02	3°♒12'19	
	-2825 Dec 16 j 06:14	0°♓	
asc. node	-2825 Dec 23 j 18:05	3°♓58'58	
	-2824 Feb 07 j 14:39	0°♈	
	-2824 Mar 28 j 16:29	0°♉	
	-2824 May 16 j 09:24	0°♊	
evening set	-2824 Jun 28 j 10:53	27°♊16'29	
	-2824 Jul 02 j 16:22	0°♋	
max. Earth dist.	-2824 Jul 23 j 04:17	13°♋21'12	2.61347 AU
conjunction	-2824 Aug 14 j 05:23	27°♋59'44	1°07'43
minimum elong	-2824 Aug 14 j 06:08	28°♋00'59	1°07'47
	-2824 Aug 17 j 04:57	0°♌	
	-2824 Sep 29 j 19:26	0°♍	
morning rise	-2824 Sep 30 j 11:11	0°♍27'43	
	-2824 Nov 10 j 14:50	0°♎	
	-2824 Dec 21 j 00:25	0°♏	
desc. node	-2823 Jan 02 j 09:33	9°♏20'48	
	-2823 Jan 29 j 13:42	0°♐	
	-2823 Mar 10 j 01:52	0°♑	
	-2823 Apr 19 j 17:23	0°♒	
	-2823 Jun 02 j 15:21	0°♓	
	-2823 Jul 27 j 22:23	0°♈	
retrograde	-2823 Sep 04 j 21:05	8°♈52'44	
min. Earth dist.	-2823 Oct 08 j 02:01	1°♈29'25	0.57608 AU
	-2823 Oct 11 j 21:25	30°℞♓	
opposition	-2823 Oct 14 j 03:31	29°♓06'50	-1°09'07
greatest brilliancy	-2823 Oct 13 j 21:53	29°♓12'22	-1.8m
asc. node	-2823 Nov 09 j 18:04	21°♓23'56	
direct	-2823 Nov 19 j 18:07	20°♓44'25	
	-2822 Jan 01 j 14:16	0°♈	
	-2822 Mar 05 j 04:37	0°♉	
	-2822 Apr 26 j 08:44	0°♊	
	-2822 Jun 13 j 21:52	0°♋	
	-2822 Jul 29 j 16:31	0°♌	
evening set	-2822 Aug 07 j 23:21	6°♌17'55	
max. Earth dist.	-2822 Aug 23 j 17:05	17°♌09'00	2.51301 AU
	-2822 Sep 10 j 22:59	0°♍	
conjunction	-2822 Sep 27 j 10:00	11°♍50'33	0°34'46
minimum elong	-2822 Sep 27 j 11:35	11°♍53'26	0°34'46
	-2822 Oct 22 j 01:46	0°♎	
desc. node	-2822 Nov 20 j 07:37	22°♎06'22	
morning rise	-2822 Nov 21 j 07:00	22°♎51'06	
	-2822 Nov 30 j 14:30	0°♏	
	-2821 Jan 08 j 06:10	0°♐	
	-2821 Feb 15 j 20:26	0°♑	
	-2821 Mar 27 j 07:23	0°♒	
	-2821 May 07 j 16:19	0°♓	
	-2821 Jun 21 j 12:39	0°♈	
	-2821 Aug 13 j 09:44	0°♉	
asc. node	-2821 Sep 27 j 18:39	15°♉53'38	
retrograde	-2821 Oct 11 j 18:56	17°♉07'12	
min. Earth dist.	-2821 Nov 18 j 11:37	8°♉10'23	0.65456 AU
opposition	-2821 Nov 20 j 21:37	7°♉12'08	2°01'19
greatest brilliancy	-2821 Nov 20 j 16:25	7°♉17'21	-1.4m
	-2821 Dec 11 j 21:36	30°℞♈	
direct	-2821 Dec 30 j 08:50	27°♈47'12	
	-2820 Jan 19 j 03:37	0°♉	
	-2820 Apr 01 j 08:44	0°♊	
	-2820 May 23 j 13:44	0°♋	
	-2820 Jul 09 j 11:33	0°♌	
	-2820 Aug 21 j 22:37	0°♍	
evening set	-2820 Sep 24 j 22:02	24°♍49'19	
	-2820 Oct 01 j 19:48	0°♎	
desc. node	-2820 Oct 07 j 05:55	4°♎05'31	
max. Earth dist.	-2820 Oct 23 j 13:32	16°♎32'33	2.39101 AU
	-2820 Nov 09 j 22:51	0°♏	
conjunction	-2820 Nov 23 j 07:57	10°♏27'15	-0°31'54
minimum elong	-2820 Nov 23 j 05:34	10°♏22'35	0°31'56
	-2820 Dec 18 j 04:33	0°♐	
	-2819 Jan 25 j 10:30	0°♑	
morning rise	-2819 Jan 29 j 16:34	3°♑18'18	
	-2819 Mar 05 j 13:54	0°♒	
	-2819 Apr 15 j 10:09	0°♓	
	-2819 May 28 j 17:31	0°♈	
	-2819 Jul 14 j 12:45	0°♉	
asc. node	-2819 Aug 14 j 18:02	18°♉13'00	
	-2819 Sep 06 j 04:21	0°♊	
retrograde	-2819 Nov 14 j 11:19	21°♊00'08	
opposition	-2819 Dec 24 j 03:53	11°♊31'26	4°03'17
greatest brilliancy	-2819 Dec 24 j 06:52	11°♊28'29	-1.3m
min. Earth dist.	-2819 Dec 25 j 13:30	10°♊58'01	0.67141 AU
direct	-2818 Feb 03 j 04:46	1°♊35'15	
	-2818 Apr 28 j 12:37	0°♋	
	-2818 Jun 18 j 07:04	0°♌	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2818 Aug 01 j 21:22	0°♍	
desc. node	-2818 Aug 25 j 04:06	16°♍43'42	
	-2818 Sep 12 j 01:24	0°♎	
	-2818 Oct 21 j 04:16	0°♏	
evening set	-2818 Nov 28 j 03:58	29°♏51'20	
	-2818 Nov 28 j 08:22	0°♐	
	-2817 Jan 05 j 13:55	0°♑	
conjunction	-2817 Feb 02 j 05:07	21°♑15'49	-1°06'12
minimum elong	-2817 Feb 02 j 06:01	21°♑17'31	1°06'16
	-2817 Feb 13 j 18:34	0°♒	
max. Earth dist.	-2817 Mar 23 j 05:09	27°♒32'02	2.45134 AU
	-2817 Mar 26 j 15:37	0°♓	
morning rise	-2817 Apr 07 j 01:13	8°♓06'17	
	-2817 May 08 j 16:42	0°♈	
	-2817 Jun 23 j 04:42	0°♉	
asc. node	-2817 Jul 02 j 17:06	6°♉03'37	
	-2817 Aug 10 j 15:01	0°♊	
	-2817 Oct 03 j 09:06	0°♋	
retrograde	-2817 Dec 21 j 19:34	25°♋30'29	
opposition	-2816 Jan 28 j 23:49	16°♋51'14	4°55'37
greatest brilliancy	-2816 Jan 29 j 20:01	16°♋31'46	-1.5m
min. Earth dist.	-2816 Feb 03 j 05:51	14°♋49'55	0.62358 AU
direct	-2816 Mar 10 j 02:52	6°♋55'01	
	-2816 May 20 j 10:59	0°♌	
	-2816 Jul 08 j 22:02	0°♍	
desc. node	-2816 Jul 12 j 02:25	2°♍07'50	
	-2816 Aug 20 j 13:57	0°♎	
	-2816 Sep 29 j 07:33	0°♏	
	-2816 Nov 06 j 20:37	0°♐	
	-2816 Dec 15 j 10:40	0°♑	
	-2815 Jan 24 j 00:55	0°♒	
evening set	-2815 Feb 02 j 09:52	6°♒56'00	
	-2815 Mar 06 j 07:41	0°♓	
conjunction	-2815 Apr 01 j 15:36	18°♓24'31	-0°27'43
minimum elong	-2815 Apr 01 j 17:02	18°♓27'00	0°27'42
	-2815 Apr 18 j 15:05	0°♈	
max. Earth dist.	-2815 May 01 j 01:53	8°♈22'15	2.57371 AU
asc. node	-2815 May 19 j 16:12	20°♈41'25	
morning rise	-2815 May 25 j 00:17	24°♈11'14	
	-2815 Jun 02 j 22:24	0°♉	
	-2815 Jul 19 j 23:55	0°♊	
	-2815 Sep 06 j 19:43	0°♋	
	-2815 Oct 28 j 18:16	0°♌	
	-2814 Jan 01 j 22:16	0°♍	
retrograde	-2814 Feb 05 j 07:40	6°♍09'27	
	-2814 Mar 09 j 08:58	30°℞♌	
opposition	-2814 Mar 12 j 13:17	28°♌53'33	3°50'09
greatest brilliancy	-2814 Mar 13 j 18:36	28°♌27'37	-2.0m
min. Earth dist.	-2814 Mar 20 j 21:06	25°♌57'20	0.51590 AU
direct	-2814 Apr 20 j 10:45	19°♌59'56	
desc. node	-2814 May 30 j 02:52	29°♌10'23	
	-2814 Jun 01 j 01:45	0°♍	
	-2814 Jul 24 j 08:22	0°♎	
	-2814 Sep 05 j 02:21	0°♏	
	-2814 Oct 15 j 04:57	0°♐	
	-2814 Nov 23 j 22:29	0°♑	
	-2813 Jan 03 j 12:40	0°♒	
	-2813 Feb 14 j 16:38	0°♓	
evening set	-2813 Mar 26 j 22:18	27°♓28'38	
	-2813 Mar 30 j 16:47	0°♈	
asc. node	-2813 Apr 06 j 13:29	4°♈34'17	
	-2813 May 15 j 08:37	0°♉	
conjunction	-2813 May 16 j 19:54	0°♉57'06	0°22'40
minimum elong	-2813 May 16 j 19:01	0°♉55'40	0°22'41
max. Earth dist.	-2813 May 28 j 04:19	8°♉16'31	2.64979 AU
	-2813 Jul 01 j 03:31	0°♊	
morning rise	-2813 Jul 03 j 06:49	1°♊21'36	
	-2813 Aug 17 j 11:27	0°♋	
	-2813 Oct 04 j 02:36	0°♌	
	-2813 Nov 21 j 11:36	0°♍	
	-2812 Jan 11 j 11:55	0°♎	
	-2812 Mar 18 j 04:05	0°♏	
retrograde	-2812 Apr 12 j 11:05	3°♏39'16	
desc. node	-2812 Apr 16 j 02:50	3°♏34'19	
	-2812 May 07 j 12:08	30°℞♎	
opposition	-2812 May 13 j 09:08	28°♎23'35	-1°54'12
greatest brilliancy	-2812 May 13 j 16:38	28°♎18'19	-2.8m
min. Earth dist.	-2812 May 18 j 10:27	26°♎58'45	0.39437 AU
direct	-2812 Jun 14 j 17:39	22°♎30'18	
	-2812 Jul 19 j 14:58	0°♏	
	-2812 Sep 12 j 18:42	0°♐	
	-2812 Oct 27 j 17:59	0°♑	
	-2812 Dec 10 j 10:37	0°♒	
	-2811 Jan 23 j 17:38	0°♓	
asc. node	-2811 Feb 21 j 11:09	19°♓02'52	
	-2811 Mar 10 j 05:01	0°♈	
	-2811 Apr 25 j 18:31	0°♉	
evening set	-2811 May 07 j 06:15	7°♉19'54	
	-2811 Jun 11 j 20:51	0°♊	
max. Earth dist.	-2811 Jun 20 j 00:16	5°♊11'17	2.67201 AU
conjunction	-2811 Jun 23 j 11:50	7°♊24'30	0°58'17
minimum elong	-2811 Jun 23 j 10:40	7°♊22'37	0°58'22
	-2811 Jul 28 j 18:25	0°♋	
morning rise	-2811 Aug 07 j 14:42	6°♋21'03	
	-2811 Sep 12 j 21:46	0°♌	
	-2811 Oct 28 j 01:41	0°♍	
	-2811 Dec 11 j 08:51	0°♎	
	-2810 Jan 24 j 04:35	0°♏	
desc. node	-2810 Mar 04 j 02:38	26°♏25'29	
	-2810 Mar 09 j 11:22	0°♐	
	-2810 Apr 26 j 15:33	0°♑	
retrograde	-2810 Jun 28 j 17:37	21°♑24'21	
min. Earth dist.	-2810 Jul 25 j 08:41	16°♑49'39	0.40807 AU
greatest brilliancy	-2810 Jul 30 j 18:22	15°♑11'00	-2.7m
opposition	-2810 Aug 01 j 04:33	14°♑44'44	-6°32'28
direct	-2810 Aug 31 j 21:32	9°♑08'09	
	-2810 Nov 06 j 01:54	0°♒	
	-2810 Dec 29 j 10:31	0°♓	
asc. node	-2809 Jan 09 j 10:20	6°♓35'24	
	-2809 Feb 16 j 19:59	0°♈	
	-2809 Apr 06 j 09:50	0°♉	
	-2809 May 24 j 11:00	0°♊	
evening set	-2809 Jun 14 j 14:40	13°♊23'01	
	-2809 Jul 10 j 12:42	0°♋	
max. Earth dist.	-2809 Jul 14 j 04:57	2°♋22'48	2.64016 AU
conjunction	-2809 Jul 30 j 23:27	13°♋19'10	1°10'43
minimum elong	-2809 Jul 30 j 23:31	13°♋19'17	1°10'49
	-2809 Aug 25 j 03:05	0°♌	
morning rise	-2809 Sep 14 j 21:06	14°♌02'07	
	-2809 Oct 08 j 00:31	0°♍	
	-2809 Nov 19 j 06:52	0°♎	
	-2809 Dec 30 j 05:44	0°♏	
desc. node	-2808 Jan 20 j 02:32	15°♏32'37	
	-2808 Feb 08 j 09:54	0°♐	
	-2808 Mar 19 j 15:38	0°♑	
	-2808 Apr 30 j 12:07	0°♒	
	-2808 Jun 16 j 22:12	0°♓	
retrograde	-2808 Aug 19 j 13:32	21°♓21'34	
min. Earth dist.	-2808 Sep 19 j 16:47	14°♓45'06	0.53127 AU

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

opposition	-2808 Sep 26 j 23:13	11°♓59'31	-2°43'15
greatest brilliancy	-2808 Sep 26 j 07:27	12°♓14'31	-2.0m
direct	-2808 Nov 01 j 01:41	4°♓13'43	
asc. node	-2808 Nov 26 j 10:07	7°♓54'32	
	-2807 Jan 19 j 00:32	0°♈	
	-2807 Mar 14 j 18:10	0°♉	
	-2807 May 04 j 03:06	0°♊	
	-2807 Jun 21 j 01:13	0°♋	
evening set	-2807 Jul 22 j 14:35	20°♋35'05	
	-2807 Aug 05 j 16:16	0°♌	
max. Earth dist.	-2807 Aug 10 j 03:15	3°♌00'55	2.55740 AU
conjunction	-2807 Sep 09 j 02:01	23°♌40'47	0°52'11
minimum elong	-2807 Sep 09 j 03:36	23°♌43'35	0°52'13
	-2807 Sep 18 j 00:59	0°♍	
	-2807 Oct 29 j 09:18	0°♎	
morning rise	-2807 Oct 30 j 02:43	0°♎32'15	
desc. node	-2807 Dec 07 j 01:18	29°♎07'30	
	-2807 Dec 08 j 04:47	0°♏	
	-2806 Jan 16 j 03:08	0°♐	
	-2806 Feb 23 j 23:22	0°♑	
	-2806 Apr 04 j 16:51	0°♒	
	-2806 May 16 j 14:21	0°♓	
	-2806 Jul 02 j 01:08	0°♈	
	-2806 Sep 04 j 19:02	0°♉	
retrograde	-2806 Sep 28 j 00:21	3°♉17'15	
asc. node	-2806 Oct 14 j 09:39	1°♉25'31	
	-2806 Oct 19 j 19:51	30°℞♈	
min. Earth dist.	-2806 Nov 03 j 02:32	24°♈52'47	0.63085 AU
opposition	-2806 Nov 06 j 23:35	23°♈19'41	0°56'17
greatest brilliancy	-2806 Nov 06 j 19:55	23°♈23'20	-1.5m
direct	-2806 Dec 15 j 11:41	14°♈14'42	
	-2805 Feb 12 j 18:24	0°♉	
	-2805 Apr 12 j 05:20	0°♊	
	-2805 Jun 01 j 11:58	0°♋	
	-2805 Jul 17 j 20:03	0°♌	
	-2805 Aug 30 j 04:04	0°♍	
evening set	-2805 Sep 05 j 08:38	4°♍26'12	
max. Earth dist.	-2805 Sep 21 j 21:52	16°♍28'42	2.43648 AU
	-2805 Oct 10 j 02:41	0°♎	
desc. node	-2805 Oct 24 j 22:51	11°♎13'17	
conjunction	-2805 Oct 30 j 14:37	15°♎32'24	-0°03'58
minimum elong	-2805 Oct 30 j 14:20	15°♎31'52	0°03'59
behind sun begin	-2805 Oct 29 j 14:01	14°♎45'22	
behind sun end	-2805 Oct 31 j 14:39	16°♎18'24	
	-2805 Nov 18 j 08:46	0°♏	
	-2805 Dec 26 j 17:36	0°♐	
morning rise	-2804 Jan 01 j 11:00	4°♐29'41	
	-2804 Feb 03 j 01:48	0°♑	
	-2804 Mar 13 j 06:35	0°♒	
	-2804 Apr 23 j 05:03	0°♓	
	-2804 Jun 05 j 20:05	0°♈	
	-2804 Jul 23 j 20:24	0°♉	
asc. node	-2804 Aug 31 j 09:37	20°♉36'49	
	-2804 Sep 22 j 11:15	0°♊	
retrograde	-2804 Oct 31 j 22:32	8°♊10'41	
	-2804 Dec 07 j 02:39	30°℞♉	
opposition	-2804 Dec 10 j 22:14	28°♉28'47	3°23'37
greatest brilliancy	-2804 Dec 10 j 20:24	28°♉30'37	-1.3m
min. Earth dist.	-2804 Dec 10 j 19:52	28°♉31'09	0.67258 AU
direct	-2803 Jan 20 j 12:09	18°♉41'25	
	-2803 Mar 10 j 04:40	0°♊	
	-2803 May 09 j 00:11	0°♋	
	-2803 Jun 26 j 16:11	0°♌	
	-2803 Aug 09 j 16:08	0°♍	
desc. node	-2803 Sep 10 j 21:44	23°♍26'38	
	-2803 Sep 19 j 15:55	0°♎	
	-2803 Oct 28 j 17:42	0°♏	
evening set	-2803 Nov 01 j 07:09	2°♏46'48	
	-2803 Dec 05 j 21:28	0°♐	
conjunction	-2802 Jan 05 j 15:07	24°♐10'35	-1°03'27
minimum elong	-2802 Jan 05 j 13:09	24°♐06'44	1°03'32
	-2802 Jan 13 j 02:10	0°♑	
max. Earth dist.	-2802 Feb 20 j 21:14	29°♑45'05	2.40019 AU
	-2802 Feb 21 j 05:10	0°♒	
morning rise	-2802 Mar 14 j 06:19	15°♒39'30	
	-2802 Apr 03 j 00:30	0°♓	
	-2802 May 16 j 01:37	0°♈	
	-2802 Jun 30 j 20:25	0°♉	
asc. node	-2802 Jul 19 j 08:40	11°♉32'29	
	-2802 Aug 19 j 10:30	0°♊	
	-2802 Oct 17 j 19:08	0°♋	
retrograde	-2802 Dec 06 j 15:20	11°♋53'40	
opposition	-2801 Jan 14 j 13:19	2°♋51'57	4°44'50
greatest brilliancy	-2801 Jan 15 j 02:22	2°♋39'11	-1.4m
min. Earth dist.	-2801 Jan 18 j 07:25	1°♋23'49	0.65022 AU
	-2801 Jan 21 j 22:33	30°℞♊	
direct	-2801 Feb 24 j 20:42	22°♊50'52	
	-2801 Apr 02 j 14:59	0°♋	
	-2801 Jun 02 j 14:57	0°♌	
	-2801 Jul 19 j 05:58	0°♍	
desc. node	-2801 Jul 29 j 20:48	7°♍22'46	
	-2801 Aug 30 j 02:19	0°♎	
	-2801 Oct 08 j 11:34	0°♏	
	-2801 Nov 15 j 19:18	0°♐	
	-2801 Dec 24 j 04:20	0°♑	
evening set	-2800 Jan 09 j 15:41	12°♑40'53	
	-2800 Feb 01 j 13:06	0°♒	
conjunction	-2800 Mar 11 j 15:52	28°♒36'50	-0°46'59
minimum elong	-2800 Mar 11 j 18:11	28°♒40'59	0°47'00
	-2800 Mar 13 j 14:27	0°♓	
max. Earth dist.	-2800 Apr 18 j 04:48	24°♓51'58	2.53020 AU
	-2800 Apr 25 j 17:38	0°♈	
morning rise	-2800 May 07 j 15:41	8°♈01'57	
asc. node	-2800 Jun 05 j 06:55	26°♈55'45	
	-2800 Jun 10 j 00:28	0°♉	
	-2800 Jul 27 j 09:47	0°♊	
	-2800 Sep 15 j 09:51	0°♋	
	-2800 Nov 10 j 15:32	0°♌	
retrograde	-2799 Jan 16 j 12:41	19°♌18'15	
opposition	-2799 Feb 22 j 03:26	11°♌24'23	4°36'22
greatest brilliancy	-2799 Feb 23 j 08:22	10°♌57'38	-1.8m
min. Earth dist.	-2799 Mar 01 j 12:25	8°♌41'05	0.56415 AU
direct	-2799 Apr 03 j 07:20	1°♌54'49	
desc. node	-2799 Jun 15 j 19:21	27°♌30'26	
	-2799 Jun 20 j 02:26	0°♍	
	-2799 Aug 05 j 02:25	0°♎	
	-2799 Sep 15 j 01:35	0°♏	
	-2799 Oct 24 j 07:15	0°♐	
	-2799 Dec 02 j 10:02	0°♑	
	-2798 Jan 11 j 11:39	0°♒	
	-2798 Feb 22 j 04:48	0°♓	
evening set	-2798 Mar 08 j 02:11	9°♓41'46	
	-2798 Apr 06 j 20:14	0°♈	
asc. node	-2798 Apr 23 j 05:43	10°♈56'50	
conjunction	-2798 Apr 30 j 09:35	15°♈40'59	0°04'12
minimum elong	-2798 Apr 30 j 09:22	15°♈40'38	0°04'13
behind sun begin	-2798 Apr 29 j 12:47	15°♈06'42	
behind sun end	-2798 May 01 j 05:57	16°♈14'34	
max. Earth dist.	-2798 May 18 j 10:56	27°♈30'32	2.62610 AU

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2798 May 22 j 06:54	0°♉	
morning rise	-2798 Jun 18 j 16:18	17°♉38'36	
	-2798 Jul 08 j 02:04	0°♊	
	-2798 Aug 24 j 19:30	0°♋	
	-2798 Oct 12 j 13:12	0°♌	
	-2798 Dec 02 j 17:10	0°♍	
	-2797 Feb 02 j 13:29	0°♎	
retrograde	-2797 Mar 15 j 01:16	8°♎25'18	
opposition	-2797 Apr 16 j 15:49	2°♎23'10	1°05'00
greatest brilliancy	-2797 Apr 17 j 01:10	2°♎15'50	-2.5m
min. Earth dist.	-2797 Apr 24 j 11:17	29°♍56'42	0.43584 AU
	-2797 Apr 24 j 06:57	30°℞♍	
desc. node	-2797 May 03 j 18:50	27°♍24'07	
direct	-2797 May 22 j 00:50	25°♍08'36	
	-2797 Jun 18 j 13:48	0°♎	
	-2797 Aug 15 j 05:12	0°♏	
	-2797 Sep 28 j 01:13	0°♐	
	-2797 Nov 08 j 18:47	0°♑	
	-2797 Dec 20 j 17:52	0°♒	
	-2796 Feb 01 j 22:24	0°♓	
asc. node	-2796 Mar 10 j 03:46	25°♓01'48	
	-2796 Mar 17 j 16:10	0°♈	
evening set	-2796 Apr 21 j 12:50	22°♈44'35	
	-2796 May 02 j 18:56	0°♉	
conjunction	-2796 Jun 08 j 20:32	23°♉43'43	0°46'51
minimum elong	-2796 Jun 08 j 19:15	23°♉41'39	0°46'54
max. Earth dist.	-2796 Jun 10 j 20:14	24°♉59'47	2.66970 AU
	-2796 Jun 18 j 16:36	0°♊	
morning rise	-2796 Jul 24 j 13:02	22°♊52'26	
	-2796 Aug 04 j 16:16	0°♋	
	-2796 Sep 20 j 06:00	0°♌	
	-2796 Nov 05 j 07:13	0°♍	
	-2796 Dec 21 j 03:44	0°♎	
	-2795 Feb 05 j 17:04	0°♏	
desc. node	-2795 Mar 20 j 19:29	25°♏57'15	
	-2795 Mar 28 j 04:39	0°♐	
retrograde	-2795 Jun 01 j 01:10	21°♐16'26	
min. Earth dist.	-2795 Jun 29 j 00:25	16°♐44'13	0.37965 AU
greatest brilliancy	-2795 Jul 01 j 11:08	16°♐04'21	-2.9m
opposition	-2795 Jul 02 j 04:03	15°♐52'52	-6°14'43
direct	-2795 Jul 31 j 20:14	10°♐53'16	
	-2795 Oct 01 j 07:37	0°♑	
	-2795 Nov 22 j 05:56	0°♒	
	-2794 Jan 08 j 23:00	0°♓	
asc. node	-2794 Jan 26 j 01:31	10°♓51'47	
	-2794 Feb 25 j 06:04	0°♈	
	-2794 Apr 13 j 19:54	0°♉	
evening set	-2794 May 30 j 20:56	29°♉39'44	
	-2794 May 31 j 09:44	0°♊	
max. Earth dist.	-2794 Jul 04 j 16:32	21°♊50'47	2.65886 AU
conjunction	-2794 Jul 16 j 06:12	29°♊17'50	1°09'06
minimum elong	-2794 Jul 16 j 05:39	29°♊16'57	1°09'11
	-2794 Jul 17 j 08:18	0°♋	
morning rise	-2794 Aug 30 j 10:56	28°♋54'38	
	-2794 Sep 01 j 02:12	0°♌	
	-2794 Oct 15 j 08:58	0°♍	
	-2794 Nov 27 j 06:00	0°♎	
	-2793 Jan 07 j 23:45	0°♏	
desc. node	-2793 Feb 05 j 18:54	20°♏59'34	
	-2793 Feb 18 j 02:55	0°♐	
	-2793 Mar 31 j 16:15	0°♑	
	-2793 May 15 j 05:58	0°♒	
	-2793 Jul 20 j 15:52	0°♓	
retrograde	-2793 Aug 02 j 07:23	1°♓08'06	
	-2793 Aug 14 j 18:09	30°℞♒	
min. Earth dist.	-2793 Aug 31 j 06:58	25°♒23'49	0.48130 AU
greatest brilliancy	-2793 Sep 07 j 04:07	22°♒55'44	-2.3m
opposition	-2793 Sep 08 j 07:49	22°♒30'49	-4°24'56
direct	-2793 Oct 11 j 16:22	15°♒31'01	
	-2793 Dec 05 j 03:28	0°♓	
asc. node	-2793 Dec 14 j 00:58	4°♓05'31	
	-2792 Feb 01 j 00:33	0°♈	
	-2792 Mar 23 j 08:07	0°♉	
	-2792 May 11 j 13:10	0°♊	
	-2792 Jun 28 j 01:10	0°♋	
evening set	-2792 Jul 07 j 01:39	5°♋49'59	
max. Earth dist.	-2792 Jul 29 j 09:02	20°♋28'41	2.59543 AU
	-2792 Aug 12 j 14:52	0°♌	
conjunction	-2792 Aug 23 j 06:55	7°♌13'38	1°03'39
minimum elong	-2792 Aug 23 j 08:01	7°♌15'32	1°03'43
	-2792 Sep 25 j 03:19	0°♍	
morning rise	-2792 Oct 10 j 15:02	11°♍00'46	
	-2792 Nov 05 j 18:42	0°♎	
	-2792 Dec 15 j 22:40	0°♏	
desc. node	-2792 Dec 23 j 18:22	5°♏56'02	
	-2791 Jan 24 j 05:48	0°♐	
	-2791 Mar 04 j 10:54	0°♑	
	-2791 Apr 13 j 15:41	0°♒	
	-2791 May 26 j 12:52	0°♓	
	-2791 Jul 15 j 13:51	0°♈	
retrograde	-2791 Sep 13 j 14:24	18°♈26'18	
min. Earth dist.	-2791 Oct 17 j 21:27	10°♈39'15	0.59809 AU
opposition	-2791 Oct 23 j 04:24	8°♈33'32	-0°19'50
greatest brilliancy	-2791 Oct 23 j 03:02	8°♈34'53	-1.7m
asc. node	-2791 Oct 31 j 00:56	5°♈33'12	
	-2791 Nov 25 j 14:35	30°℞♓	
direct	-2791 Nov 29 j 12:44	29°♓54'02	
	-2791 Dec 03 j 12:07	0°♈	
	-2790 Feb 26 j 03:25	0°♉	
	-2790 Apr 20 j 22:38	0°♊	
	-2790 Jun 09 j 00:49	0°♋	
	-2790 Jul 25 j 00:28	0°♌	
evening set	-2790 Aug 17 j 18:45	16°♌14'44	
max. Earth dist.	-2790 Sep 01 j 16:54	26°♌42'52	2.48660 AU
	-2790 Sep 06 j 07:54	0°♍	
conjunction	-2790 Oct 08 j 16:01	23°♍30'05	0°22'10
minimum elong	-2790 Oct 08 j 17:14	23°♍32'20	0°22'09
	-2790 Oct 17 j 09:41	0°♎	
desc. node	-2790 Nov 10 j 17:22	18°♎23'19	
	-2790 Nov 25 j 20:02	0°♏	
morning rise	-2790 Dec 05 j 04:35	7°♏14'35	
	-2789 Jan 03 j 08:54	0°♐	
	-2789 Feb 10 j 20:14	0°♑	
	-2789 Mar 22 j 03:34	0°♒	
	-2789 May 02 j 06:34	0°♓	
	-2789 Jun 15 j 11:35	0°♈	
	-2789 Aug 04 j 18:17	0°♉	
asc. node	-2789 Sep 17 j 23:49	19°♉38'33	
retrograde	-2789 Oct 19 j 13:35	25°♉13'25	
min. Earth dist.	-2789 Nov 27 j 02:28	16°♉00'00	0.66380 AU
opposition	-2789 Nov 28 j 16:24	15°♉21'55	2°34'32
greatest brilliancy	-2789 Nov 28 j 11:42	15°♉26'38	-1.4m
direct	-2788 Jan 07 j 14:19	5°♉47'41	
	-2788 Mar 24 j 22:30	0°♊	
	-2788 May 18 j 00:58	0°♋	
	-2788 Jul 04 j 12:13	0°♌	
	-2788 Aug 17 j 03:55	0°♍	
desc. node	-2788 Sep 27 j 15:11	0°♎23'51	
	-2788 Sep 27 j 02:30	0°♎	
evening set	-2788 Oct 07 j 14:48	7°♎57'19	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2788 Nov 05 j 05:20	0°♏	
max. Earth dist.	-2788 Nov 29 j 04:57	18°♏47'38	2.37576 AU
conjunction	-2788 Dec 08 j 10:14	26°♏03'25	-0°46'13
minimum elong	-2788 Dec 08 j 07:09	25°♏57'20	0°46'15
	-2788 Dec 13 j 10:19	0°♐	
	-2787 Jan 20 j 15:27	0°♑	
morning rise	-2787 Feb 15 j 00:37	19°♑35'30	
	-2787 Feb 28 j 17:47	0°♒	
	-2787 Apr 10 j 12:22	0°♓	
	-2787 May 23 j 15:25	0°♈	
	-2787 Jul 08 j 21:58	0°♉	
asc. node	-2787 Aug 04 j 23:33	16°♉18'25	
	-2787 Aug 29 j 11:39	0°♊	
retrograde	-2787 Nov 22 j 09:31	28°♊50'32	
opposition	-2787 Dec 31 j 20:42	19°♊30'28	4°21'41
greatest brilliancy	-2786 Jan 01 j 03:03	19°♊24'12	-1.3m
min. Earth dist.	-2786 Jan 03 j 02:45	18°♊37'00	0.66665 AU
direct	-2786 Feb 11 j 01:29	9°♊30'58	
	-2786 Apr 20 j 12:06	0°♋	
	-2786 Jun 12 j 12:18	0°♌	
	-2786 Jul 27 j 16:58	0°♍	
desc. node	-2786 Aug 15 j 13:21	13°♍24'11	
	-2786 Sep 07 j 02:23	0°♎	
	-2786 Oct 16 j 07:14	0°♏	
	-2786 Nov 23 j 12:20	0°♐	
evening set	-2786 Dec 13 j 17:08	15°♐53'31	
	-2786 Dec 31 j 18:40	0°♑	
	-2785 Feb 08 j 24:00	0°♒	
conjunction	-2785 Feb 16 j 20:48	5°♒52'49	-1°01'46
minimum elong	-2785 Feb 16 j 22:48	5°♒56'31	1°01'49
	-2785 Mar 21 j 21:38	0°♓	
max. Earth dist.	-2785 Apr 03 j 07:11	8°♓48'27	2.48054 AU
morning rise	-2785 Apr 19 j 04:49	19°♓54'32	
	-2785 May 03 j 22:13	0°♈	
	-2785 Jun 18 j 06:37	0°♉	
asc. node	-2785 Jun 22 j 23:36	3°♉01'30	
	-2785 Aug 05 j 04:35	0°♊	
	-2785 Sep 26 j 02:29	0°♋	
	-2785 Dec 03 j 10:31	0°♌	
retrograde	-2785 Dec 31 j 00:47	4°♌06'45	
	-2784 Jan 25 j 13:58	30°℞♋	
opposition	-2784 Feb 06 j 17:26	25°♋41'56	4°54'12
greatest brilliancy	-2784 Feb 07 j 17:20	25°♋19'11	-1.6m
min. Earth dist.	-2784 Feb 12 j 18:56	23°♋23'34	0.60501 AU
direct	-2784 Mar 18 j 15:14	15°♋51'46	
	-2784 May 10 j 10:11	0°♌	
desc. node	-2784 Jul 02 j 12:26	0°♍03'37	
	-2784 Jul 02 j 10:12	0°♍	
	-2784 Aug 14 j 22:41	0°♎	
	-2784 Sep 24 j 00:27	0°♏	
	-2784 Nov 01 j 18:00	0°♐	
	-2784 Dec 10 j 11:20	0°♑	
	-2783 Jan 19 j 04:15	0°♒	
evening set	-2783 Feb 15 j 06:25	19°♒47'45	
	-2783 Mar 01 j 13:28	0°♓	
conjunction	-2783 Apr 12 j 14:06	29°♓05'04	-0°15'56
minimum elong	-2783 Apr 12 j 14:55	29°♓06'25	0°15'56
	-2783 Apr 13 j 22:36	0°♈	
max. Earth dist.	-2783 May 07 j 17:27	15°♈53'44	2.59462 AU
asc. node	-2783 May 09 j 21:36	17°♈19'51	
	-2783 May 29 j 06:03	0°♉	
morning rise	-2783 Jun 03 j 07:11	3°♉16'24	
	-2783 Jul 15 j 03:53	0°♊	
	-2783 Sep 01 j 11:40	0°♋	

	-2783 Oct 21 j 22:05	0°♌	
	-2783 Dec 17 j 19:16	0°♍	
retrograde	-2782 Feb 17 j 22:38	17°♍14'38	
opposition	-2782 Mar 24 j 06:21	10°♍23'08	3°05'06
greatest brilliancy	-2782 Mar 25 j 07:48	10°♍01'21	-2.2m
min. Earth dist.	-2782 Apr 01 j 17:51	7°♍29'31	0.48731 AU
direct	-2782 May 01 j 03:11	1°♍58'15	
desc. node	-2782 May 20 j 11:34	4°♍25'09	
	-2782 Jul 15 j 07:10	0°♎	
	-2782 Aug 29 j 04:37	0°♏	
	-2782 Oct 09 j 03:30	0°♐	
	-2782 Nov 18 j 09:14	0°♑	
	-2782 Dec 29 j 07:56	0°♒	
	-2781 Feb 09 j 18:21	0°♓	
	-2781 Mar 25 j 23:05	0°♈	
asc. node	-2781 Mar 27 j 19:29	1°♈13'51	
evening set	-2781 Apr 05 j 22:10	7°♈16'04	
	-2781 May 10 j 17:43	0°♉	
conjunction	-2781 May 25 j 18:13	9°♉40'55	0°32'20
minimum elong	-2781 May 25 j 17:06	9°♉39'07	0°32'21
max. Earth dist.	-2781 Jun 02 j 16:57	14°♉46'48	2.65918 AU
	-2781 Jun 26 j 12:45	0°♊	
morning rise	-2781 Jul 11 j 10:50	9°♊29'47	
	-2781 Aug 12 j 16:59	0°♋	
	-2781 Sep 28 j 21:18	0°♌	
	-2781 Nov 15 j 05:25	0°♍	
	-2780 Jan 02 j 16:35	0°♎	
	-2780 Feb 24 j 19:43	0°♏	
desc. node	-2780 Apr 06 j 11:19	16°♏57'00	
retrograde	-2780 Apr 30 j 13:31	20°♏21'33	
opposition	-2780 May 30 j 22:22	15°♏19'30	-3°48'06
greatest brilliancy	-2780 May 31 j 04:01	15°♏15'43	-2.9m
min. Earth dist.	-2780 Jun 02 j 07:18	14°♏41'11	0.38055 AU
direct	-2780 Jun 30 j 21:29	10°♏01'41	
	-2780 Aug 31 j 07:18	0°♐	
	-2780 Oct 19 j 16:32	0°♑	
	-2780 Dec 04 j 01:05	0°♒	
	-2779 Jan 18 j 05:02	0°♓	
asc. node	-2779 Feb 11 j 17:43	16°♓04'58	
	-2779 Mar 05 j 04:35	0°♈	
	-2779 Apr 21 j 01:09	0°♉	
evening set	-2779 May 15 j 23:01	15°♉49'26	
	-2779 Jun 07 j 06:44	0°♊	
max. Earth dist.	-2779 Jun 25 j 08:40	11°♊30'53	2.66972 AU
conjunction	-2779 Jul 01 j 18:22	15°♊36'23	1°03'20
minimum elong	-2779 Jul 01 j 17:21	15°♊34'47	1°03'24
	-2779 Jul 24 j 04:26	0°♋	
morning rise	-2779 Aug 15 j 18:31	14°♋38'34	
	-2779 Sep 08 j 04:13	0°♌	
	-2779 Oct 22 j 23:52	0°♍	
	-2779 Dec 05 j 17:02	0°♎	
	-2778 Jan 17 j 14:34	0°♏	
desc. node	-2778 Feb 22 j 12:53	25°♏14'45	
	-2778 Mar 01 j 08:25	0°♐	
	-2778 Apr 14 j 17:18	0°♑	
	-2778 Jun 08 j 15:47	0°♒	
retrograde	-2778 Jul 12 j 06:56	7°♒15'29	
min. Earth dist.	-2778 Aug 08 j 11:05	2°♒20'38	0.43179 AU
greatest brilliancy	-2778 Aug 14 j 17:37	0°♒17'35	-2.5m
	-2778 Aug 15 j 14:57	30°℞♑	
opposition	-2778 Aug 16 j 05:16	29°♑48'14	-5°58'21
direct	-2778 Sep 16 j 18:34	23°♑41'54	
	-2778 Oct 20 j 01:25	0°♒	
	-2778 Dec 21 j 15:23	0°♓	
asc. node	-2778 Dec 30 j 15:57	5°♓06'28	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2777 Feb 10 j 23:04	0°♈	
	-2777 Apr 01 j 07:42	0°♉	
	-2777 May 19 j 17:27	0°♊	
evening set	-2777 Jun 23 j 02:08	21°♊44'25	
	-2777 Jul 05 j 22:35	0°♋	
max. Earth dist.	-2777 Jul 19 j 23:50	9°♋07'21	2.62645 AU
conjunction	-2777 Aug 08 j 14:36	22°♋02'15	1°09'34
minimum elong	-2777 Aug 08 j 15:03	22°♋03'00	1°09'39
	-2777 Aug 20 j 12:52	0°♌	
morning rise	-2777 Sep 24 j 03:46	23°♌37'34	
	-2777 Oct 03 j 07:14	0°♍	
	-2777 Nov 14 j 08:16	0°♎	
	-2777 Dec 24 j 23:59	0°♏	
desc. node	-2776 Jan 10 j 12:10	12°♏23'24	
	-2776 Feb 02 j 19:31	0°♐	
	-2776 Mar 13 j 14:14	0°♑	
	-2776 Apr 23 j 14:45	0°♒	
	-2776 Jun 07 j 12:35	0°♓	
	-2776 Aug 11 j 13:09	0°♈	
retrograde	-2776 Aug 29 j 02:48	2°♈02'57	
	-2776 Sep 14 j 22:57	30°℞♓	
min. Earth dist.	-2776 Sep 30 j 09:30	24°♓59'46	0.55675 AU
opposition	-2776 Oct 07 j 00:30	22°♓25'48	-1°47'43
greatest brilliancy	-2776 Oct 06 j 14:55	22°♓35'06	-1.9m
direct	-2776 Nov 11 j 23:53	14°♓18'39	
asc. node	-2776 Nov 16 j 15:30	14°♓26'55	
	-2775 Jan 09 j 05:36	0°♈	
	-2775 Mar 08 j 15:19	0°♉	
	-2775 Apr 28 j 23:50	0°♊	
	-2775 Jun 16 j 07:08	0°♋	
evening set	-2775 Jul 31 j 19:49	29°♋50'36	
	-2775 Aug 01 j 01:23	0°♌	
max. Earth dist.	-2775 Aug 17 j 14:42	11°♌16'10	2.53355 AU
	-2775 Sep 13 j 09:51	0°♍	
conjunction	-2775 Sep 19 j 06:43	4°♍11'00	0°42'55
minimum elong	-2775 Sep 19 j 08:23	4°♍13'59	0°42'56
	-2775 Oct 24 j 16:03	0°♎	
morning rise	-2775 Nov 11 j 06:32	13°♎11'34	
desc. node	-2775 Nov 27 j 10:08	25°♎27'50	
	-2775 Dec 03 j 08:17	0°♏	
	-2774 Jan 11 j 02:59	0°♐	
	-2774 Feb 18 j 19:33	0°♑	
	-2774 Mar 30 j 08:12	0°♒	
	-2774 May 10 j 20:15	0°♓	
	-2774 Jun 25 j 03:21	0°♈	
	-2774 Aug 19 j 15:41	0°♉	
asc. node	-2774 Oct 04 j 16:03	11°♉45'05	
retrograde	-2774 Oct 06 j 00:22	11°♉45'48	
min. Earth dist.	-2774 Nov 12 j 00:14	3°♉02'43	0.64506 AU
opposition	-2774 Nov 15 j 01:37	1°♉49'04	1°35'28
greatest brilliancy	-2774 Nov 14 j 20:36	1°♉54'06	-1.5m
	-2774 Nov 19 j 15:27	30°℞♈	
direct	-2774 Dec 24 j 02:38	22°♈32'26	
	-2773 Jan 31 j 12:04	0°♉	
	-2773 Apr 05 j 22:11	0°♊	
	-2773 May 27 j 07:11	0°♋	
	-2773 Jul 13 j 00:27	0°♌	
	-2773 Aug 25 j 11:27	0°♍	
evening set	-2773 Sep 16 j 17:03	16°♍05'27	
	-2773 Oct 05 j 10:24	0°♎	
max. Earth dist.	-2773 Oct 07 j 19:01	1°♎46'25	2.41000 AU
desc. node	-2773 Oct 15 j 08:27	7°♎29'20	
conjunction	-2773 Nov 13 j 04:27	29°♎38'50	-0°19'55
minimum elong	-2773 Nov 13 j 02:58	29°♎35'57	0°19'55
	-2773 Nov 13 j 15:20	0°♏	
	-2773 Dec 21 j 22:27	0°♐	
morning rise	-2772 Jan 17 j 19:13	21°♐05'55	
	-2772 Jan 29 j 05:00	0°♑	
	-2772 Mar 08 j 08:01	0°♒	
	-2772 Apr 18 j 03:43	0°♓	
	-2772 May 31 j 12:13	0°♈	
	-2772 Jul 17 j 15:30	0°♉	
asc. node	-2772 Aug 21 j 15:38	19°♉51'24	
	-2772 Sep 11 j 03:45	0°♊	
retrograde	-2772 Nov 08 j 16:49	16°♊00'20	
opposition	-2772 Dec 18 j 13:01	6°♊25'28	3°47'50
greatest brilliancy	-2772 Dec 18 j 13:41	6°♊24'47	-1.3m
min. Earth dist.	-2772 Dec 19 j 06:57	6°♊07'35	0.67318 AU
	-2771 Jan 05 j 04:55	30°℞♉	
direct	-2771 Jan 28 j 09:22	26°♉32'37	
	-2771 Feb 22 j 11:43	0°♊	
	-2771 May 02 j 10:23	0°♋	
	-2771 Jun 21 j 07:03	0°♌	
	-2771 Aug 04 j 16:21	0°♍	
desc. node	-2771 Sep 01 j 06:53	19°♍55'34	
	-2771 Sep 14 j 19:47	0°♎	
	-2771 Oct 23 j 22:50	0°♏	
evening set	-2771 Nov 16 j 05:32	18°♏15'27	
	-2771 Dec 01 j 02:52	0°♐	
	-2770 Jan 08 j 07:38	0°♑	
conjunction	-2770 Jan 21 j 08:55	10°♑07'17	-1°06'47
minimum elong	-2770 Jan 21 j 08:36	10°♑06'41	1°06'52
	-2770 Feb 16 j 10:33	0°♒	
max. Earth dist.	-2770 Mar 12 j 12:09	17°♒52'38	2.42768 AU
morning rise	-2770 Mar 28 j 03:03	29°♒12'41	
	-2770 Mar 29 j 05:25	0°♓	
	-2770 May 11 j 04:54	0°♈	
	-2770 Jun 25 j 17:43	0°♉	
asc. node	-2770 Jul 09 j 14:32	8°♉46'13	
	-2770 Aug 13 j 12:19	0°♊	
	-2770 Oct 07 j 21:37	0°♋	
retrograde	-2770 Dec 15 j 04:45	20°♋03'47	
opposition	-2769 Jan 22 j 17:37	11°♋14'02	4°52'30
greatest brilliancy	-2769 Jan 23 j 10:43	10°♋57'26	-1.4m
min. Earth dist.	-2769 Jan 27 j 08:08	9°♋26'48	0.63665 AU
direct	-2769 Mar 04 j 23:31	1°♋14'35	
	-2769 May 26 j 07:24	0°♌	
	-2769 Jul 13 j 10:34	0°♍	
desc. node	-2769 Jul 20 j 04:54	4°♍36'18	
	-2769 Aug 24 j 18:36	0°♎	
	-2769 Oct 03 j 08:57	0°♏	
	-2769 Nov 10 j 19:35	0°♐	
	-2769 Dec 19 j 06:58	0°♑	
evening set	-2768 Jan 23 j 23:12	27°♑10'39	
	-2768 Jan 27 j 17:47	0°♒	
	-2768 Mar 08 j 20:49	0°♓	
conjunction	-2768 Mar 23 j 20:55	10°♓35'37	-0°36'13
minimum elong	-2768 Mar 23 j 22:49	10°♓38'56	0°36'13
	-2768 Apr 21 j 00:58	0°♈	
max. Earth dist.	-2768 Apr 25 j 18:49	3°♈12'37	2.55510 AU
morning rise	-2768 May 17 j 18:07	17°♈52'28	
asc. node	-2768 May 26 j 13:55	23°♈40'42	
	-2768 Jun 05 j 06:38	0°♉	
	-2768 Jul 22 j 10:02	0°♊	
	-2768 Sep 09 j 15:37	0°♋	
	-2768 Nov 01 j 23:30	0°♌	
retrograde	-2767 Jan 27 j 10:36	29°♌04'30	
opposition	-2767 Mar 04 j 07:32	21°♌30'40	4°13'39
greatest brilliancy	-2767 Mar 05 j 13:26	21°♌03'36	-1.9m

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

min. Earth dist.	-2767 Mar 12 j 06:25	18°♌38'16	0.53818 AU
direct	-2767 Apr 12 j 20:16	12°♌18'23	
desc. node	-2767 Jun 06 j 04:48	28°♌01'33	
	-2767 Jun 10 j 02:02	0°♍	
	-2767 Jul 29 j 04:31	0°♎	
	-2767 Sep 09 j 01:13	0°♏	
	-2767 Oct 18 j 17:12	0°♐	
	-2767 Nov 27 j 03:03	0°♑	
	-2766 Jan 06 j 10:18	0°♒	
	-2766 Feb 17 j 08:01	0°♓	
evening set	-2766 Mar 19 j 01:23	20°♓30'05	
	-2766 Apr 02 j 03:04	0°♈	
asc. node	-2766 Apr 13 j 11:12	7°♈34'17	
conjunction	-2766 May 09 j 22:36	24°♈59'20	0°15'08
minimum elong	-2766 May 09 j 21:58	24°♈58'19	0°15'10
behind sun begin	-2766 May 09 j 16:22	24°♈49'11	
behind sun end	-2766 May 10 j 03:35	25°♈07'26	
	-2766 May 17 j 15:34	0°♉	
max. Earth dist.	-2766 May 24 j 05:58	4°♉16'26	2.64033 AU
morning rise	-2766 Jun 27 j 03:04	26°♉00'11	
	-2766 Jul 03 j 09:47	0°♊	
	-2766 Aug 19 j 21:17	0°♋	
	-2766 Oct 06 j 22:37	0°♌	
	-2766 Nov 25 j 07:44	0°♍	
	-2765 Jan 18 j 07:09	0°♎	
retrograde	-2765 Mar 31 j 00:31	22°♎29'02	
desc. node	-2765 Apr 24 j 05:04	19°♎01'14	
opposition	-2765 May 01 j 16:15	16°♎54'15	-0°30'13
greatest brilliancy	-2765 May 01 j 19:10	16°♎52'06	-2.7m
min. Earth dist.	-2765 May 08 j 07:46	14°♎57'13	0.41094 AU
direct	-2765 Jun 04 j 09:29	10°♎25'02	
	-2765 Aug 03 j 06:11	0°♏	
	-2765 Sep 20 j 00:58	0°♐	
	-2765 Nov 02 j 05:06	0°♑	
	-2765 Dec 14 j 23:41	0°♒	
	-2764 Jan 27 j 16:31	0°♓	
asc. node	-2764 Feb 29 j 08:26	21°♓49'33	
	-2764 Mar 12 j 18:35	0°♈	
	-2764 Apr 28 j 02:24	0°♉	
evening set	-2764 Apr 30 j 15:42	1°♉38'13	
	-2764 Jun 14 j 02:16	0°♊	
max. Earth dist.	-2764 Jun 16 j 04:38	1°♊20'14	2.67211 AU
conjunction	-2764 Jun 17 j 07:24	2°♊02'52	0°53'55
minimum elong	-2764 Jun 17 j 06:09	2°♊00'53	0°53'58
	-2764 Jul 31 j 00:54	0°♋	
morning rise	-2764 Aug 01 j 14:44	1°♋00'46	
	-2764 Sep 15 j 08:53	0°♌	
	-2764 Oct 30 j 21:56	0°♍	
	-2764 Dec 14 j 20:05	0°♎	
	-2763 Jan 28 j 15:37	0°♏	
desc. node	-2763 Mar 11 j 04:50	27°♏06'48	
	-2763 Mar 15 j 19:00	0°♐	
	-2763 May 09 j 16:28	0°♑	
retrograde	-2763 Jun 17 j 06:57	8°♑59'15	
min. Earth dist.	-2763 Jul 14 j 01:26	4°♑32'26	0.39238 AU
greatest brilliancy	-2763 Jul 18 j 08:42	3°♑18'19	-2.8m
opposition	-2763 Jul 19 j 13:18	2°♑57'37	-6°40'17
	-2763 Jul 30 j 14:59	30°℞♐	
direct	-2763 Aug 18 j 15:51	27°♐41'58	
	-2763 Sep 06 j 19:25	0°♑	
	-2763 Nov 13 j 06:12	0°♒	
	-2762 Jan 02 j 11:55	0°♓	
asc. node	-2762 Jan 16 j 07:39	8°♓32'05	
	-2762 Feb 19 j 19:56	0°♈	
	-2762 Apr 08 j 21:58	0°♉	
	-2762 May 26 j 17:50	0°♊	
evening set	-2762 Jun 08 j 08:22	7°♊58'25	
max. Earth dist.	-2762 Jul 10 j 06:11	28°♊22'24	2.64961 AU
	-2762 Jul 12 j 18:39	0°♋	
conjunction	-2762 Jul 24 j 15:44	7°♋42'19	1°10'34
minimum elong	-2762 Jul 24 j 15:32	7°♋41'59	1°10'38
	-2762 Aug 27 j 11:15	0°♌	
morning rise	-2762 Sep 08 j 03:48	7°♌50'43	
	-2762 Oct 10 j 13:32	0°♍	
	-2762 Nov 22 j 02:44	0°♎	
	-2761 Jan 02 j 09:53	0°♏	
desc. node	-2761 Jan 27 j 04:40	18°♏18'04	
	-2761 Feb 11 j 23:07	0°♐	
	-2761 Mar 24 j 16:10	0°♑	
	-2761 May 06 j 08:15	0°♒	
	-2761 Jun 25 j 22:54	0°♓	
retrograde	-2761 Aug 13 j 00:31	13°♓25'50	
min. Earth dist.	-2761 Sep 12 j 03:55	7°♓12'28	0.50929 AU
opposition	-2761 Sep 19 j 20:40	4°♓20'57	-3°26'22
greatest brilliancy	-2761 Sep 18 j 23:47	4°♓40'23	-2.1m
	-2761 Oct 02 j 18:33	30°℞♒	
direct	-2761 Oct 24 j 05:36	26°♒54'27	
	-2761 Nov 16 j 04:36	0°♓	
asc. node	-2761 Dec 04 j 07:26	5°♓45'27	
	-2760 Jan 24 j 17:13	0°♈	
	-2760 Mar 17 j 18:22	0°♉	
	-2760 May 06 j 14:41	0°♊	
	-2760 Jun 23 j 09:05	0°♋	
evening set	-2760 Jul 15 j 21:19	14°♋36'54	
max. Earth dist.	-2760 Aug 05 j 01:24	28°♋00'26	2.57533 AU
	-2760 Aug 08 j 00:33	0°♌	
conjunction	-2760 Sep 01 j 17:08	16°♌51'27	0°57'44
minimum elong	-2760 Sep 01 j 18:32	16°♌53'54	0°57'47
	-2760 Sep 20 j 12:02	0°♍	
morning rise	-2760 Oct 21 j 09:28	22°♍12'14	
	-2760 Nov 01 j 00:22	0°♎	
	-2760 Dec 11 j 00:12	0°♏	
desc. node	-2760 Dec 14 j 03:41	2°♏23'43	
	-2759 Jan 19 j 02:22	0°♐	
	-2759 Feb 27 j 01:57	0°♑	
	-2759 Apr 07 j 22:51	0°♒	
	-2759 May 20 j 02:58	0°♓	
	-2759 Jul 06 j 13:50	0°♈	
retrograde	-2759 Sep 22 j 00:12	27°♈31'40	
asc. node	-2759 Oct 21 j 06:47	21°♈41'53	
min. Earth dist.	-2759 Oct 27 j 07:28	19°♈22'58	0.61726 AU
opposition	-2759 Oct 31 j 19:27	17°♈35'15	0°25'49
greatest brilliancy	-2759 Oct 31 j 17:32	17°♈37'09	-1.6m
direct	-2759 Dec 08 j 19:12	8°♈40'50	
	-2758 Feb 18 j 01:53	0°♉	
	-2758 Apr 15 j 06:32	0°♊	
	-2758 Jun 04 j 01:24	0°♋	
	-2758 Jul 20 j 06:57	0°♌	
evening set	-2758 Aug 28 j 03:25	26°♌47'16	
	-2758 Sep 01 j 15:57	0°♍	
max. Earth dist.	-2758 Sep 12 j 09:30	7°♍41'55	2.45894 AU
	-2758 Oct 12 j 17:00	0°♎	
conjunction	-2758 Oct 20 j 18:36	6°♎03'42	0°07'47
minimum elong	-2758 Oct 20 j 19:06	6°♎04'39	0°07'46
behind sun begin	-2758 Oct 19 j 21:41	5°♎24'17	
behind sun end	-2758 Oct 21 j 16:31	6°♎45'03	
desc. node	-2758 Nov 01 j 01:14	14°♎37'03	
	-2758 Nov 21 j 01:42	0°♏	
morning rise	-2758 Dec 20 j 05:07	22°♏42'25	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2758 Dec 29 j 12:28	0°♐	
	-2757 Feb 05 j 21:45	0°♑	
	-2757 Mar 17 j 02:48	0°♒	
	-2757 Apr 27 j 01:29	0°♓	
	-2757 Jun 09 j 19:45	0°♈	
	-2757 Jul 28 j 11:33	0°♉	
asc. node	-2757 Sep 08 j 06:38	21°♉06'30	
	-2757 Oct 03 j 23:35	0°♊	
retrograde	-2757 Oct 27 j 06:38	3°♊08'39	
	-2757 Nov 17 j 23:53	30°℞♉	
opposition	-2757 Dec 06 j 07:54	23°♉22'06	3°04'20
greatest brilliancy	-2757 Dec 06 j 04:31	23°♉25'30	-1.3m
min. Earth dist.	-2757 Dec 05 j 13:52	23°♉40'11	0.66988 AU
direct	-2756 Jan 15 j 14:50	13°♉40'01	
	-2756 Mar 16 j 06:00	0°♊	
	-2756 May 12 j 06:00	0°♋	
	-2756 Jun 29 j 10:23	0°♌	
	-2756 Aug 12 j 07:59	0°♍	
desc. node	-2756 Sep 18 j 00:00	26°♍44'39	
	-2756 Sep 22 j 08:14	0°♎	
evening set	-2756 Oct 21 j 05:55	22°♎04'03	
	-2756 Oct 31 j 11:03	0°♏	
	-2756 Dec 08 j 15:19	0°♐	
conjunction	-2756 Dec 24 j 06:23	12°♐19'05	-0°57'37
minimum elong	-2756 Dec 24 j 03:32	12°♐13'31	0°57'40
	-2755 Jan 15 j 19:47	0°♑	
max. Earth dist.	-2755 Jan 27 j 18:26	9°♑16'17	2.38191 AU
	-2755 Feb 23 j 21:40	0°♒	
morning rise	-2755 Mar 02 j 19:35	5°♒11'37	
	-2755 Apr 05 j 15:17	0°♓	
	-2755 May 18 j 15:37	0°♈	
	-2755 Jul 03 j 12:53	0°♉	
asc. node	-2755 Jul 26 j 06:15	14°♉00'33	
	-2755 Aug 22 j 17:25	0°♊	
	-2755 Oct 25 j 12:04	0°♋	
retrograde	-2755 Nov 30 j 11:34	6°♋44'00	
	-2754 Jan 02 j 08:29	30°℞♊	
opposition	-2754 Jan 08 j 16:04	27°♊33'46	4°36'17
greatest brilliancy	-2754 Jan 09 j 02:06	27°♊23'53	-1.4m
min. Earth dist.	-2754 Jan 11 j 18:18	26°♊20'43	0.65888 AU
direct	-2754 Feb 18 j 22:58	17°♊32'36	
	-2754 Apr 10 j 13:56	0°♋	
	-2754 Jun 06 j 08:22	0°♌	
	-2754 Jul 22 j 08:58	0°♍	
desc. node	-2754 Aug 05 j 23:27	10°♍14'55	
	-2754 Sep 02 j 01:24	0°♎	
	-2754 Oct 11 j 09:15	0°♏	
	-2754 Nov 18 j 15:38	0°♐	
	-2754 Dec 26 j 22:48	0°♑	
evening set	-2754 Dec 29 j 02:50	1°♑40'54	
	-2753 Feb 04 j 05:00	0°♒	
conjunction	-2753 Mar 02 j 17:21	19°♒35'52	-0°54'07
minimum elong	-2753 Mar 02 j 19:45	19°♒40'14	0°54'08
	-2753 Mar 17 j 03:15	0°♓	
max. Earth dist.	-2753 Apr 12 j 20:09	18°♓48'03	2.50864 AU
	-2753 Apr 29 j 03:51	0°♈	
morning rise	-2753 Apr 30 j 14:03	0°♈58'03	
asc. node	-2753 Jun 13 j 04:31	29°♈51'34	
	-2753 Jun 13 j 09:44	0°♉	
	-2753 Jul 30 j 22:40	0°♊	
	-2753 Sep 19 j 13:57	0°♋	
	-2753 Nov 17 j 20:25	0°♌	
retrograde	-2752 Jan 09 j 18:32	13°♌03'42	
opposition	-2752 Feb 15 j 21:27	4°♌55'15	4°46'15
greatest brilliancy	-2752 Feb 17 j 00:30	4°♌29'52	-1.7m
min. Earth dist.	-2752 Feb 22 j 16:51	2°♌22'05	0.58356 AU
	-2752 Feb 29 j 09:54	30°℞♋	
direct	-2752 Mar 27 j 10:42	25°♋14'40	
	-2752 Apr 24 j 22:13	0°♌	
desc. node	-2752 Jun 22 j 21:45	28°♌36'47	
	-2752 Jun 25 j 04:05	0°♍	
	-2752 Aug 08 j 23:00	0°♎	
	-2752 Sep 18 j 12:32	0°♏	
	-2752 Oct 27 j 12:18	0°♐	
	-2752 Dec 05 j 09:58	0°♑	
	-2751 Jan 14 j 06:32	0°♒	
	-2751 Feb 24 j 18:35	0°♓	
evening set	-2751 Feb 27 j 08:54	1°♓49'54	
	-2751 Apr 09 j 05:51	0°♈	
conjunction	-2751 Apr 22 j 23:04	9°♈12'02	-0°04'14
minimum elong	-2751 Apr 22 j 23:16	9°♈12'23	0°04'12
behind sun begin	-2751 Apr 22 j 02:12	8°♈37'16	
behind sun end	-2751 Apr 23 j 20:21	9°♈47'28	
asc. node	-2751 Apr 30 j 03:05	13°♈57'46	
max. Earth dist.	-2751 May 14 j 02:09	23°♈09'26	2.61299 AU
	-2751 May 24 j 13:46	0°♉	
morning rise	-2751 Jun 12 j 05:51	12°♉03'46	
	-2751 Jul 10 j 09:10	0°♊	
	-2751 Aug 27 j 07:42	0°♋	
	-2751 Oct 15 j 16:08	0°♌	
	-2751 Dec 07 j 15:45	0°♍	
retrograde	-2750 Mar 03 j 13:57	29°♍12'59	
opposition	-2750 Apr 05 j 23:41	22°♍48'03	2°03'49
greatest brilliancy	-2750 Apr 06 j 17:28	22°♍33'27	-2.4m
min. Earth dist.	-2750 Apr 14 j 07:09	20°♍05'19	0.45841 AU
desc. node	-2750 May 10 j 20:52	15°♍00'33	
direct	-2750 May 12 j 13:17	14°♍59'21	
	-2750 Jul 03 j 01:09	0°♎	
	-2750 Aug 21 j 07:10	0°♏	
	-2750 Oct 02 j 13:55	0°♐	
	-2750 Nov 12 j 12:30	0°♑	
	-2750 Dec 23 j 22:45	0°♒	
	-2749 Feb 04 j 17:20	0°♓	
asc. node	-2749 Mar 18 j 01:21	27°♓56'15	
	-2749 Mar 21 j 03:56	0°♈	
evening set	-2749 Apr 15 j 13:16	16°♈41'14	
	-2749 May 06 j 01:55	0°♉	
conjunction	-2749 Jun 03 j 11:45	18°♉14'25	0°41'07
minimum elong	-2749 Jun 03 j 10:30	18°♉12'24	0°41'10
max. Earth dist.	-2749 Jun 08 j 03:44	21°♉13'18	2.66599 AU
	-2749 Jun 21 j 21:53	0°♊	
morning rise	-2749 Jul 19 j 13:34	17°♊37'17	
	-2749 Aug 07 j 23:22	0°♋	
	-2749 Sep 23 j 19:11	0°♌	
	-2749 Nov 09 j 09:00	0°♍	
	-2749 Dec 26 j 04:46	0°♎	
	-2748 Feb 12 j 18:40	0°♏	
desc. node	-2748 Mar 27 j 21:44	23°♏52'48	
	-2748 Apr 11 j 04:20	0°♐	
retrograde	-2748 May 18 j 11:33	7°♐57'49	
min. Earth dist.	-2748 Jun 17 j 07:07	3°♐04'07	0.37599 AU
opposition	-2748 Jun 18 j 00:56	2°♐52'16	-5°24'48
greatest brilliancy	-2748 Jun 17 j 19:39	2°♐55'46	-2.9m
	-2748 Jun 29 j 15:10	30°℞♏	
direct	-2748 Jul 17 j 23:15	27°♏52'50	
	-2748 Aug 05 j 03:59	0°♐	
	-2748 Oct 09 j 21:46	0°♑	
	-2748 Nov 27 j 00:37	0°♒	
	-2747 Jan 12 j 09:37	0°♓	
asc. node	-2747 Feb 01 j 23:22	13°♓16'57	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2747 Feb 28 j 00:43	0°♈	
	-2747 Apr 16 j 05:49	0°♉	
evening set	-2747 May 24 j 13:11	24°♉13'39	
	-2747 Jun 02 j 15:45	0°♊	
max. Earth dist.	-2747 Jun 30 j 18:06	17°♊53'44	2.66473 AU
conjunction	-2747 Jul 10 j 01:44	23°♊52'16	1°07'09
minimum elong	-2747 Jul 10 j 00:59	23°♊51'04	1°07'13
	-2747 Jul 19 j 14:11	0°♋	
morning rise	-2747 Aug 24 j 02:54	23°♋09'46	
	-2747 Sep 03 j 11:03	0°♌	
	-2747 Oct 17 j 24:00	0°♍	
	-2747 Nov 30 j 05:51	0°♎	
	-2746 Jan 11 j 11:17	0°♏	
desc. node	-2746 Feb 12 j 21:24	23°♏18'16	
	-2746 Feb 22 j 04:59	0°♐	
	-2746 Apr 05 j 16:34	0°♑	
	-2746 May 22 j 15:03	0°♒	
retrograde	-2746 Jul 24 j 14:16	21°♒39'24	
min. Earth dist.	-2746 Aug 21 j 15:54	16°♒18'46	0.45857 AU
greatest brilliancy	-2746 Aug 28 j 10:17	13°♒58'31	-2.4m
opposition	-2746 Aug 29 j 18:29	13°♒30'36	-5°08'09
direct	-2746 Oct 01 j 07:20	6°♒54'13	
	-2746 Dec 12 j 09:40	0°♓	
asc. node	-2746 Dec 20 j 22:37	4°♓24'27	
	-2745 Feb 04 j 17:25	0°♈	
	-2745 Mar 27 j 02:11	0°♉	
	-2745 May 14 j 22:35	0°♊	
evening set	-2745 Jul 01 j 14:49	0°♋10'42	
	-2745 Jul 01 j 08:10	0°♋	
max. Earth dist.	-2745 Jul 25 j 23:25	16°♋02'41	2.61022 AU
	-2745 Aug 15 j 22:54	0°♌	
conjunction	-2745 Aug 17 j 11:07	1°♌00'52	1°06'47
minimum elong	-2745 Aug 17 j 11:57	1°♌02'16	1°06'50
	-2745 Sep 28 j 14:54	0°♍	
morning rise	-2745 Oct 03 j 21:42	3°♍43'17	
	-2745 Nov 09 j 11:04	0°♎	
	-2745 Dec 19 j 20:36	0°♏	
desc. node	-2745 Dec 31 j 20:28	9°♏03'37	
	-2744 Jan 28 j 08:58	0°♐	
	-2744 Mar 07 j 19:08	0°♑	
	-2744 Apr 17 j 06:25	0°♒	
	-2744 May 30 j 17:50	0°♓	
	-2744 Jul 22 j 17:23	0°♈	
retrograde	-2744 Sep 07 j 03:42	12°♈02'26	
min. Earth dist.	-2744 Oct 10 j 13:41	4°♈33'48	0.58059 AU
opposition	-2744 Oct 16 j 10:51	2°♈15'04	-0°55'34
greatest brilliancy	-2744 Oct 16 j 06:27	2°♈19'24	-1.8m
	-2744 Oct 22 j 07:28	30°♓℞	
asc. node	-2744 Nov 06 j 22:29	25°♓22'10	
direct	-2744 Nov 22 j 04:42	23°♓48'59	
	-2744 Dec 26 j 07:12	0°♈	
	-2743 Mar 02 j 01:14	0°♉	
	-2743 Apr 23 j 17:22	0°♊	
	-2743 Jun 11 j 12:02	0°♋	
	-2743 Jul 27 j 10:22	0°♌	
evening set	-2743 Aug 10 j 07:30	9°♌25'02	
max. Earth dist.	-2743 Aug 25 j 20:04	20°♌09'11	2.50820 AU
	-2743 Sep 08 j 19:31	0°♍	
conjunction	-2743 Sep 29 j 24:00	15°♍15'14	0°31'46
minimum elong	-2743 Sep 30 j 01:31	15°♍18'00	0°31'46
	-2743 Oct 20 j 00:04	0°♎	
desc. node	-2743 Nov 17 j 19:51	21°♎45'49	
morning rise	-2743 Nov 24 j 08:34	26°♎45'54	
	-2743 Nov 28 j 13:36	0°♏	

	-2742 Jan 06 j 05:01	0°♐	
	-2742 Feb 13 j 18:03	0°♑	
	-2742 Mar 25 j 02:39	0°♒	
	-2742 May 05 j 07:29	0°♓	
	-2742 Jun 18 j 19:39	0°♈	
	-2742 Aug 09 j 12:27	0°♉	
asc. node	-2742 Sep 24 j 21:31	17°♉49'41	
retrograde	-2742 Oct 13 j 20:57	20°♉00'15	
min. Earth dist.	-2742 Nov 20 j 17:46	10°♉59'36	0.65671 AU
opposition	-2742 Nov 22 j 23:15	10°♉05'50	2°11'10
greatest brilliancy	-2742 Nov 22 j 18:00	10°♉11'07	-1.4m
direct	-2741 Jan 01 j 11:56	0°♉38'50	
	-2741 Mar 30 j 01:39	0°♊	
	-2741 May 21 j 22:36	0°♋	
	-2741 Jul 08 j 03:07	0°♌	
	-2741 Aug 20 j 18:13	0°♍	
evening set	-2741 Sep 28 j 18:08	28°♍30'16	
	-2741 Sep 30 j 17:59	0°♎	
desc. node	-2741 Oct 05 j 17:59	3°♎45'54	
max. Earth dist.	-2741 Oct 29 j 16:28	22°♎03'23	2.38731 AU
	-2741 Nov 08 j 22:28	0°♏	
conjunction	-2741 Nov 27 j 14:58	14°♏36'34	-0°35'26
minimum elong	-2741 Nov 27 j 12:22	14°♏31'27	0°35'27
	-2741 Dec 17 j 04:31	0°♐	
	-2740 Jan 24 j 09:47	0°♑	
morning rise	-2740 Feb 03 j 08:22	7°♑43'15	
	-2740 Mar 03 j 11:29	0°♒	
	-2740 Apr 13 j 04:59	0°♓	
	-2740 May 26 j 08:16	0°♈	
	-2740 Jul 11 j 20:10	0°♉	
asc. node	-2740 Aug 11 j 20:57	18°♉20'00	
	-2740 Sep 02 j 13:25	0°♊	
retrograde	-2740 Nov 16 j 12:52	23°♊48'47	
opposition	-2740 Dec 26 j 04:25	14°♊21'46	4°08'41
greatest brilliancy	-2740 Dec 26 j 08:07	14°♊18'06	-1.3m
min. Earth dist.	-2740 Dec 27 j 18:33	13°♊43'52	0.67089 AU
direct	-2739 Feb 05 j 05:46	4°♊24'32	
	-2739 Apr 25 j 03:34	0°♋	
	-2739 Jun 15 j 17:04	0°♌	
	-2739 Jul 30 j 14:30	0°♍	
desc. node	-2739 Aug 22 j 16:00	16°♍29'54	
	-2739 Sep 09 j 22:12	0°♎	
	-2739 Oct 19 j 02:56	0°♏	
	-2739 Nov 26 j 07:37	0°♐	
evening set	-2739 Dec 01 j 15:28	4°♐12'05	
	-2738 Jan 03 j 12:45	0°♑	
conjunction	-2738 Feb 05 j 15:08	25°♑26'18	-1°05'26
minimum elong	-2738 Feb 05 j 16:22	25°♑28'39	1°05'30
	-2738 Feb 11 j 16:11	0°♒	
	-2738 Mar 24 j 11:15	0°♓	
max. Earth dist.	-2738 Mar 25 j 19:26	0°♓57'42	2.45694 AU
morning rise	-2738 Apr 10 j 00:30	11°♓45'20	
	-2738 May 06 j 09:43	0°♈	
	-2738 Jun 20 j 18:05	0°♉	
asc. node	-2738 Jun 29 j 21:01	5°♉50'03	
	-2738 Aug 07 j 22:07	0°♊	
	-2738 Sep 29 j 21:58	0°♋	
retrograde	-2738 Dec 24 j 02:08	28°♋26'26	
opposition	-2737 Jan 31 j 04:21	19°♋49'55	4°55'07
greatest brilliancy	-2737 Feb 01 j 01:21	19°♋29'43	-1.5m
min. Earth dist.	-2737 Feb 05 j 14:27	17°♋44'52	0.62043 AU
direct	-2737 Mar 13 j 06:47	9°♋54'17	
	-2737 May 17 j 18:38	0°♌	
	-2737 Jul 07 j 07:28	0°♍	
desc. node	-2737 Jul 10 j 14:44	2°♍11'15	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2737 Aug 19 j 07:20	0°♎	
	-2737 Sep 28 j 04:19	0°♏	
	-2737 Nov 05 j 18:33	0°♐	
	-2737 Dec 14 j 08:23	0°♑	
	-2736 Jan 22 j 21:30	0°♒	
evening set	-2736 Feb 06 j 11:24	10°♒46'20	
	-2736 Mar 04 j 02:35	0°♓	
conjunction	-2736 Apr 04 j 08:26	21°♓49'28	-0°24'37
minimum elong	-2736 Apr 04 j 09:43	21°♓51'41	0°24'37
	-2736 Apr 16 j 08:06	0°♈	
max. Earth dist.	-2736 May 02 j 19:22	11°♈04'20	2.57788 AU
asc. node	-2736 May 16 j 19:22	20°♈20'53	
morning rise	-2736 May 27 j 09:15	27°♈16'51	
	-2736 May 31 j 13:25	0°♉	
	-2736 Jul 17 j 12:25	0°♊	
	-2736 Sep 04 j 03:34	0°♋	
	-2736 Oct 25 j 13:27	0°♌	
	-2736 Dec 26 j 05:28	0°♍	
retrograde	-2735 Feb 08 j 05:56	9°♍32'30	
opposition	-2735 Mar 15 j 06:53	2°♍20'56	3°39'11
greatest brilliancy	-2735 Mar 16 j 11:16	1°♍55'56	-2.1m
	-2735 Mar 21 j 22:38	30°℞♌	
min. Earth dist.	-2735 Mar 23 j 14:35	29°♌25'29	0.51060 AU
direct	-2735 Apr 22 j 23:10	23°♌32'04	
	-2735 May 25 j 16:08	0°♍	
desc. node	-2735 May 27 j 13:52	0°♍42'32	
	-2735 Jul 21 j 07:18	0°♎	
	-2735 Sep 02 j 14:27	0°♏	
	-2735 Oct 12 j 21:48	0°♐	
	-2735 Nov 21 j 17:00	0°♑	
	-2734 Jan 01 j 07:14	0°♒	
	-2734 Feb 12 j 10:19	0°♓	
	-2734 Mar 28 j 09:18	0°♈	
evening set	-2734 Mar 29 j 10:18	0°♈41'47	
asc. node	-2734 Apr 03 j 16:53	4°♈12'49	
	-2734 May 13 j 00:02	0°♉	
conjunction	-2734 May 19 j 02:38	3°♉57'09	0°25'24
minimum elong	-2734 May 19 j 01:40	3°♉55'36	0°25'27
max. Earth dist.	-2734 May 29 j 21:36	10°♉54'18	2.65176 AU
	-2734 Jun 28 j 18:05	0°♊	
morning rise	-2734 Jul 05 j 09:38	4°♊13'53	
	-2734 Aug 15 j 00:55	0°♋	
	-2734 Oct 01 j 13:30	0°♌	
	-2734 Nov 18 j 16:00	0°♍	
	-2733 Jan 07 j 21:50	0°♎	
	-2733 Mar 09 j 13:41	0°♏	
desc. node	-2733 Apr 14 j 13:19	8°♏02'23	
retrograde	-2733 Apr 17 j 12:25	8°♏05'39	
opposition	-2733 May 18 j 05:51	2°♏53'37	-2°21'14
greatest brilliancy	-2733 May 18 j 14:05	2°♏47'54	-2.8m
min. Earth dist.	-2733 May 22 j 19:57	1°♏37'09	0.39107 AU
	-2733 May 28 j 23:35	30°℞♎	
direct	-2733 Jun 19 j 08:41	27°♎08'03	
	-2733 Jul 10 j 06:15	0°♏	
	-2733 Sep 10 j 03:50	0°♐	
	-2733 Oct 25 j 21:59	0°♑	
	-2733 Dec 08 j 21:20	0°♒	
	-2732 Jan 22 j 07:00	0°♓	
asc. node	-2732 Feb 19 j 15:13	18°♓46'30	
	-2732 Mar 07 j 19:17	0°♈	
	-2732 Apr 23 j 09:08	0°♉	
evening set	-2732 May 09 j 11:46	10°♉16'21	
	-2732 Jun 09 j 11:54	0°♊	
max. Earth dist.	-2732 Jun 21 j 12:20	7°♊39'18	2.67185 AU
conjunction	-2732 Jun 25 j 14:54	10°♊16'26	0°59'48
minimum elong	-2732 Jun 25 j 13:46	10°♊14'38	0°59'52
	-2732 Jul 26 j 10:06	0°♋	
morning rise	-2732 Aug 09 j 16:46	9°♋12'53	
	-2732 Sep 10 j 13:49	0°♌	
	-2732 Oct 25 j 17:14	0°♍	
	-2732 Dec 08 j 22:20	0°♎	
	-2731 Jan 21 j 13:32	0°♏	
desc. node	-2731 Mar 01 j 14:49	26°♏44'50	
	-2731 Mar 06 j 10:27	0°♐	
	-2731 Apr 22 j 07:24	0°♑	
retrograde	-2731 Jul 01 j 23:15	25°♑53'32	
min. Earth dist.	-2731 Jul 28 j 16:57	21°♑15'45	0.41210 AU
greatest brilliancy	-2731 Aug 03 j 07:22	19°♑31'43	-2.7m
opposition	-2731 Aug 04 j 18:22	19°♑04'25	-6°27'06
direct	-2731 Sep 04 j 14:07	13°♑22'26	
	-2731 Nov 01 j 08:32	0°♒	
	-2731 Dec 26 j 08:14	0°♓	
asc. node	-2730 Jan 06 j 13:42	6°♓39'10	
	-2730 Feb 14 j 03:30	0°♈	
	-2730 Apr 03 j 21:22	0°♉	
	-2730 May 22 j 00:53	0°♊	
evening set	-2730 Jun 16 j 18:57	16°♊17'03	
	-2730 Jul 08 j 04:31	0°♋	
max. Earth dist.	-2730 Jul 15 j 21:58	5°♋00'02	2.63788 AU
conjunction	-2730 Aug 02 j 03:29	16°♋15'27	1°10'33
minimum elong	-2730 Aug 02 j 03:39	16°♋15'44	1°10'36
	-2730 Aug 22 j 20:37	0°♌	
morning rise	-2730 Sep 17 j 03:15	17°♌06'30	
	-2730 Oct 05 j 19:23	0°♍	
	-2730 Nov 17 j 02:24	0°♎	
	-2730 Dec 28 j 01:10	0°♏	
desc. node	-2729 Jan 17 j 14:27	15°♏19'27	
	-2729 Feb 06 j 04:05	0°♐	
	-2729 Mar 18 j 06:46	0°♑	
	-2729 Apr 28 j 19:51	0°♒	
	-2729 Jun 14 j 05:19	0°♓	
retrograde	-2729 Aug 23 j 01:26	24°♓47'17	
min. Earth dist.	-2729 Sep 23 j 09:02	18°♓05'31	0.53609 AU
opposition	-2729 Sep 30 j 12:26	15°♓22'06	-2°28'35
greatest brilliancy	-2729 Sep 29 j 22:18	15°♓35'37	-2.0m
direct	-2729 Nov 04 j 19:20	7°♓31'54	
asc. node	-2729 Nov 24 j 12:40	9°♓50'20	
	-2728 Jan 16 j 04:48	0°♈	
	-2728 Mar 11 j 21:15	0°♉	
	-2728 May 01 j 13:37	0°♊	
	-2728 Jun 18 j 15:57	0°♋	
evening set	-2728 Jul 24 j 21:21	23°♋37'21	
	-2728 Aug 03 j 10:01	0°♌	
max. Earth dist.	-2728 Aug 12 j 02:16	5°♌52'05	2.55305 AU
conjunction	-2728 Sep 11 j 12:26	26°♌55'26	0°49'57
minimum elong	-2728 Sep 11 j 14:02	26°♌58'16	0°49'58
	-2728 Sep 15 j 20:59	0°♍	
	-2728 Oct 27 j 06:45	0°♎	
morning rise	-2728 Nov 01 j 20:59	4°♎09'06	
desc. node	-2728 Dec 04 j 12:28	28°♎46'38	
	-2728 Dec 06 j 02:54	0°♏	
	-2727 Jan 14 j 01:07	0°♐	
	-2727 Feb 21 j 20:17	0°♑	
	-2727 Apr 02 j 11:21	0°♒	
	-2727 May 14 j 03:46	0°♓	
	-2727 Jun 29 j 01:33	0°♈	
	-2727 Aug 28 j 04:51	0°♉	
retrograde	-2727 Sep 30 j 03:53	6°♉14'30	
asc. node	-2727 Oct 11 j 12:55	5°♉20'43	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2727 Oct 30 j 15:56	30°℞♈	
min. Earth dist.	-2727 Nov 05 j 09:51	27°♈45'58	0.63369 AU
opposition	-2727 Nov 09 j 02:28	26°♈17'05	1°07'44
greatest brilliancy	-2727 Nov 08 j 22:14	26°♈21'21	-1.5m
direct	-2727 Dec 17 j 16:14	17°♈09'46	
	-2726 Feb 08 j 04:13	0°♉	
	-2726 Apr 09 j 06:38	0°♊	
	-2726 May 29 j 23:21	0°♋	
	-2726 Jul 15 j 12:45	0°♌	
	-2726 Aug 28 j 00:17	0°♍	
evening set	-2726 Sep 07 j 23:35	7°♍52'04	
max. Earth dist.	-2726 Sep 25 j 06:23	20°♍29'29	2.43141 AU
	-2726 Oct 08 j 01:08	0°♎	
desc. node	-2726 Oct 22 j 10:45	10°♎52'13	
conjunction	-2726 Nov 02 j 15:14	19°♎25'06	-0°07'47
minimum elong	-2726 Nov 02 j 14:41	19°♎24'02	0°07'49
behind sun begin	-2726 Nov 01 j 16:20	18°♎41'10	
behind sun end	-2726 Nov 03 j 13:02	20°♎06'57	
	-2726 Nov 16 j 08:19	0°♏	
	-2726 Dec 24 j 17:11	0°♐	
morning rise	-2725 Jan 05 j 01:25	8°♐54'40	
	-2725 Feb 01 j 00:28	0°♑	
	-2725 Mar 12 j 03:26	0°♒	
	-2725 Apr 21 j 22:59	0°♓	
	-2725 Jun 04 j 09:11	0°♈	
	-2725 Jul 21 j 22:53	0°♉	
asc. node	-2725 Aug 29 j 12:57	21°♉05'48	
	-2725 Sep 18 j 05:04	0°♊	
retrograde	-2725 Nov 04 j 00:11	10°♊59'44	
opposition	-2725 Dec 13 j 22:45	1°♊19'20	3°30'52
greatest brilliancy	-2725 Dec 13 j 21:24	1°♊20'41	-1.3m
min. Earth dist.	-2725 Dec 14 j 00:49	1°♊17'16	0.67293 AU
	-2725 Dec 17 j 06:12	30°℞♉	
direct	-2724 Jan 23 j 13:12	21°♉30'45	
	-2724 Mar 04 j 20:22	0°♊	
	-2724 May 06 j 01:00	0°♋	
	-2724 Jun 24 j 04:47	0°♌	
	-2724 Aug 07 j 10:29	0°♍	
desc. node	-2724 Sep 08 j 09:25	23°♍09'09	
	-2724 Sep 17 j 13:37	0°♎	
	-2724 Oct 26 j 17:13	0°♏	
evening set	-2724 Nov 04 j 14:34	6°♏56'42	
	-2724 Dec 03 j 21:28	0°♐	
conjunction	-2723 Jan 09 j 03:50	28°♐30'49	-1°04'38
minimum elong	-2723 Jan 09 j 02:15	28°♐27'42	1°04'41
	-2723 Jan 11 j 01:33	0°♑	
	-2723 Feb 19 j 03:01	0°♒	
max. Earth dist.	-2723 Feb 26 j 07:45	5°♒24'26	2.40494 AU
morning rise	-2723 Mar 17 j 12:35	19°♒37'19	
	-2723 Mar 31 j 20:01	0°♓	
	-2723 May 13 j 18:04	0°♈	
	-2723 Jun 28 j 08:24	0°♉	
asc. node	-2723 Jul 16 j 11:57	11°♉23'03	
	-2723 Aug 16 j 13:16	0°♊	
	-2723 Oct 13 j 04:32	0°♋	
retrograde	-2723 Dec 08 j 19:59	14°♋45'35	
opposition	-2722 Jan 16 j 16:08	5°♋46'20	4°47'01
greatest brilliancy	-2722 Jan 17 j 06:07	5°♋32'40	-1.4m
min. Earth dist.	-2722 Jan 20 j 14:39	4°♋13'56	0.64776 AU
	-2722 Feb 01 j 07:05	30°℞♊	
direct	-2722 Feb 26 j 22:53	25°♊45'16	
	-2722 Mar 26 j 13:16	0°♋	
	-2722 May 30 j 14:18	0°♌	
	-2722 Jul 16 j 18:48	0°♍	
desc. node	-2722 Jul 27 j 07:25	7°♍15'47	
	-2722 Aug 27 j 20:46	0°♎	
	-2722 Oct 06 j 08:47	0°♏	
	-2722 Nov 13 j 17:40	0°♐	
	-2722 Dec 22 j 02:38	0°♑	
evening set	-2721 Jan 12 j 23:47	16°♑49'13	
	-2721 Jan 30 j 10:25	0°♒	
	-2721 Mar 12 j 10:03	0°♓	
conjunction	-2721 Mar 15 j 14:20	2°♓16'03	-0°44'21
minimum elong	-2721 Mar 15 j 16:34	2°♓20'02	0°44'21
max. Earth dist.	-2721 Apr 21 j 03:02	27°♓43'42	2.53504 AU
	-2721 Apr 24 j 11:04	0°♈	
morning rise	-2721 May 11 j 03:58	11°♈15'16	
asc. node	-2721 Jun 03 j 11:17	26°♈38'06	
	-2721 Jun 08 j 15:23	0°♉	
	-2721 Jul 25 j 21:15	0°♊	
	-2721 Sep 13 j 14:06	0°♋	
	-2721 Nov 07 j 17:20	0°♌	
retrograde	-2720 Jan 20 j 02:56	22°♌24'41	
opposition	-2720 Feb 25 j 13:28	14°♌34'29	4°30'35
greatest brilliancy	-2720 Feb 26 j 18:38	14°♌07'34	-1.8m
min. Earth dist.	-2720 Mar 04 j 00:50	11°♌49'16	0.55935 AU
direct	-2720 Apr 05 j 14:17	5°♌07'22	
desc. node	-2720 Jun 13 j 06:39	28°♌05'21	
	-2720 Jun 16 j 16:08	0°♍	
	-2720 Aug 02 j 12:17	0°♎	
	-2720 Sep 12 j 17:48	0°♏	
	-2720 Oct 22 j 01:55	0°♐	
	-2720 Nov 30 j 05:20	0°♑	
	-2719 Jan 09 j 06:34	0°♒	
	-2719 Feb 19 j 22:44	0°♓	
evening set	-2719 Mar 10 j 19:56	13°♓09'36	
	-2719 Apr 04 j 12:57	0°♈	
asc. node	-2719 Apr 20 j 09:01	10°♈35'21	
conjunction	-2719 May 02 j 19:58	18°♈49'21	0°07'14
minimum elong	-2719 May 02 j 19:39	18°♈48'50	0°07'15
behind sun begin	-2719 May 02 j 00:40	18°♈17'37	
behind sun end	-2719 May 03 j 14:39	19°♈20'02	
	-2719 May 19 j 22:21	0°♉	
max. Earth dist.	-2719 May 20 j 01:19	0°♉04'49	2.62921 AU
morning rise	-2719 Jun 20 j 20:43	20°♉34'03	
	-2719 Jul 05 j 16:11	0°♊	
	-2719 Aug 22 j 07:34	0°♋	
	-2719 Oct 09 j 20:40	0°♌	
	-2719 Nov 29 j 11:46	0°♍	
	-2718 Jan 27 j 08:08	0°♎	
retrograde	-2718 Mar 18 j 10:08	12°♎14'42	
opposition	-2718 Apr 19 j 21:26	6°♎17'45	0°43'52
greatest brilliancy	-2718 Apr 20 j 03:45	6°♎12'51	-2.6m
min. Earth dist.	-2718 Apr 27 j 14:17	3°♎55'18	0.43096 AU
desc. node	-2718 May 01 j 07:15	2°♎50'46	
	-2718 May 14 j 04:17	30°℞♍	
direct	-2718 May 24 j 23:11	29°♍11'29	
	-2718 Jun 04 j 21:29	0°♎	
	-2718 Aug 11 j 18:14	0°♏	
	-2718 Sep 25 j 07:48	0°♐	
	-2718 Nov 06 j 07:08	0°♑	
	-2718 Dec 18 j 08:21	0°♒	
	-2717 Jan 30 j 13:20	0°♓	
asc. node	-2717 Mar 08 j 06:07	24°♓41'11	
	-2717 Mar 16 j 06:56	0°♈	
evening set	-2717 Apr 24 j 21:18	25°♈48'26	
	-2717 May 01 j 09:28	0°♉	
conjunction	-2717 Jun 12 j 01:08	26°♉39'07	0°48'56
minimum elong	-2717 Jun 11 j 23:50	26°♉37'04	0°48'59

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

max. Earth dist.	-2717 Jun 13 j 12:06	27°♉34'51	2.67049 AU
	-2717 Jun 17 j 07:11	0°♊	
morning rise	-2717 Jul 27 j 14:58	25°♊43'56	
	-2717 Aug 03 j 06:56	0°♋	
	-2717 Sep 18 j 20:11	0°♌	
	-2717 Nov 03 j 19:29	0°♍	
	-2717 Dec 19 j 11:24	0°♎	
	-2716 Feb 03 j 14:18	0°♏	
desc. node	-2716 Mar 18 j 07:16	26°♏55'00	
	-2716 Mar 23 j 16:31	0°♐	
retrograde	-2716 Jun 04 j 19:59	25°♐57'32	
min. Earth dist.	-2716 Jul 02 j 11:05	21°♐27'16	0.38143 AU
greatest brilliancy	-2716 Jul 05 j 06:32	20°♐41'11	-2.9m
opposition	-2716 Jul 06 j 01:44	20°♐28'01	-6°24'41
direct	-2716 Aug 04 j 19:24	15°♐26'32	
	-2716 Sep 26 j 04:02	0°♑	
	-2716 Nov 19 j 01:46	0°♒	
	-2715 Jan 06 j 05:48	0°♓	
asc. node	-2715 Jan 23 j 05:20	10°♓44'06	
	-2715 Feb 22 j 16:53	0°♈	
	-2715 Apr 11 j 08:36	0°♉	
	-2715 May 28 j 23:53	0°♊	
evening set	-2715 Jun 02 j 01:30	2°♊34'27	
max. Earth dist.	-2715 Jul 06 j 05:44	24°♊21'34	2.65747 AU
	-2715 Jul 14 j 23:56	0°♋	
conjunction	-2715 Jul 18 j 09:43	2°♋12'05	1°09'38
minimum elong	-2715 Jul 18 j 09:17	2°♋11'22	1°09'42
	-2715 Aug 29 j 19:10	0°♌	
morning rise	-2715 Sep 01 j 14:59	1°♌53'00	
	-2715 Oct 13 j 02:41	0°♍	
	-2715 Nov 24 j 23:34	0°♎	
	-2714 Jan 05 j 16:08	0°♏	
desc. node	-2714 Feb 03 j 06:50	20°♏54'27	
	-2714 Feb 15 j 16:37	0°♐	
	-2714 Mar 29 j 00:10	0°♑	
	-2714 May 11 j 21:43	0°♒	
	-2714 Jul 08 j 18:58	0°♓	
retrograde	-2714 Aug 04 j 24:00	4°♓51'54	
	-2714 Aug 31 j 08:31	30°♓℞	
min. Earth dist.	-2714 Sep 03 j 03:31	29°♒02'18	0.48666 AU
greatest brilliancy	-2714 Sep 10 j 01:34	26°♒32'34	-2.2m
opposition	-2714 Sep 11 j 03:37	26°♒08'59	-4°10'41
direct	-2714 Oct 14 j 17:54	19°♒03'42	
	-2714 Nov 29 j 21:34	0°♓	
asc. node	-2714 Dec 11 j 05:05	4°♓52'48	
	-2713 Jan 28 j 21:44	0°♈	
	-2713 Mar 21 j 15:35	0°♉	
	-2713 May 10 j 01:09	0°♊	
	-2713 Jun 26 j 16:13	0°♋	
evening set	-2713 Jul 10 j 07:07	8°♋48'19	
max. Earth dist.	-2713 Aug 01 j 08:11	23°♋18'22	2.59194 AU
	-2713 Aug 11 j 08:29	0°♌	
conjunction	-2713 Aug 26 j 14:35	10°♌20'08	1°02'14
minimum elong	-2713 Aug 26 j 15:46	10°♌22'11	1°02'16
	-2713 Sep 23 j 23:01	0°♍	
morning rise	-2713 Oct 14 j 03:45	14°♍22'29	
	-2713 Nov 04 j 15:45	0°♎	
	-2713 Dec 14 j 20:16	0°♏	
desc. node	-2713 Dec 22 j 06:04	5°♏37'14	
	-2712 Jan 23 j 02:58	0°♐	
	-2712 Mar 02 j 06:28	0°♑	
	-2712 Apr 11 j 07:46	0°♒	
	-2712 May 23 j 21:07	0°♓	
	-2712 Jul 11 j 19:06	0°♈	
retrograde	-2712 Sep 15 j 19:37	21°♈30'43	
min. Earth dist.	-2712 Oct 20 j 07:00	13°♈38'53	0.60186 AU
opposition	-2712 Oct 25 j 09:46	11°♈36'55	-0°06'59
greatest brilliancy	-2712 Oct 29 j 16:31	9°♈56'10	-1.7m
asc. node	-2712 Oct 28 j 04:17	10°♈31'16	
direct	-2712 Dec 01 j 20:09	2°♈54'19	
	-2711 Feb 22 j 16:32	0°♉	
	-2711 Apr 18 j 05:02	0°♊	
	-2711 Jun 06 j 13:51	0°♋	
	-2711 Jul 22 j 17:28	0°♌	
evening set	-2711 Aug 20 j 06:43	19°♌31'38	
max. Earth dist.	-2711 Sep 04 j 08:00	0°♍07'34	2.48132 AU
	-2711 Sep 04 j 03:44	0°♍	
conjunction	-2711 Oct 11 j 11:23	27°♍08'37	0°18'40
minimum elong	-2711 Oct 11 j 12:26	27°♍10'35	0°18'40
	-2711 Oct 15 j 07:26	0°♎	
desc. node	-2711 Nov 08 j 04:02	18°♎00'42	
	-2711 Nov 23 j 18:53	0°♏	
morning rise	-2711 Dec 08 j 12:44	11°♏25'19	
	-2710 Jan 01 j 08:01	0°♐	
	-2710 Feb 08 j 18:40	0°♑	
	-2710 Mar 20 j 00:14	0°♒	
	-2710 Apr 29 j 23:57	0°♓	
	-2710 Jun 12 j 22:34	0°♈	
	-2710 Aug 01 j 11:21	0°♉	
asc. node	-2710 Sep 15 j 04:05	20°♉49'53	
retrograde	-2710 Oct 21 j 14:56	28°♉02'12	
min. Earth dist.	-2710 Nov 29 j 06:49	18°♉45'40	0.66517 AU
opposition	-2710 Nov 30 j 16:42	18°♉11'35	2°43'21
greatest brilliancy	-2710 Nov 30 j 12:08	18°♉16'11	-1.4m
direct	-2709 Jan 09 j 15:31	8°♉35'44	
	-2709 Mar 22 j 06:59	0°♊	
	-2709 May 16 j 08:12	0°♋	
	-2709 Jul 03 j 03:19	0°♌	
	-2709 Aug 15 j 23:19	0°♍	
desc. node	-2709 Sep 26 j 02:29	0°♎03'55	
	-2709 Sep 26 j 00:24	0°♎	
evening set	-2709 Oct 11 j 16:58	11°♎53'05	
	-2709 Nov 04 j 04:28	0°♏	
	-2709 Dec 12 j 09:41	0°♐	
conjunction	-2709 Dec 13 j 00:17	0°♐28'45	-0°49'15
minimum elong	-2709 Dec 12 j 21:09	0°♐22'35	0°49'17
max. Earth dist.	-2709 Dec 12 j 19:05	0°♐18'31	2.37459 AU
	-2708 Jan 19 j 14:10	0°♑	
morning rise	-2708 Feb 19 j 17:13	24°♑00'10	
	-2708 Feb 27 j 15:05	0°♒	
	-2708 Apr 08 j 07:28	0°♓	
	-2708 May 21 j 07:16	0°♈	
	-2708 Jul 06 j 08:11	0°♉	
asc. node	-2708 Aug 02 j 04:00	16°♉18'26	
	-2708 Aug 26 j 07:00	0°♊	
	-2708 Nov 07 j 17:35	0°♋	
retrograde	-2708 Nov 24 j 11:31	1°♋37'40	
	-2708 Dec 10 j 08:00	30°♋℞♊	
opposition	-2707 Jan 02 j 21:13	22°♊19'33	4°25'51
greatest brilliancy	-2707 Jan 03 j 04:20	22°♊12'30	-1.3m
min. Earth dist.	-2707 Jan 05 j 07:20	21°♊22'01	0.66555 AU
direct	-2707 Feb 13 j 01:55	12°♊19'26	
	-2707 Apr 16 j 15:37	0°♋	
	-2707 Jun 09 j 20:22	0°♌	
	-2707 Jul 25 j 09:48	0°♍	
desc. node	-2707 Aug 13 j 01:53	13°♍12'27	
	-2707 Sep 04 j 23:25	0°♎	
	-2707 Oct 14 j 06:17	0°♏	
	-2707 Nov 21 j 11:54	0°♐	
evening set	-2707 Dec 17 j 05:47	20°♐14'48	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2707 Dec 29 j 17:36	0°♉	
	-2706 Feb 06 j 21:28	0°♒	
conjunction	-2706 Feb 20 j 05:06	9°♒56'35	-1°00'04
minimum elong	-2706 Feb 20 j 07:16	10°♒00'38	1°00'07
	-2706 Mar 19 j 17:04	0°♓	
max. Earth dist.	-2706 Apr 05 j 18:25	12°♓06'39	2.48598 AU
morning rise	-2706 Apr 22 j 01:34	23°♓26'49	
	-2706 May 01 j 15:11	0°♈	
	-2706 Jun 15 j 20:35	0°♉	
asc. node	-2706 Jun 20 j 02:05	2°♉43'39	
	-2706 Aug 02 j 13:44	0°♊	
	-2706 Sep 22 j 23:24	0°♋	
	-2706 Nov 26 j 03:01	0°♌	
retrograde	-2705 Jan 02 j 10:10	7°♌05'19	
	-2705 Feb 05 j 14:23	30°℞♋	
opposition	-2705 Feb 08 j 23:48	28°♋43'38	4°51'59
greatest brilliancy	-2705 Feb 10 j 00:22	28°♋20'16	-1.6m
min. Earth dist.	-2705 Feb 15 j 04:21	26°♋22'29	0.60125 AU
direct	-2705 Mar 21 j 19:41	18°♋54'49	
	-2705 May 06 j 15:57	0°♌	
	-2705 Jun 30 j 15:11	0°♍	
desc. node	-2705 Jul 01 j 00:13	0°♍14'23	
	-2705 Aug 13 j 14:17	0°♎	
	-2705 Sep 22 j 20:23	0°♏	
	-2705 Oct 31 j 15:39	0°♐	
	-2705 Dec 09 j 09:04	0°♑	
	-2704 Jan 18 j 00:59	0°♒	
evening set	-2704 Feb 19 j 04:36	23°♒27'57	
	-2704 Feb 28 j 08:32	0°♓	
	-2704 Apr 11 j 15:41	0°♈	
conjunction	-2704 Apr 15 j 04:37	2°♈23'32	-0°12'46
minimum elong	-2704 Apr 15 j 05:16	2°♈24'37	0°12'46
behind sun begin	-2704 Apr 14 j 16:00	2°♈02'14	
behind sun end	-2704 Apr 15 j 18:32	2°♈46'58	
asc. node	-2704 May 07 j 00:31	16°♈58'15	
max. Earth dist.	-2704 May 09 j 11:18	18°♈35'21	2.59821 AU
	-2704 May 26 j 21:14	0°♉	
morning rise	-2704 Jun 05 j 14:42	6°♉18'36	
	-2704 Jul 12 j 17:00	0°♊	
	-2704 Aug 29 j 21:24	0°♋	
	-2704 Oct 18 j 23:28	0°♌	
	-2704 Dec 13 j 11:14	0°♍	
retrograde	-2703 Feb 20 j 23:23	20°♍44'55	
opposition	-2703 Mar 27 j 03:31	13°♍58'08	2°50'49
greatest brilliancy	-2703 Mar 28 j 03:13	13°♍37'58	-2.2m
min. Earth dist.	-2703 Apr 04 j 14:43	11°♍06'11	0.48178 AU
direct	-2703 May 03 j 17:40	5°♍39'46	
desc. node	-2703 May 17 j 23:00	7°♍00'27	
	-2703 Jul 11 j 15:21	0°♎	
	-2703 Aug 26 j 11:25	0°♏	
	-2703 Oct 06 j 17:16	0°♐	
	-2703 Nov 16 j 01:41	0°♑	
	-2703 Dec 27 j 01:06	0°♒	
	-2702 Feb 07 j 11:11	0°♓	
	-2702 Mar 23 j 15:02	0°♈	
asc. node	-2702 Mar 24 j 22:59	0°♈53'11	
evening set	-2702 Apr 08 j 08:43	10°♈25'25	
	-2702 May 08 j 08:45	0°♉	
conjunction	-2702 May 28 j 00:30	12°♉39'56	0°34'52
minimum elong	-2702 May 27 j 23:19	12°♉38'02	0°34'54
max. Earth dist.	-2702 Jun 04 j 10:47	17°♉25'36	2.66063 AU
	-2702 Jun 24 j 03:06	0°♊	
morning rise	-2702 Jul 13 j 13:45	12°♊22'52	
	-2702 Aug 10 j 06:36	0°♋	
	-2702 Sep 26 j 09:21	0°♌	
	-2702 Nov 12 j 13:27	0°♍	
	-2702 Dec 30 j 14:29	0°♎	
	-2701 Feb 20 j 06:51	0°♏	
desc. node	-2701 Apr 04 j 23:45	19°♏33'55	
retrograde	-2701 May 05 j 09:57	24°♏54'26	
opposition	-2701 Jun 04 j 20:11	19°♏53'18	-4°12'19
greatest brilliancy	-2701 Jun 05 j 00:21	19°♏50'29	-2.9m
min. Earth dist.	-2701 Jun 06 j 14:39	19°♏24'50	0.37888 AU
direct	-2701 Jul 05 j 12:37	14°♏40'30	
	-2701 Aug 27 j 04:26	0°♐	
	-2701 Oct 17 j 11:49	0°♑	
	-2701 Dec 02 j 07:45	0°♒	
	-2700 Jan 16 j 16:00	0°♓	
asc. node	-2700 Feb 09 j 21:00	15°♓50'44	
	-2700 Mar 02 j 17:14	0°♈	
	-2700 Apr 18 j 14:38	0°♉	
evening set	-2700 May 18 j 04:26	18°♉46'18	
	-2700 Jun 04 j 20:59	0°♊	
max. Earth dist.	-2700 Jun 26 j 20:52	14°♊00'21	2.66891 AU
conjunction	-2700 Jul 03 j 22:23	18°♊31'14	1°04'31
minimum elong	-2700 Jul 03 j 21:27	18°♊29'44	1°04'36
	-2700 Jul 21 j 19:26	0°♋	
morning rise	-2700 Aug 17 j 22:20	17°♋35'34	
	-2700 Sep 05 j 19:45	0°♌	
	-2700 Oct 20 j 15:16	0°♍	
	-2700 Dec 03 j 07:17	0°♎	
	-2699 Jan 15 j 02:13	0°♏	
desc. node	-2699 Feb 19 j 23:42	25°♏20'37	
	-2699 Feb 26 j 14:44	0°♐	
	-2699 Apr 11 j 10:00	0°♑	
	-2699 Jun 02 j 01:02	0°♒	
retrograde	-2699 Jul 15 j 05:34	11°♒22'57	
min. Earth dist.	-2699 Aug 11 j 12:31	6°♒24'28	0.43660 AU
greatest brilliancy	-2699 Aug 17 j 23:06	4°♒16'55	-2.5m
opposition	-2699 Aug 19 j 10:13	3°♒47'47	-5°47'57
	-2699 Sep 01 j 05:04	30°℞♑	
direct	-2699 Sep 20 j 03:13	27°♑35'57	
	-2699 Oct 09 j 23:56	0°♒	
	-2699 Dec 18 j 04:35	0°♓	
asc. node	-2699 Dec 27 j 20:04	5°♓21'22	
	-2698 Feb 08 j 03:46	0°♈	
	-2698 Mar 29 j 17:46	0°♉	
	-2698 May 17 j 06:27	0°♊	
evening set	-2698 Jun 25 j 06:15	24°♊39'20	
	-2698 Jul 03 j 13:51	0°♋	
max. Earth dist.	-2698 Jul 21 j 17:28	11°♋46'49	2.62351 AU
conjunction	-2698 Aug 10 j 19:52	25°♋02'29	1°08'57
minimum elong	-2698 Aug 10 j 20:26	25°♋03'26	1°09'01
	-2698 Aug 18 j 06:04	0°♌	
morning rise	-2698 Sep 26 j 12:42	26°♌49'43	
	-2698 Oct 01 j 01:47	0°♍	
	-2698 Nov 12 j 03:25	0°♎	
	-2698 Dec 22 j 18:59	0°♏	
desc. node	-2697 Jan 07 j 22:23	12°♏07'23	
	-2697 Jan 31 j 13:32	0°♐	
	-2697 Mar 12 j 05:59	0°♑	
	-2697 Apr 22 j 01:29	0°♒	
	-2697 Jun 05 j 09:20	0°♓	
	-2697 Aug 03 j 05:14	0°♈	
retrograde	-2697 Sep 01 j 11:16	5°♈19'14	
	-2697 Sep 29 j 00:54	30°℞♓	
min. Earth dist.	-2697 Oct 03 j 23:16	28°♓10'21	0.56155 AU
opposition	-2697 Oct 10 j 10:06	25°♓39'45	-1°33'39
greatest brilliancy	-2697 Oct 10 j 01:57	25°♓47'42	-1.9m

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

asc. node	-2697 Nov 14 j 19:36	17°♓28'51	
direct	-2697 Nov 15 j 12:22	17°♓28'39	
	-2696 Jan 05 j 11:22	0°♈	
	-2696 Mar 05 j 14:53	0°♉	
	-2696 Apr 26 j 09:07	0°♊	
	-2696 Jun 13 j 21:20	0°♋	
	-2696 Jul 29 j 19:03	0°♌	
evening set	-2696 Aug 03 j 02:41	2°♌54'33	
max. Earth dist.	-2696 Aug 19 j 17:07	14°♌14'24	2.52898 AU
	-2696 Sep 11 j 06:06	0°♍	
conjunction	-2696 Sep 21 j 18:43	7°♍30'24	0°40'15
minimum elong	-2696 Sep 21 j 20:21	7°♍33'20	0°40'15
	-2696 Oct 22 j 13:57	0°♎	
morning rise	-2696 Nov 14 j 04:49	16°♎58'18	
desc. node	-2696 Nov 24 j 22:01	25°♎07'29	
	-2696 Dec 01 j 06:51	0°♏	
	-2695 Jan 09 j 01:15	0°♐	
	-2695 Feb 16 j 16:33	0°♑	
	-2695 Mar 28 j 02:43	0°♒	
	-2695 May 08 j 10:23	0°♓	
	-2695 Jun 22 j 07:53	0°♈	
	-2695 Aug 15 j 02:47	0°♉	
asc. node	-2695 Oct 01 j 18:44	14°♉25'25	
retrograde	-2695 Oct 08 j 03:02	14°♉41'00	
min. Earth dist.	-2695 Nov 14 j 06:39	5°♉54'03	0.64769 AU
opposition	-2695 Nov 17 j 03:50	4°♉44'28	1°45'59
greatest brilliancy	-2695 Nov 16 j 22:32	4°♉49'49	-1.5m
	-2695 Nov 29 j 17:37	30°℞♈	
direct	-2695 Dec 26 j 06:23	25°♈25'41	
	-2694 Jan 24 j 13:30	0°♉	
	-2694 Apr 02 j 19:08	0°♊	
	-2694 May 24 j 17:12	0°♋	
	-2694 Jul 10 j 16:32	0°♌	
	-2694 Aug 23 j 07:24	0°♍	
evening set	-2694 Sep 19 j 10:28	19°♍38'33	
	-2694 Oct 03 j 08:54	0°♎	
max. Earth dist.	-2694 Oct 11 j 13:47	6°♎10'37	2.40555 AU
desc. node	-2694 Oct 12 j 20:28	7°♎08'39	
	-2694 Nov 11 j 15:14	0°♏	
conjunction	-2694 Nov 16 j 08:28	3°♏40'09	-0°23'40
minimum elong	-2694 Nov 16 j 06:42	3°♏36'43	0°23'41
	-2694 Dec 19 j 22:39	0°♐	
morning rise	-2693 Jan 21 j 11:21	25°♐32'38	
	-2693 Jan 27 j 04:25	0°♑	
	-2693 Mar 07 j 05:37	0°♒	
	-2693 Apr 16 j 22:24	0°♓	
	-2693 May 30 j 02:27	0°♈	
	-2693 Jul 15 j 21:19	0°♉	
asc. node	-2693 Aug 19 j 18:06	20°♉05'11	
	-2693 Sep 08 j 03:28	0°♊	
retrograde	-2693 Nov 11 j 18:45	18°♊48'57	
opposition	-2693 Dec 21 j 13:31	9°♊15'30	3°54'02
greatest brilliancy	-2693 Dec 21 j 14:46	9°♊14'14	-1.3m
min. Earth dist.	-2693 Dec 22 j 11:27	8°♊53'36	0.67311 AU
	-2692 Jan 21 j 10:42	30°℞♉	
direct	-2692 Jan 31 j 10:09	29°♉21'31	
	-2692 Feb 10 j 19:28	0°♊	
	-2692 Apr 29 j 06:34	0°♋	
	-2692 Jun 18 j 18:37	0°♌	
	-2692 Aug 02 j 10:19	0°♍	
desc. node	-2692 Aug 29 j 18:22	19°♍39'01	
	-2692 Sep 12 j 17:13	0°♎	
	-2692 Oct 21 j 22:02	0°♏	
evening set	-2692 Nov 19 j 15:38	22°♏32'22	
	-2692 Nov 29 j 02:38	0°♐	
	-2691 Jan 06 j 06:59	0°♑	
conjunction	-2691 Jan 24 j 20:38	14°♑23'02	-1°06'49
minimum elong	-2691 Jan 24 j 20:44	14°♑23'14	1°06'53
	-2691 Feb 14 j 08:36	0°♒	
max. Earth dist.	-2691 Mar 15 j 15:03	21°♒43'09	2.43314 AU
	-2691 Mar 27 j 01:25	0°♓	
morning rise	-2691 Mar 31 j 05:29	2°♓59'24	
	-2691 May 08 j 22:05	0°♈	
	-2691 Jun 23 j 06:58	0°♉	
asc. node	-2691 Jul 06 j 18:15	8°♉33'42	
	-2691 Aug 10 j 18:17	0°♊	
	-2691 Oct 04 j 03:36	0°♋	
retrograde	-2691 Dec 17 j 10:46	22°♋57'12	
opposition	-2690 Jan 24 j 21:16	14°♋09'55	4°53'10
greatest brilliancy	-2690 Jan 25 j 15:11	13°♋52'33	-1.5m
min. Earth dist.	-2690 Jan 29 j 15:19	12°♋19'16	0.63392 AU
direct	-2690 Mar 07 j 02:10	4°♋10'46	
	-2690 May 23 j 00:01	0°♌	
	-2690 Jul 10 j 22:20	0°♍	
desc. node	-2690 Jul 17 j 16:55	4°♍34'16	
	-2690 Aug 22 j 13:07	0°♎	
	-2690 Oct 01 j 06:26	0°♏	
	-2690 Nov 08 j 18:06	0°♐	
	-2690 Dec 17 j 05:13	0°♑	
	-2689 Jan 25 j 14:53	0°♒	
evening set	-2689 Jan 27 j 03:35	1°♒08'33	
	-2689 Mar 07 j 16:14	0°♓	
conjunction	-2689 Mar 27 j 16:21	14°♓06'39	-0°33'15
minimum elong	-2689 Mar 27 j 18:06	14°♓09'42	0°33'14
	-2689 Apr 19 j 18:24	0°♈	
max. Earth dist.	-2689 Apr 28 j 15:26	6°♈00'20	2.55959 AU
morning rise	-2689 May 21 j 04:43	21°♈01'22	
asc. node	-2689 May 24 j 16:53	23°♈19'45	
	-2689 Jun 03 j 21:53	0°♉	
	-2689 Jul 20 j 22:23	0°♊	
	-2689 Sep 07 j 22:22	0°♋	
	-2689 Oct 30 j 13:36	0°♌	
	-2688 Jan 10 j 18:30	0°♍	
retrograde	-2688 Jan 31 j 05:02	2°♍19'56	
	-2688 Feb 19 j 08:35	30°℞♌	
opposition	-2688 Mar 06 j 21:34	24°♌49'56	4°05'02
greatest brilliancy	-2688 Mar 08 j 02:59	24°♌23'21	-1.9m
min. Earth dist.	-2688 Mar 14 j 21:27	21°♌57'11	0.53322 AU
direct	-2688 Apr 15 j 05:48	15°♌41'27	
desc. node	-2688 Jun 03 j 16:06	29°♌02'42	
	-2688 Jun 05 j 16:03	0°♍	
	-2688 Jul 26 j 09:45	0°♎	
	-2688 Sep 06 j 16:03	0°♏	
	-2688 Oct 16 j 11:40	0°♐	
	-2688 Nov 24 j 22:38	0°♑	
	-2687 Jan 04 j 05:35	0°♒	
	-2687 Feb 15 j 02:15	0°♓	
evening set	-2687 Mar 21 j 15:16	23°♓47'50	
	-2687 Mar 30 j 19:57	0°♈	
asc. node	-2687 Apr 10 j 14:28	7°♈12'08	
conjunction	-2687 May 12 j 06:49	28°♈02'21	0°18'02
minimum elong	-2687 May 12 j 06:05	28°♈01'08	0°18'03
	-2687 May 15 j 07:14	0°♉	
max. Earth dist.	-2687 May 25 j 20:37	6°♉50'11	2.64271 AU
morning rise	-2687 Jun 29 j 06:38	28°♉53'37	
	-2687 Jul 01 j 00:20	0°♊	
	-2687 Aug 17 j 10:18	0°♋	
	-2687 Oct 04 j 08:13	0°♌	
	-2687 Nov 22 j 08:33	0°♍	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2686 Jan 14 j 02:34	0°♎	
retrograde	-2686 Apr 03 j 22:12	26°♎41'24	
desc. node	-2686 Apr 21 j 15:27	24°♎45'25	
opposition	-2686 May 05 j 07:38	21°♎11'42	-0°55'48
greatest brilliancy	-2686 May 05 j 12:37	21°♎08'04	-2.8m
min. Earth dist.	-2686 May 11 j 15:14	19°♎21'35	0.40666 AU
direct	-2686 Jun 07 j 18:50	14°♎51'15	
	-2686 Jul 29 j 06:14	0°♏	
	-2686 Sep 16 j 22:03	0°♐	
	-2686 Oct 30 j 13:36	0°♑	
	-2686 Dec 12 j 12:37	0°♒	
	-2685 Jan 25 j 07:03	0°♓	
asc. node	-2685 Feb 26 j 12:59	21°♓32'36	
	-2685 Mar 11 j 09:24	0°♈	
	-2685 Apr 26 j 17:11	0°♉	
evening set	-2685 May 03 j 21:24	4°♉35'48	
	-2685 Jun 12 j 17:12	0°♊	
max. Earth dist.	-2685 Jun 18 j 19:25	3°♊52'50	2.67230 AU
conjunction	-2685 Jun 20 j 10:16	4°♊54'42	0°55'38
minimum elong	-2685 Jun 20 j 09:02	4°♊52'44	0°55'43
	-2685 Jul 29 j 16:12	0°♋	
morning rise	-2685 Aug 04 j 16:00	3°♋51'08	
	-2685 Sep 14 j 00:13	0°♌	
	-2685 Oct 29 j 12:11	0°♍	
	-2685 Dec 13 j 07:19	0°♎	
	-2684 Jan 26 j 20:17	0°♏	
desc. node	-2684 Mar 08 j 16:50	27°♏40'08	
	-2684 Mar 12 j 07:59	0°♐	
	-2684 May 03 j 00:55	0°♑	
retrograde	-2684 Jun 20 j 17:56	13°♑40'29	
min. Earth dist.	-2684 Jul 17 j 12:23	9°♑12'32	0.39554 AU
greatest brilliancy	-2684 Jul 22 j 02:15	7°♑52'15	-2.8m
opposition	-2684 Jul 23 j 08:42	7°♑29'50	-6°40'48
direct	-2684 Aug 22 j 14:01	2°♑09'45	
	-2684 Nov 09 j 09:54	0°♒	
	-2684 Dec 30 j 13:45	0°♓	
asc. node	-2683 Jan 13 j 11:38	8°♓31'11	
	-2683 Feb 17 j 04:47	0°♈	
	-2683 Apr 06 j 09:54	0°♉	
	-2683 May 24 j 07:42	0°♊	
evening set	-2683 Jun 10 j 11:56	10°♊51'31	
	-2683 Jul 10 j 10:13	0°♋	
max. Earth dist.	-2683 Jul 11 j 19:06	0°♋53'04	2.64775 AU
conjunction	-2683 Jul 26 j 18:50	10°♋36'41	1°10'41
minimum elong	-2683 Jul 26 j 18:44	10°♋36'31	1°10'46
	-2683 Aug 25 j 04:23	0°♌	
morning rise	-2683 Sep 10 j 08:19	10°♌51'23	
	-2683 Oct 08 j 07:47	0°♍	
	-2683 Nov 19 j 21:27	0°♎	
	-2683 Dec 31 j 04:08	0°♏	
desc. node	-2682 Jan 24 j 16:47	18°♏08'16	
	-2682 Feb 09 j 15:40	0°♐	
	-2682 Mar 22 j 04:43	0°♑	
	-2682 May 03 j 10:53	0°♒	
	-2682 Jun 21 j 07:54	0°♓	
retrograde	-2682 Aug 15 j 14:30	17°♓00'04	
min. Earth dist.	-2682 Sep 14 j 22:27	10°♓40'54	0.51433 AU
opposition	-2682 Sep 22 j 12:29	7°♓50'51	-3°11'32
greatest brilliancy	-2682 Sep 21 j 17:20	8°♓08'49	-2.1m
direct	-2682 Oct 27 j 01:51	0°♓19'28	
asc. node	-2682 Dec 01 j 10:10	7°♓06'22	
	-2681 Jan 21 j 05:33	0°♈	
	-2681 Mar 15 j 23:05	0°♉	
	-2681 May 05 j 01:35	0°♊	
	-2681 Jun 21 j 23:43	0°♋	
evening set	-2681 Jul 19 j 02:51	17°♋36'35	
	-2681 Aug 06 j 18:01	0°♌	
max. Earth dist.	-2681 Aug 08 j 00:16	0°♌50'50	2.57137 AU
conjunction	-2681 Sep 05 j 01:43	20°♌01'38	0°55'52
minimum elong	-2681 Sep 05 j 03:12	20°♌04'12	0°55'53
	-2681 Sep 19 j 07:37	0°♍	
morning rise	-2681 Oct 25 j 00:41	25°♍41'35	
	-2681 Oct 30 j 21:21	0°♎	
	-2681 Dec 09 j 21:49	0°♏	
desc. node	-2681 Dec 12 j 15:02	2°♏04'09	
	-2680 Jan 17 j 23:48	0°♐	
	-2680 Feb 25 j 22:12	0°♑	
	-2680 Apr 05 j 16:21	0°♒	
	-2680 May 17 j 14:31	0°♓	
	-2680 Jul 03 j 08:38	0°♈	
	-2680 Sep 15 j 03:18	0°♉	
retrograde	-2680 Sep 24 j 03:51	0°♉32'00	
	-2680 Oct 02 j 21:21	30°℞♈	
asc. node	-2680 Oct 18 j 10:07	26°♈26'20	
min. Earth dist.	-2680 Oct 29 j 15:00	22°♈19'10	0.62047 AU
opposition	-2680 Nov 02 j 22:58	20°♈35'07	0°37'49
greatest brilliancy	-2680 Nov 02 j 20:13	20°♈37'52	-1.6m
direct	-2680 Dec 11 j 00:39	11°♈38'13	
	-2679 Feb 14 j 01:51	0°♉	
	-2679 Apr 12 j 09:55	0°♊	
	-2679 Jun 01 j 13:23	0°♋	
	-2679 Jul 17 j 23:48	0°♌	
evening set	-2679 Aug 30 j 15:59	0°♍07'03	
	-2679 Aug 30 j 12:01	0°♍	
max. Earth dist.	-2679 Sep 15 j 06:09	11°♍18'40	2.45374 AU
	-2679 Oct 10 j 15:08	0°♎	
conjunction	-2679 Oct 23 j 15:29	9°♎47'28	0°04'07
minimum elong	-2679 Oct 23 j 15:45	9°♎47'58	0°04'06
behind sun begin	-2679 Oct 22 j 16:10	9°♎03'22	
behind sun end	-2679 Oct 24 j 15:20	10°♎32'38	
desc. node	-2679 Oct 29 j 13:29	14°♎17'03	
	-2679 Nov 19 j 00:50	0°♏	
morning rise	-2679 Dec 23 j 15:56	27°♏00'12	
	-2679 Dec 27 j 11:38	0°♐	
	-2678 Feb 03 j 20:04	0°♑	
	-2678 Mar 14 j 23:19	0°♒	
	-2678 Apr 24 j 19:00	0°♓	
	-2678 Jun 07 j 07:58	0°♈	
	-2678 Jul 25 j 11:01	0°♉	
asc. node	-2678 Sep 05 j 10:37	21°♉50'29	
	-2678 Sep 26 j 07:12	0°♊	
retrograde	-2678 Oct 29 j 08:23	5°♊58'06	
	-2678 Nov 28 j 14:59	30°℞♉	
opposition	-2678 Dec 08 j 08:20	26°♉12'40	3°12'12
greatest brilliancy	-2678 Dec 08 j 05:15	26°♉15'46	-1.3m
min. Earth dist.	-2678 Dec 07 j 18:11	26°♉26'52	0.67067 AU
direct	-2677 Jan 17 j 15:52	16°♉29'21	
	-2677 Mar 12 j 19:59	0°♊	
	-2677 May 10 j 09:23	0°♋	
	-2677 Jun 27 j 23:55	0°♌	
	-2677 Aug 11 j 02:48	0°♍	
desc. node	-2677 Sep 16 j 12:05	26°♍26'38	
	-2677 Sep 21 j 06:15	0°♎	
evening set	-2677 Oct 25 j 09:46	26°♎04'53	
	-2677 Oct 30 j 10:46	0°♏	
	-2677 Dec 07 j 15:29	0°♐	
conjunction	-2677 Dec 28 j 18:35	16°♐39'13	-0°59'37
minimum elong	-2677 Dec 28 j 15:58	16°♐34'02	0°59'40
	-2676 Jan 14 j 19:17	0°♑	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

max. Earth dist.	-2676 Feb 04 j 16:04	16°♋10'07	2.38530 AU
	-2676 Feb 22 j 19:35	0°♒	
morning rise	-2676 Mar 06 j 05:09	9°♒18'24	
	-2676 Apr 03 j 10:51	0°♓	
	-2676 May 16 j 08:00	0°♈	
	-2676 Jul 01 j 00:23	0°♉	
asc. node	-2676 Jul 23 j 09:38	13°♉53'56	
	-2676 Aug 19 j 17:56	0°♊	
	-2676 Oct 19 j 17:17	0°♋	
retrograde	-2676 Dec 02 j 15:42	9°♋33'56	
opposition	-2675 Jan 10 j 17:50	0°♋25'51	4°39'21
greatest brilliancy	-2675 Jan 11 j 04:41	0°♋15'10	-1.4m
	-2675 Jan 11 j 20:05	30°℞♊	
min. Earth dist.	-2675 Jan 13 j 23:58	29°♊08'56	0.65693 AU
direct	-2675 Feb 20 j 23:46	20°♊24'30	
	-2675 Apr 05 j 13:09	0°♋	
	-2675 Jun 03 j 11:29	0°♌	
	-2675 Jul 19 j 23:17	0°♍	
desc. node	-2675 Aug 03 j 09:58	10°♍04'22	
	-2675 Aug 30 j 20:51	0°♎	
	-2675 Oct 09 j 07:20	0°♏	
	-2675 Nov 16 j 14:50	0°♐	
	-2675 Dec 24 j 21:57	0°♑	
evening set	-2674 Jan 01 j 12:58	5°♑54'33	
	-2674 Feb 02 j 03:05	0°♒	
conjunction	-2674 Mar 05 j 18:56	23°♒22'25	-0°51'49
minimum elong	-2674 Mar 05 j 21:22	23°♒26'48	0°51'50
	-2674 Mar 14 j 23:31	0°♓	
max. Earth dist.	-2674 Apr 15 j 00:16	21°♓50'20	2.51363 AU
	-2674 Apr 26 j 21:48	0°♈	
morning rise	-2674 May 03 j 04:40	4°♈16'06	
asc. node	-2674 Jun 10 j 08:36	29°♈33'33	
	-2674 Jun 11 j 00:54	0°♉	
	-2674 Jul 28 j 09:50	0°♊	
	-2674 Sep 16 j 16:17	0°♋	
	-2674 Nov 13 j 07:13	0°♌	
retrograde	-2673 Jan 12 j 06:46	16°♌05'40	
opposition	-2673 Feb 18 j 05:34	8°♌00'30	4°42'13
greatest brilliancy	-2673 Feb 19 j 09:01	7°♌34'46	-1.7m
min. Earth dist.	-2673 Feb 25 j 03:30	5°♌25'08	0.57907 AU
	-2673 Mar 15 j 02:24	30°℞♋	
direct	-2673 Mar 30 j 15:36	28°♋21'54	
	-2673 Apr 15 j 20:14	0°♌	
desc. node	-2673 Jun 21 j 08:44	28°♌58'18	
	-2673 Jun 23 j 01:53	0°♍	
	-2673 Aug 07 j 11:33	0°♎	
	-2673 Sep 17 j 06:20	0°♏	
	-2673 Oct 26 j 08:12	0°♐	
	-2673 Dec 04 j 06:24	0°♑	
	-2672 Jan 13 j 02:27	0°♒	
	-2672 Feb 23 j 13:24	0°♓	
evening set	-2672 Mar 02 j 04:36	5°♓22'33	
	-2672 Apr 06 j 23:15	0°♈	
conjunction	-2672 Apr 25 j 10:39	12°♈22'55	-0°01'06
minimum elong	-2672 Apr 25 j 10:41	12°♈22'57	0°01'05
behind sun begin	-2672 Apr 24 j 13:15	11°♈47'21	
behind sun end	-2672 Apr 26 j 08:07	12°♈58'32	
asc. node	-2672 Apr 27 j 06:56	13°♈36'24	
max. Earth dist.	-2672 May 15 j 15:28	25°♈41'53	2.61637 AU
	-2672 May 22 j 05:41	0°♉	
morning rise	-2672 Jun 14 j 10:41	14°♉59'45	
	-2672 Jul 07 j 23:27	0°♊	
	-2672 Aug 24 j 19:28	0°♋	
	-2672 Oct 12 j 22:05	0°♌	
	-2672 Dec 04 j 03:32	0°♍	
	-2671 Feb 12 j 06:32	0°♎	
retrograde	-2671 Mar 06 j 18:15	2°♎51'37	
	-2671 Mar 28 j 08:52	30°℞♍	
opposition	-2671 Apr 09 j 01:00	26°♍31'45	1°45'47
greatest brilliancy	-2671 Apr 09 j 16:16	26°♍19'22	-2.4m
min. Earth dist.	-2671 Apr 17 j 08:04	23°♍51'23	0.45310 AU
desc. node	-2671 May 08 j 09:25	19°♍11'00	
direct	-2671 May 15 j 08:07	18°♍50'46	
	-2671 Jun 27 j 19:24	0°♎	
	-2671 Aug 18 j 06:42	0°♏	
	-2671 Sep 30 j 00:27	0°♐	
	-2671 Nov 10 j 02:59	0°♑	
	-2671 Dec 21 j 14:33	0°♒	
	-2670 Feb 02 j 09:13	0°♓	
asc. node	-2670 Mar 15 j 04:01	27°♓34'55	
	-2670 Mar 18 j 19:23	0°♈	
evening set	-2670 Apr 17 j 22:53	19°♈47'32	
	-2670 May 03 j 16:59	0°♉	
conjunction	-2670 Jun 05 j 17:07	21°♉10'54	0°43'24
minimum elong	-2670 Jun 05 j 15:50	21°♉08'50	0°43'27
max. Earth dist.	-2670 Jun 09 j 20:11	23°♉49'02	2.66722 AU
	-2670 Jun 19 j 12:44	0°♊	
morning rise	-2670 Jul 21 j 15:37	20°♊28'21	
	-2670 Aug 05 j 13:58	0°♋	
	-2670 Sep 21 j 08:53	0°♌	
	-2670 Nov 06 j 19:59	0°♍	
	-2670 Dec 23 j 09:23	0°♎	
	-2669 Feb 09 j 07:02	0°♏	
desc. node	-2669 Mar 26 j 09:31	25°♏21'45	
	-2669 Apr 05 j 02:45	0°♐	
retrograde	-2669 May 23 j 10:31	12°♐37'46	
opposition	-2669 Jun 22 j 23:59	7°♐29'28	-5°42'12
min. Earth dist.	-2669 Jun 21 j 17:07	7°♐49'57	0.37633 AU
greatest brilliancy	-2669 Jun 22 j 16:15	7°♐34'36	-2.9m
direct	-2669 Jul 22 j 19:06	2°♐31'14	
	-2669 Oct 07 j 00:29	0°♑	
	-2669 Nov 25 j 02:26	0°♒	
	-2668 Jan 10 j 18:35	0°♓	
asc. node	-2668 Jan 31 j 02:42	13°♓05'28	
	-2668 Feb 26 j 12:27	0°♈	
	-2668 Apr 13 j 18:55	0°♉	
evening set	-2668 May 26 j 18:24	27°♉09'35	
	-2668 May 31 j 06:00	0°♊	
max. Earth dist.	-2668 Jul 02 j 06:36	20°♊23'19	2.66369 AU
conjunction	-2668 Jul 12 j 05:38	26°♊46'45	1°07'58
minimum elong	-2668 Jul 12 j 04:58	26°♊45'39	1°08'03
	-2668 Jul 17 j 05:42	0°♋	
morning rise	-2668 Aug 26 j 06:38	26°♋06'46	
	-2668 Sep 01 j 03:38	0°♌	
	-2668 Oct 15 j 16:58	0°♍	
	-2668 Nov 27 j 22:15	0°♎	
	-2667 Jan 09 j 01:53	0°♏	
desc. node	-2667 Feb 10 j 08:51	23°♏17'18	
	-2667 Feb 19 j 15:55	0°♐	
	-2667 Apr 02 j 19:26	0°♑	
	-2667 May 18 j 15:20	0°♒	
retrograde	-2667 Jul 27 j 10:33	25°♒34'50	
min. Earth dist.	-2667 Aug 24 j 15:23	20°♒09'05	0.46386 AU
greatest brilliancy	-2667 Aug 31 j 11:55	17°♒46'00	-2.4m
opposition	-2667 Sep 01 j 18:37	17°♒19'08	-4°54'51
direct	-2667 Oct 04 j 13:33	10°♒36'51	
	-2667 Dec 08 j 05:13	0°♓	
asc. node	-2667 Dec 18 j 02:26	4°♓55'14	
	-2666 Feb 01 j 17:56	0°♈	
	-2666 Mar 24 j 10:30	0°♉	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2666 May 12 j 10:37	0°♊	
	-2666 Jun 28 j 22:56	0°♋	
evening set	-2666 Jul 03 j 19:57	3°♋08'29	
max. Earth dist.	-2666 Jul 27 j 20:12	18°♋48'27	2.60711 AU
	-2666 Aug 13 j 16:02	0°♌	
conjunction	-2666 Aug 19 j 17:42	4°♌04'54	1°05'42
minimum elong	-2666 Aug 19 j 18:38	4°♌06'29	1°05'45
	-2666 Sep 26 j 09:58	0°♍	
morning rise	-2666 Oct 06 j 08:11	6°♍59'53	
	-2666 Nov 07 j 07:21	0°♎	
	-2666 Dec 17 j 17:15	0°♏	
desc. node	-2666 Dec 29 j 08:10	8°♏46'49	
	-2665 Jan 26 j 05:00	0°♐	
	-2665 Mar 06 j 13:17	0°♑	
	-2665 Apr 15 j 20:28	0°♒	
	-2665 May 28 j 22:05	0°♓	
	-2665 Jul 19 j 02:51	0°♈	
retrograde	-2665 Sep 10 j 10:27	15°♈13'35	
min. Earth dist.	-2665 Oct 14 j 01:05	7°♈39'56	0.58476 AU
opposition	-2665 Oct 19 j 18:23	5°♈24'24	-0°42'00
greatest brilliancy	-2665 Oct 19 j 15:08	5°♈27'37	-1.8m
	-2665 Nov 04 j 03:23	30°℞♓	
asc. node	-2665 Nov 05 j 01:29	29°♓44'41	
direct	-2665 Nov 25 j 14:32	26°♓55'02	
	-2665 Dec 18 j 23:10	0°♈	
	-2664 Feb 27 j 18:29	0°♉	
	-2664 Apr 21 j 00:10	0°♊	
	-2664 Jun 09 j 00:40	0°♋	
	-2664 Jul 25 j 02:47	0°♌	
evening set	-2664 Aug 12 j 17:53	12°♌38'34	
max. Earth dist.	-2664 Aug 28 j 07:37	23°♌26'50	2.50322 AU
	-2664 Sep 06 j 14:42	0°♍	
conjunction	-2664 Oct 02 j 16:39	18°♍47'27	0°28'35
minimum elong	-2664 Oct 02 j 18:04	18°♍50'02	0°28'34
	-2664 Oct 17 j 21:14	0°♎	
desc. node	-2664 Nov 15 j 06:31	21°♎24'05	
	-2664 Nov 26 j 11:53	0°♏	
morning rise	-2664 Nov 27 j 12:40	0°♏47'41	
	-2663 Jan 04 j 03:32	0°♐	
	-2663 Feb 11 j 15:51	0°♑	
	-2663 Mar 22 j 22:32	0°♒	
	-2663 May 02 j 23:42	0°♓	
	-2663 Jun 16 j 04:23	0°♈	
	-2663 Aug 05 j 21:22	0°♉	
asc. node	-2663 Sep 22 j 01:03	19°♉31'20	
retrograde	-2663 Oct 15 j 22:42	22°♉52'08	
min. Earth dist.	-2663 Nov 22 j 22:09	13°♉48'29	0.65849 AU
opposition	-2663 Nov 25 j 00:04	12°♉58'13	2°20'42
greatest brilliancy	-2663 Nov 24 j 18:45	13°♉03'35	-1.4m
direct	-2662 Jan 03 j 14:06	3°♉29'32	
	-2662 Mar 26 j 15:30	0°♊	
	-2662 May 19 j 06:21	0°♋	
	-2662 Jul 05 j 17:54	0°♌	
	-2662 Aug 18 j 13:03	0°♍	
	-2662 Sep 28 j 15:18	0°♎	
evening set	-2662 Oct 01 j 17:47	2°♎19'48	
desc. node	-2662 Oct 03 j 04:34	3°♎25'15	
max. Earth dist.	-2662 Nov 05 j 23:15	29°♎17'33	2.38358 AU
	-2662 Nov 06 j 21:06	0°♏	
conjunction	-2662 Dec 01 j 02:47	18°♏57'28	-0°38'59
minimum elong	-2662 Nov 30 j 23:59	18°♏51'59	0°39'01
	-2662 Dec 15 j 03:28	0°♐	
	-2661 Jan 22 j 08:09	0°♑	
morning rise	-2661 Feb 07 j 03:12	12°♑15'25	
	-2661 Mar 02 j 08:27	0°♒	
	-2661 Apr 11 j 23:38	0°♓	
	-2661 May 24 j 23:22	0°♈	
	-2661 Jul 10 j 04:44	0°♉	
asc. node	-2661 Aug 10 j 01:20	18°♉25'56	
	-2661 Aug 31 j 02:59	0°♊	
retrograde	-2661 Nov 19 j 14:50	26°♊36'25	
opposition	-2661 Dec 29 j 04:34	17°♊11'00	4°13'38
greatest brilliancy	-2661 Dec 29 j 08:55	17°♊06'40	-1.3m
min. Earth dist.	-2661 Dec 30 j 22:17	16°♊29'30	0.67021 AU
direct	-2660 Feb 08 j 05:54	7°♊13'02	
	-2660 Apr 21 j 15:17	0°♋	
	-2660 Jun 13 j 02:31	0°♌	
	-2660 Jul 28 j 07:38	0°♍	
desc. node	-2660 Aug 20 j 03:51	16°♍15'51	
	-2660 Sep 07 j 19:12	0°♎	
	-2660 Oct 17 j 01:47	0°♏	
	-2660 Nov 24 j 06:53	0°♐	
evening set	-2660 Dec 05 j 04:35	8°♐35'54	
	-2659 Jan 01 j 11:23	0°♑	
conjunction	-2659 Feb 09 j 02:32	29°♑39'37	-1°04'23
minimum elong	-2659 Feb 09 j 04:04	29°♑42'31	1°04'26
	-2659 Feb 09 j 13:21	0°♒	
	-2659 Mar 22 j 06:23	0°♓	
max. Earth dist.	-2659 Mar 28 j 16:07	4°♓35'21	2.46258 AU
morning rise	-2659 Apr 13 j 00:26	15°♓26'03	
	-2659 May 04 j 02:23	0°♈	
	-2659 Jun 18 j 07:32	0°♉	
asc. node	-2659 Jun 26 j 23:37	5°♉34'00	
	-2659 Aug 05 j 06:04	0°♊	
	-2659 Sep 26 j 14:23	0°♋	
	-2659 Dec 10 j 22:01	0°♌	
retrograde	-2659 Dec 26 j 10:29	1°♌22'42	
	-2658 Jan 10 j 02:50	30°℞♋	
opposition	-2658 Feb 02 j 09:32	22°♋48'52	4°54'09
greatest brilliancy	-2658 Feb 03 j 07:13	22°♋28'02	-1.5m
min. Earth dist.	-2658 Feb 07 j 22:27	20°♋41'10	0.61712 AU
direct	-2658 Mar 15 j 09:49	12°♋54'15	
	-2658 May 13 j 20:09	0°♌	
	-2658 Jul 04 j 15:38	0°♍	
desc. node	-2658 Jul 08 j 02:35	2°♍15'44	
	-2658 Aug 17 j 00:16	0°♎	
	-2658 Sep 26 j 01:05	0°♏	
	-2658 Nov 03 j 16:45	0°♐	
	-2658 Dec 12 j 06:33	0°♑	
	-2657 Jan 20 j 18:35	0°♒	
evening set	-2657 Feb 09 j 12:37	14°♒34'39	
	-2657 Mar 02 j 21:52	0°♓	
conjunction	-2657 Apr 08 j 01:25	25°♓13'51	-0°21'29
minimum elong	-2657 Apr 08 j 02:33	25°♓15'46	0°21'27
	-2657 Apr 15 j 01:23	0°♈	
max. Earth dist.	-2657 May 05 j 16:48	13°♈52'37	2.58185 AU
asc. node	-2657 May 14 j 21:44	19°♈58'33	
morning rise	-2657 May 30 j 18:18	0°♉22'15	
	-2657 May 30 j 04:38	0°♉	
	-2657 Jul 16 j 01:21	0°♊	
	-2657 Sep 02 j 12:29	0°♋	
	-2657 Oct 23 j 11:37	0°♌	
	-2657 Dec 21 j 17:31	0°♍	
retrograde	-2656 Feb 12 j 02:40	12°♍54'21	
opposition	-2656 Mar 18 j 00:13	5°♍47'07	3°27'39
greatest brilliancy	-2656 Mar 19 j 03:29	5°♍23'12	-2.1m
min. Earth dist.	-2656 Mar 26 j 08:59	2°♍51'58	0.50522 AU
	-2656 Apr 04 j 16:05	30°℞♌	
direct	-2656 Apr 25 j 10:57	27°♌03'42	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2656 May 16 j 22:58	0°♍	
desc. node	-2656 May 25 j 01:09	2°♍26'05	
	-2656 Jul 18 j 03:22	0°♎	
	-2656 Aug 31 j 01:22	0°♏	
	-2656 Oct 10 j 13:55	0°♐	
	-2656 Nov 19 j 11:05	0°♑	
	-2656 Dec 30 j 01:40	0°♒	
	-2655 Feb 10 j 04:09	0°♓	
	-2655 Mar 26 j 02:05	0°♈	
evening set	-2655 Mar 31 j 22:26	3°♈54'21	
asc. node	-2655 Mar 31 j 20:37	3°♈51'20	
	-2655 May 10 j 15:45	0°♉	
conjunction	-2655 May 21 j 10:05	6°♉57'44	0°28'07
minimum elong	-2655 May 21 j 09:02	6°♉56'04	0°28'09
max. Earth dist.	-2655 May 31 j 12:50	13°♉28'26	2.65362 AU
	-2655 Jun 26 j 08:53	0°♊	
morning rise	-2655 Jul 07 j 12:57	7°♊06'42	
	-2655 Aug 12 j 14:42	0°♋	
	-2655 Sep 29 j 01:07	0°♌	
	-2655 Nov 15 j 22:12	0°♍	
	-2654 Jan 04 j 13:08	0°♎	
	-2654 Mar 02 j 19:00	0°♏	
desc. node	-2654 Apr 12 j 01:40	11°♏55'18	
retrograde	-2654 Apr 21 j 08:28	12°♏27'25	
opposition	-2654 May 22 j 00:31	7°♏18'33	-2°47'25
greatest brilliancy	-2654 May 22 j 08:58	7°♏12'42	-2.9m
min. Earth dist.	-2654 May 26 j 02:03	6°♏11'11	0.38802 AU
direct	-2654 Jun 22 j 20:32	1°♏40'06	
	-2654 Sep 06 j 08:18	0°♐	
	-2654 Oct 23 j 00:38	0°♑	
	-2654 Dec 06 j 07:18	0°♒	
	-2653 Jan 19 j 19:50	0°♓	
asc. node	-2653 Feb 16 j 18:50	18°♓30'04	
	-2653 Mar 06 j 09:12	0°♈	
	-2653 Apr 21 j 23:29	0°♉	
evening set	-2653 May 12 j 17:18	13°♉13'03	
	-2653 Jun 08 j 02:41	0°♊	
max. Earth dist.	-2653 Jun 24 j 03:20	10°♊12'24	2.67144 AU
conjunction	-2653 Jun 28 j 18:33	13°♊09'43	1°01'14
minimum elong	-2653 Jun 28 j 17:28	13°♊07'59	1°01'18
	-2653 Jul 25 j 01:24	0°♋	
morning rise	-2653 Aug 12 j 19:32	12°♋06'43	
	-2653 Sep 09 j 05:24	0°♌	
	-2653 Oct 24 j 08:23	0°♍	
	-2653 Dec 07 j 11:46	0°♎	
	-2652 Jan 19 j 23:18	0°♏	
desc. node	-2652 Feb 28 j 02:07	26°♏58'55	
	-2652 Mar 03 j 12:17	0°♐	
	-2652 Apr 18 j 09:42	0°♑	
	-2652 Jun 29 j 15:43	0°♒	
retrograde	-2652 Jul 05 j 02:22	0°♒12'44	
	-2652 Jul 10 j 13:06	30°℞♑	
min. Earth dist.	-2652 Jul 31 j 21:11	25°♑32'31	0.41632 AU
greatest brilliancy	-2652 Aug 06 j 17:07	23°♑42'57	-2.6m
opposition	-2652 Aug 08 j 04:35	23°♑15'02	-6°20'14
direct	-2652 Sep 08 j 02:43	17°♑27'54	
	-2652 Oct 27 j 02:45	0°♒	
	-2652 Dec 23 j 04:39	0°♓	
asc. node	-2651 Jan 03 j 17:36	6°♓45'02	
	-2651 Feb 11 j 10:34	0°♈	
	-2651 Apr 01 j 08:34	0°♉	
	-2651 May 19 j 14:32	0°♊	
evening set	-2651 Jun 18 j 22:37	19°♊10'21	
	-2651 Jul 05 j 20:09	0°♋	
max. Earth dist.	-2651 Jul 17 j 11:31	7°♋31'55	2.63532 AU
conjunction	-2651 Aug 04 j 07:57	19°♋12'54	1°10'14
minimum elong	-2651 Aug 04 j 08:14	19°♋13'21	1°10'19
	-2651 Aug 20 j 13:54	0°♌	
morning rise	-2651 Sep 19 j 10:32	20°♌13'45	
	-2651 Oct 03 j 13:48	0°♍	
	-2651 Nov 14 j 21:14	0°♎	
	-2651 Dec 25 j 19:43	0°♏	
desc. node	-2650 Jan 15 j 00:35	15°♏04'36	
	-2650 Feb 03 j 21:26	0°♐	
	-2650 Mar 15 j 21:26	0°♑	
	-2650 Apr 26 j 04:18	0°♒	
	-2650 Jun 10 j 18:00	0°♓	
retrograde	-2650 Aug 25 j 10:56	28°♓08'42	
min. Earth dist.	-2650 Sep 26 j 00:15	21°♓20'54	0.54108 AU
opposition	-2650 Oct 02 j 23:43	18°♓40'17	-2°14'08
greatest brilliancy	-2650 Oct 02 j 11:08	18°♓52'23	-2.0m
direct	-2650 Nov 07 j 09:27	10°♓45'54	
asc. node	-2650 Nov 21 j 16:58	12°♓00'46	
	-2649 Jan 12 j 04:33	0°♈	
	-2649 Mar 09 j 23:41	0°♉	
	-2649 Apr 29 j 23:54	0°♊	
	-2649 Jun 17 j 06:34	0°♋	
evening set	-2649 Jul 28 j 02:59	26°♋37'50	
	-2649 Aug 02 j 03:49	0°♌	
max. Earth dist.	-2649 Aug 15 j 03:02	8°♌46'09	2.54875 AU
conjunction	-2649 Sep 14 j 22:34	0°♍09'34	0°47'37
minimum elong	-2649 Sep 15 j 00:12	0°♍12'28	0°47'38
	-2649 Sep 14 j 17:09	0°♍	
	-2649 Oct 26 j 04:23	0°♎	
morning rise	-2649 Nov 05 j 16:04	7°♎47'39	
desc. node	-2649 Dec 03 j 00:19	28°♎26'59	
	-2649 Dec 05 j 01:04	0°♏	
	-2648 Jan 12 j 22:51	0°♐	
	-2648 Feb 20 j 16:38	0°♑	
	-2648 Mar 31 j 05:06	0°♒	
	-2648 May 11 j 16:36	0°♓	
	-2648 Jun 26 j 02:51	0°♈	
	-2648 Aug 22 j 06:42	0°♉	
retrograde	-2648 Oct 02 j 06:21	9°♉11'35	
asc. node	-2648 Oct 08 j 16:23	8°♉54'32	
min. Earth dist.	-2648 Nov 07 j 15:59	0°♉39'22	0.63673 AU
	-2648 Nov 09 j 07:12	30°℞♈	
opposition	-2648 Nov 11 j 05:00	29°♈13'55	1°18'50
greatest brilliancy	-2648 Nov 11 j 00:15	29°♈18'42	-1.5m
direct	-2648 Dec 19 j 20:47	20°♈04'23	
	-2647 Feb 03 j 02:14	0°♉	
	-2647 Apr 06 j 06:39	0°♊	
	-2647 May 27 j 10:12	0°♋	
	-2647 Jul 13 j 05:04	0°♌	
	-2647 Aug 25 j 20:12	0°♍	
evening set	-2647 Sep 10 j 13:58	11°♍17'37	
max. Earth dist.	-2647 Sep 28 j 10:43	24°♍23'33	2.42660 AU
	-2647 Oct 05 j 23:26	0°♎	
desc. node	-2647 Oct 19 j 23:18	10°♎32'33	
conjunction	-2647 Nov 05 j 15:09	23°♎16'52	-0°11'33
minimum elong	-2647 Nov 05 j 14:19	23°♎15'16	0°11'33
behind sun begin	-2647 Nov 04 j 20:08	22°♎40'18	
behind sun end	-2647 Nov 06 j 08:30	23°♎50'16	
	-2647 Nov 14 j 07:56	0°♏	
	-2647 Dec 22 j 17:01	0°♐	
morning rise	-2646 Jan 08 j 15:11	13°♐17'55	
	-2646 Jan 29 j 23:26	0°♑	
	-2646 Mar 10 j 00:30	0°♒	
	-2646 Apr 19 j 17:00	0°♓	
	-2646 Jun 01 j 22:22	0°♈	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2646 Jul 19 j 02:13	0°♉	
asc. node	-2646 Aug 26 j 15:44	21°♉30'20	
	-2646 Sep 13 j 12:42	0°♊	
retrograde	-2646 Nov 06 j 02:03	13°♊49'07	
opposition	-2646 Dec 15 j 23:07	4°♊09'44	3°37'43
greatest brilliancy	-2646 Dec 15 j 22:12	4°♊10'40	-1.3m
min. Earth dist.	-2646 Dec 16 j 04:32	4°♊04'19	0.67334 AU
	-2646 Dec 26 j 17:36	30°℞♉	
direct	-2645 Jan 25 j 14:10	24°♉20'04	
	-2645 Feb 27 j 13:27	0°♊	
	-2645 May 04 j 00:21	0°♋	
	-2645 Jun 22 j 16:54	0°♌	
	-2645 Aug 06 j 04:25	0°♍	
desc. node	-2645 Sep 06 j 20:59	22°♍52'24	
	-2645 Sep 16 j 10:51	0°♎	
	-2645 Oct 25 j 16:16	0°♏	
evening set	-2645 Nov 08 j 21:41	11°♏07'09	
	-2645 Dec 02 j 21:08	0°♐	
	-2644 Jan 10 j 00:47	0°♑	
conjunction	-2644 Jan 13 j 16:06	2°♑50'11	-1°05'32
minimum elong	-2644 Jan 13 j 14:53	2°♑47'48	1°05'36
	-2644 Feb 18 j 00:55	0°♒	
max. Earth dist.	-2644 Mar 02 j 13:21	10°♒08'29	2.41000 AU
morning rise	-2644 Mar 20 j 18:12	23°♒33'08	
	-2644 Mar 29 j 15:45	0°♓	
	-2644 May 11 j 10:48	0°♈	
	-2644 Jun 25 j 20:46	0°♉	
asc. node	-2644 Jul 13 j 15:43	11°♉13'25	
	-2644 Aug 13 j 17:06	0°♊	
	-2644 Oct 08 j 23:01	0°♋	
retrograde	-2644 Dec 11 j 00:47	17°♋37'14	
opposition	-2643 Jan 18 j 18:21	8°♋40'04	4°48'40
greatest brilliancy	-2643 Jan 19 j 09:05	8°♋25'40	-1.4m
min. Earth dist.	-2643 Jan 22 j 19:57	7°♋04'36	0.64550 AU
	-2643 Feb 14 j 16:25	30°℞♊	
direct	-2643 Mar 01 j 00:07	28°♊39'04	
	-2643 Mar 16 j 01:38	0°♋	
	-2643 May 27 j 12:14	0°♌	
	-2643 Jul 14 j 07:48	0°♍	
desc. node	-2643 Jul 24 j 19:11	7°♍10'26	
	-2643 Aug 25 j 15:38	0°♎	
	-2643 Oct 04 j 06:24	0°♏	
	-2643 Nov 11 j 16:14	0°♐	
	-2643 Dec 20 j 00:56	0°♑	
evening set	-2642 Jan 16 j 07:02	20°♑55'35	
	-2642 Jan 28 j 07:37	0°♒	
	-2642 Mar 10 j 05:33	0°♓	
conjunction	-2642 Mar 18 j 12:43	5°♓54'51	-0°41'35
minimum elong	-2642 Mar 18 j 14:52	5°♓58'41	0°41'36
	-2642 Apr 22 j 04:28	0°♈	
max. Earth dist.	-2642 Apr 23 j 04:30	0°♈40'55	2.53980 AU
morning rise	-2642 May 13 j 16:27	14°♈28'51	
asc. node	-2642 May 31 j 14:34	26°♈18'31	
	-2642 Jun 06 j 06:20	0°♉	
	-2642 Jul 23 j 08:48	0°♊	
	-2642 Sep 10 j 18:52	0°♋	
	-2642 Nov 03 j 23:27	0°♌	
retrograde	-2641 Jan 22 j 17:39	25°♌34'29	
opposition	-2641 Feb 28 j 00:35	17°♌47'37	4°24'03
greatest brilliancy	-2641 Mar 01 j 05:36	17°♌20'54	-1.8m
min. Earth dist.	-2641 Mar 07 j 13:36	15°♌01'22	0.55474 AU
direct	-2641 Apr 08 j 21:37	8°♌23'32	
desc. node	-2641 Jun 11 j 18:35	28°♌46'37	
	-2641 Jun 14 j 00:42	0°♍	
	-2641 Jul 31 j 21:32	0°♎	

	-2641 Sep 11 j 10:30	0°♏	
	-2641 Oct 20 j 21:29	0°♐	
	-2641 Nov 29 j 01:35	0°♑	
	-2640 Jan 08 j 02:17	0°♒	
	-2640 Feb 18 j 17:11	0°♓	
evening set	-2640 Mar 13 j 11:36	16°♓32'38	
	-2640 Apr 02 j 05:54	0°♈	
asc. node	-2640 Apr 17 j 12:23	10°♈13'36	
conjunction	-2640 May 05 j 05:22	21°♈55'33	0°10'14
minimum elong	-2640 May 05 j 04:55	21°♈54'48	0°10'16
behind sun begin	-2640 May 04 j 12:43	21°♈28'15	
behind sun end	-2640 May 05 j 21:06	22°♈21'21	
	-2640 May 17 j 13:55	0°♉	
max. Earth dist.	-2640 May 21 j 15:02	2°♉37'50	2.63193 AU
morning rise	-2640 Jun 23 j 00:50	23°♉28'54	
	-2640 Jul 03 j 06:26	0°♊	
	-2640 Aug 19 j 19:52	0°♋	
	-2640 Oct 07 j 04:36	0°♌	
	-2640 Nov 26 j 07:55	0°♍	
	-2639 Jan 21 j 22:37	0°♎	
retrograde	-2639 Mar 22 j 02:32	16°♎14'01	
opposition	-2639 Apr 23 j 07:39	10°♎22'37	0°21'04
greatest brilliancy	-2639 Apr 23 j 10:42	10°♎20'17	-2.6m
desc. node	-2639 Apr 28 j 17:48	8°♎42'57	
min. Earth dist.	-2639 Apr 30 j 19:53	8°♎05'18	0.42602 AU
direct	-2639 May 28 j 03:15	3°♎25'08	
	-2639 Aug 07 j 23:52	0°♏	
	-2639 Sep 22 j 12:15	0°♐	
	-2639 Nov 03 j 19:02	0°♑	
	-2639 Dec 15 j 23:10	0°♒	
	-2638 Jan 28 j 05:00	0°♓	
asc. node	-2638 Mar 05 j 10:51	24°♓23'10	
	-2638 Mar 13 j 22:28	0°♈	
evening set	-2638 Apr 27 j 03:57	28°♈47'58	
	-2638 Apr 29 j 00:42	0°♉	
conjunction	-2638 Jun 14 j 04:38	29°♉31'46	0°50'54
minimum elong	-2638 Jun 14 j 03:21	29°♉29'43	0°50'57
	-2638 Jun 14 j 22:21	0°♊	
max. Earth dist.	-2638 Jun 15 j 04:29	0°♊09'47	2.67106 AU
morning rise	-2638 Jul 29 j 16:23	28°♊33'51	
	-2638 Jul 31 j 22:12	0°♋	
	-2638 Sep 16 j 11:06	0°♌	
	-2638 Nov 01 j 08:43	0°♍	
	-2638 Dec 16 j 20:20	0°♎	
	-2637 Jan 31 j 13:39	0°♏	
desc. node	-2637 Mar 16 j 18:33	27°♏46'30	
	-2637 Mar 20 j 12:31	0°♐	
	-2637 May 29 j 22:36	0°♑	
retrograde	-2637 Jun 09 j 13:35	0°♑45'32	
	-2637 Jun 20 j 03:09	30°℞♐	
min. Earth dist.	-2637 Jul 06 j 23:45	26°♐16'48	0.38343 AU
greatest brilliancy	-2637 Jul 10 j 03:46	25°♐24'06	-2.9m
opposition	-2637 Jul 11 j 01:31	25°♐08'57	-6°32'50
direct	-2637 Aug 09 j 21:58	20°♐04'53	
	-2637 Sep 20 j 21:52	0°♑	
	-2637 Nov 16 j 17:33	0°♒	
	-2636 Jan 04 j 11:25	0°♓	
asc. node	-2636 Jan 21 j 09:16	10°♓37'48	
	-2636 Feb 21 j 03:31	0°♈	
	-2636 Apr 08 j 21:33	0°♉	
	-2636 May 26 j 14:23	0°♊	
evening set	-2636 Jun 04 j 05:28	5°♊27'28	
max. Earth dist.	-2636 Jul 07 j 17:39	26°♊49'40	2.65594 AU
	-2636 Jul 12 j 15:55	0°♋	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

conjunction	-2636 Jul 20 j 12:57	5°♋05'18	1°10'02
minimum elong	-2636 Jul 20 j 12:35	5°♋04'43	1°10'07
	-2636 Aug 27 j 12:29	0°♌	
morning rise	-2636 Sep 03 j 18:56	4°♌50'49	
	-2636 Oct 10 j 20:54	0°♍	
	-2636 Nov 22 j 17:52	0°♎	
	-2635 Jan 03 j 09:31	0°♏	
desc. node	-2635 Jan 31 j 18:53	20°♏47'21	
	-2635 Feb 13 j 07:35	0°♐	
	-2635 Mar 26 j 09:48	0°♑	
	-2635 May 08 j 17:14	0°♒	
	-2635 Jul 01 j 11:19	0°♓	
retrograde	-2635 Aug 07 j 17:01	8°♓36'18	
min. Earth dist.	-2635 Sep 06 j 01:27	2°♓40'32	0.49182 AU
opposition	-2635 Sep 13 j 23:28	29°♒47'39	-3°56'01
greatest brilliancy	-2635 Sep 12 j 23:06	0°♓09'55	-2.2m
	-2635 Sep 13 j 09:56	30°℞♒	
direct	-2635 Oct 17 j 18:34	22°♒37'00	
	-2635 Nov 23 j 15:26	0°♓	
asc. node	-2635 Dec 08 j 07:35	5°♓47'15	
	-2634 Jan 25 j 16:15	0°♈	
	-2634 Mar 18 j 22:16	0°♉	
	-2634 May 07 j 12:56	0°♊	
	-2634 Jun 24 j 07:15	0°♋	
evening set	-2634 Jul 12 j 12:15	11°♋46'08	
max. Earth dist.	-2634 Aug 03 j 04:54	26°♋04'04	2.58833 AU
	-2634 Aug 09 j 02:02	0°♌	
conjunction	-2634 Aug 28 j 21:56	13°♌26'24	1°00'41
minimum elong	-2634 Aug 28 j 23:12	13°♌28'34	1°00'44
	-2634 Sep 21 j 18:34	0°♍	
morning rise	-2634 Oct 16 j 16:32	17°♍45'00	
	-2634 Nov 02 j 12:37	0°♎	
	-2634 Dec 12 j 17:44	0°♏	
desc. node	-2634 Dec 19 j 17:20	5°♏17'46	
	-2633 Jan 21 j 00:13	0°♐	
	-2633 Mar 01 j 02:22	0°♑	
	-2633 Apr 10 j 00:32	0°♒	
	-2633 May 22 j 06:43	0°♓	
	-2633 Jul 09 j 05:49	0°♈	
retrograde	-2633 Sep 19 j 00:11	24°♈35'34	
min. Earth dist.	-2633 Oct 23 j 15:45	16°♈39'42	0.60546 AU
asc. node	-2633 Oct 26 j 07:10	15°♈36'37	
opposition	-2633 Oct 28 j 15:06	14°♈40'44	0°05'50
greatest brilliancy	-2633 Oct 28 j 14:41	14°♈41'10	-1.7m
direct	-2633 Dec 05 j 03:52	5°♈55'33	
	-2632 Feb 20 j 01:18	0°♉	
	-2632 Apr 15 j 10:06	0°♊	
	-2632 Jun 04 j 02:20	0°♋	
	-2632 Jul 20 j 10:22	0°♌	
evening set	-2632 Aug 22 j 17:52	22°♌47'11	
	-2632 Sep 01 j 23:40	0°♍	
max. Earth dist.	-2632 Sep 06 j 22:03	3°♍30'29	2.47618 AU
	-2632 Oct 13 j 05:18	0°♎	
conjunction	-2632 Oct 14 j 05:48	0°♎45'40	0°15'11
minimum elong	-2632 Oct 14 j 06:41	0°♎47'19	0°15'10
behind sun begin	-2632 Oct 13 j 21:58	0°♎31'04	
behind sun end	-2632 Oct 14 j 15:24	1°♎03'35	
desc. node	-2632 Nov 05 j 15:43	17°♎39'56	
	-2632 Nov 21 j 17:43	0°♏	
morning rise	-2632 Dec 11 j 20:27	15°♏35'51	
	-2632 Dec 30 j 06:55	0°♐	
greatest brilliancy	-2631 Jan 28 j 14:51	22°♐56'06	1.2m
	-2631 Feb 06 j 16:45	0°♑	
	-2631 Mar 17 j 20:33	0°♒	
	-2631 Apr 27 j 17:06	0°♓	
	-2631 Jun 10 j 09:43	0°♈	
	-2631 Jul 29 j 06:34	0°♉	
asc. node	-2631 Sep 12 j 07:46	21°♉53'10	
	-2631 Oct 11 j 16:27	0°♊	
retrograde	-2631 Oct 23 j 16:36	0°♊53'09	
	-2631 Nov 04 j 03:35	30°℞♉	
min. Earth dist.	-2631 Dec 01 j 10:47	21°♉34'05	0.66641 AU
opposition	-2631 Dec 02 j 17:19	21°♉03'21	2°51'59
greatest brilliancy	-2631 Dec 02 j 12:53	21°♉07'49	-1.4m
direct	-2630 Jan 11 j 17:18	11°♉26'15	
	-2630 Mar 18 j 08:56	0°♊	
	-2630 May 13 j 13:17	0°♋	
	-2630 Jun 30 j 17:16	0°♌	
	-2630 Aug 13 j 18:12	0°♍	
desc. node	-2630 Sep 23 j 14:10	29°♍44'46	
	-2630 Sep 23 j 22:18	0°♎	
evening set	-2630 Oct 14 j 18:24	15°♎47'30	
	-2630 Nov 02 j 03:59	0°♏	
	-2630 Dec 10 j 09:35	0°♐	
conjunction	-2630 Dec 16 j 12:00	4°♐48'41	-0°52'00
minimum elong	-2630 Dec 16 j 08:55	4°♐42'36	0°52'03
max. Earth dist.	-2630 Dec 24 j 11:21	11°♐05'52	2.37455 AU
	-2629 Jan 17 j 13:20	0°♑	
morning rise	-2629 Feb 23 j 06:32	28°♑17'37	
	-2629 Feb 25 j 12:36	0°♒	
	-2629 Apr 07 j 02:32	0°♓	
	-2629 May 19 j 22:54	0°♈	
	-2629 Jul 04 j 18:17	0°♉	
asc. node	-2629 Jul 31 j 07:05	16°♉16'01	
	-2629 Aug 24 j 03:35	0°♊	
	-2629 Oct 29 j 22:22	0°♋	
retrograde	-2629 Nov 27 j 15:24	4°♋27'58	
	-2629 Dec 23 j 22:57	30°℞♊	
opposition	-2628 Jan 05 j 22:33	25°♊11'40	4°29'47
greatest brilliancy	-2628 Jan 06 j 06:23	25°♊03'54	-1.3m
min. Earth dist.	-2628 Jan 08 j 12:01	24°♊10'48	0.66409 AU
direct	-2628 Feb 16 j 02:35	15°♊11'18	
	-2628 Apr 12 j 10:06	0°♋	
	-2628 Jun 07 j 01:32	0°♌	
	-2628 Jul 23 j 00:41	0°♍	
desc. node	-2628 Aug 10 j 12:09	12°♍59'51	
	-2628 Sep 02 j 19:00	0°♎	
	-2628 Oct 12 j 04:22	0°♏	
	-2628 Nov 19 j 11:00	0°♐	
evening set	-2628 Dec 20 j 17:18	24°♐33'51	
	-2628 Dec 27 j 16:30	0°♑	
	-2627 Feb 04 j 19:12	0°♒	
conjunction	-2627 Feb 23 j 09:42	13°♒52'31	-0°58'14
minimum elong	-2627 Feb 23 j 12:00	13°♒56'46	0°58'16
	-2627 Mar 17 j 12:51	0°♓	
max. Earth dist.	-2627 Apr 08 j 06:18	15°♓25'06	2.49120 AU
morning rise	-2627 Apr 24 j 18:56	26°♓52'28	
	-2627 Apr 29 j 08:29	0°♈	
	-2627 Jun 13 j 10:53	0°♉	
asc. node	-2627 Jun 17 j 05:48	2°♉27'05	
	-2627 Jul 30 j 23:27	0°♊	
	-2627 Sep 19 j 22:05	0°♋	
	-2627 Nov 20 j 05:34	0°♌	
retrograde	-2626 Jan 04 j 20:50	10°♌05'48	
opposition	-2626 Feb 11 j 06:45	1°♌47'00	4°49'22
greatest brilliancy	-2626 Feb 12 j 07:47	1°♌23'12	-1.6m
	-2626 Feb 15 j 23:14	30°℞♋	
min. Earth dist.	-2626 Feb 17 j 13:58	29°♋23'30	0.59712 AU
direct	-2626 Mar 23 j 23:47	21°♋59'52	
	-2626 May 01 j 03:18	0°♌	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2626 Jun 27 j 17:11	0°♍	
desc. node	-2626 Jun 28 j 10:43	0°♍27'27	
	-2626 Aug 11 j 03:54	0°♎	
	-2626 Sep 20 j 14:34	0°♏	
	-2626 Oct 29 j 11:44	0°♐	
	-2626 Dec 07 j 05:34	0°♑	
	-2625 Jan 15 j 20:57	0°♒	
evening set	-2625 Feb 22 j 02:53	27°♒08'25	
	-2625 Feb 26 j 03:17	0°♓	
	-2625 Apr 10 j 08:51	0°♈	
conjunction	-2625 Apr 18 j 18:02	5°♈39'39	-0°09'39
minimum elong	-2625 Apr 18 j 18:31	5°♈40'28	0°09'38
behind sun begin	-2625 Apr 18 j 00:43	5°♈10'33	
behind sun end	-2625 Apr 19 j 12:18	6°♈10'22	
asc. node	-2625 May 05 j 04:32	16°♈38'03	
max. Earth dist.	-2625 May 12 j 03:44	21°♈14'17	2.60192 AU
	-2625 May 25 j 12:42	0°♉	
morning rise	-2625 Jun 08 j 20:41	9°♉17'47	
	-2625 Jul 11 j 06:35	0°♊	
	-2625 Aug 28 j 07:54	0°♋	
	-2625 Oct 17 j 02:36	0°♌	
	-2625 Dec 10 j 11:21	0°♍	
retrograde	-2624 Feb 24 j 22:53	24°♍14'38	
opposition	-2624 Mar 30 j 00:21	17°♍32'39	2°35'56
greatest brilliancy	-2624 Mar 30 j 22:17	17°♍14'10	-2.3m
min. Earth dist.	-2624 Apr 07 j 12:47	14°♍41'29	0.47632 AU
direct	-2624 May 06 j 09:03	9°♍20'53	
desc. node	-2624 May 15 j 11:21	9°♍54'15	
	-2624 Jul 07 j 17:32	0°♎	
	-2624 Aug 23 j 16:39	0°♏	
	-2624 Oct 04 j 06:03	0°♐	
	-2624 Nov 13 j 17:15	0°♑	
	-2624 Dec 24 j 17:28	0°♒	
	-2623 Feb 05 j 03:23	0°♓	
	-2623 Mar 21 j 06:41	0°♈	
asc. node	-2623 Mar 22 j 01:55	0°♈32'04	
evening set	-2623 Apr 10 j 19:53	13°♈35'48	
	-2623 May 05 j 23:51	0°♉	
conjunction	-2623 May 30 j 06:48	15°♉38'35	0°37'21
minimum elong	-2623 May 30 j 05:35	15°♉36'38	0°37'23
max. Earth dist.	-2623 Jun 06 j 00:14	19°♉57'04	2.66229 AU
	-2623 Jun 21 j 17:47	0°♊	
morning rise	-2623 Jul 15 j 16:00	15°♊14'20	
	-2623 Aug 07 j 20:44	0°♋	
	-2623 Sep 23 j 22:06	0°♌	
	-2623 Nov 09 j 22:34	0°♍	
	-2623 Dec 27 j 14:41	0°♎	
	-2622 Feb 16 j 03:28	0°♏	
desc. node	-2622 Apr 02 j 11:35	21°♏50'36	
retrograde	-2622 May 09 j 09:11	29°♏28'00	
opposition	-2622 Jun 08 j 18:08	24°♏27'11	-4°35'21
greatest brilliancy	-2622 Jun 08 j 20:39	24°♏25'30	-2.9m
min. Earth dist.	-2622 Jun 09 j 23:22	24°♏07'45	0.37768 AU
direct	-2622 Jul 09 j 03:46	19°♏18'42	
	-2622 Aug 21 j 04:06	0°♐	
	-2622 Oct 14 j 04:24	0°♑	
	-2622 Nov 29 j 13:39	0°♒	
	-2621 Jan 14 j 02:41	0°♓	
asc. node	-2621 Feb 07 j 00:05	15°♓36'26	
	-2621 Mar 01 j 05:47	0°♈	
	-2621 Apr 17 j 04:08	0°♉	
evening set	-2621 May 21 j 09:43	21°♉42'36	
	-2621 Jun 03 j 11:24	0°♊	
max. Earth dist.	-2621 Jun 29 j 11:24	16°♊32'57	2.66827 AU
conjunction	-2621 Jul 07 j 01:49	21°♊24'32	1°05'36
minimum elong	-2621 Jul 07 j 00:57	21°♊23'09	1°05'40
	-2621 Jul 20 j 10:54	0°♋	
morning rise	-2621 Aug 21 j 00:58	20°♋29'50	
	-2621 Sep 04 j 12:03	0°♌	
	-2621 Oct 19 j 07:40	0°♍	
	-2621 Dec 01 j 22:41	0°♎	
	-2620 Jan 13 j 15:09	0°♏	
desc. node	-2620 Feb 18 j 11:01	25°♏24'49	
	-2620 Feb 24 j 22:38	0°♐	
	-2620 Apr 08 j 05:58	0°♑	
	-2620 May 27 j 14:51	0°♒	
retrograde	-2620 Jul 18 j 05:53	15°♒29'37	
min. Earth dist.	-2620 Aug 14 j 14:56	10°♒26'22	0.44164 AU
greatest brilliancy	-2620 Aug 21 j 04:51	8°♒14'57	-2.5m
opposition	-2620 Aug 22 j 15:01	7°♒46'18	-5°36'29
direct	-2620 Sep 23 j 14:07	1°♒28'27	
	-2620 Dec 14 j 13:59	0°♓	
asc. node	-2620 Dec 24 j 23:43	5°♓39'00	
	-2619 Feb 05 j 07:32	0°♈	
	-2619 Mar 27 j 03:32	0°♉	
	-2619 May 14 j 19:22	0°♊	
evening set	-2619 Jun 27 j 10:41	27°♊34'36	
	-2619 Jul 01 j 05:14	0°♋	
max. Earth dist.	-2619 Jul 23 j 09:33	14°♋23'25	2.62081 AU
conjunction	-2619 Aug 13 j 01:12	28°♋02'22	1°08'13
minimum elong	-2619 Aug 13 j 01:52	28°♋03'28	1°08'16
	-2619 Aug 15 j 23:39	0°♌	
morning rise	-2619 Sep 28 j 21:05	29°♌59'58	
	-2619 Sep 28 j 21:06	0°♍	
	-2619 Nov 09 j 23:46	0°♎	
	-2619 Dec 20 j 15:29	0°♏	
desc. node	-2618 Jan 05 j 10:23	11°♏51'44	
	-2618 Jan 29 j 09:13	0°♐	
	-2618 Mar 09 j 23:26	0°♑	
	-2618 Apr 19 j 14:05	0°♒	
	-2618 Jun 02 j 09:22	0°♓	
	-2618 Jul 27 j 16:25	0°♈	
retrograde	-2618 Sep 03 j 18:32	8°♈34'25	
min. Earth dist.	-2618 Oct 06 j 11:48	1°♈20'21	0.56606 AU
	-2618 Oct 09 j 22:14	30°℞♓	
opposition	-2618 Oct 12 j 19:10	28°♓52'23	-1°19'32
greatest brilliancy	-2618 Oct 12 j 12:19	28°♓59'04	-1.8m
asc. node	-2618 Nov 11 j 22:58	20°♓52'19	
direct	-2618 Nov 18 j 00:10	20°♓37'44	
	-2618 Dec 31 j 02:38	0°♈	
	-2617 Mar 03 j 12:44	0°♉	
	-2617 Apr 24 j 17:41	0°♊	
	-2617 Jun 12 j 10:59	0°♋	
	-2617 Jul 28 j 12:12	0°♌	
evening set	-2617 Aug 06 j 11:29	6°♌02'41	
max. Earth dist.	-2617 Aug 23 j 00:04	17°♌21'19	2.52435 AU
	-2617 Sep 10 j 01:55	0°♍	
conjunction	-2617 Sep 25 j 08:43	10°♍54'26	0°37'24
minimum elong	-2617 Sep 25 j 10:19	10°♍57'19	0°37'25
	-2617 Oct 21 j 11:40	0°♎	
morning rise	-2617 Nov 18 j 04:42	20°♎48'34	
desc. node	-2617 Nov 23 j 09:10	24°♎45'33	
	-2617 Nov 30 j 05:36	0°♏	
	-2616 Jan 08 j 00:11	0°♐	
	-2616 Feb 15 j 14:36	0°♑	
	-2616 Mar 25 j 22:39	0°♒	
	-2616 May 06 j 02:16	0°♓	
	-2616 Jun 19 j 15:02	0°♈	
	-2616 Aug 11 j 00:47	0°♉	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

asc. node	-2616 Sep 28 j 22:30	16°♉45'48	
retrograde	-2616 Oct 10 j 04:16	17°♉33'43	
min. Earth dist.	-2616 Nov 16 j 10:58	8°♉43'50	0.64989 AU
opposition	-2616 Nov 19 j 05:01	7°♉37'19	1°56'12
greatest brilliancy	-2616 Nov 18 j 23:27	7°♉42'56	-1.4m
	-2616 Dec 12 j 04:50	30°℞♈	
direct	-2616 Dec 28 j 09:42	28°♈16'45	
	-2615 Jan 14 j 19:21	0°♉	
	-2615 Mar 30 j 14:19	0°♊	
	-2615 May 22 j 02:38	0°♋	
	-2615 Jul 08 j 08:08	0°♌	
	-2615 Aug 21 j 02:41	0°♍	
evening set	-2615 Sep 22 j 06:46	23°♍18'41	
	-2615 Oct 01 j 06:31	0°♎	
desc. node	-2615 Oct 10 j 07:06	6°♎47'09	
max. Earth dist.	-2615 Oct 15 j 18:36	10°♎56'16	2.40077 AU
	-2615 Nov 09 j 14:09	0°♏	
conjunction	-2615 Nov 19 j 16:08	7°♏50'43	-0°27'29
minimum elong	-2615 Nov 19 j 14:06	7°♏46'44	0°27'30
	-2615 Dec 17 j 21:57	0°♐	
morning rise	-2614 Jan 25 j 05:44	0°♑04'53	
	-2614 Jan 25 j 03:14	0°♑	
	-2614 Mar 05 j 03:02	0°♒	
	-2614 Apr 14 j 17:28	0°♓	
	-2614 May 27 j 17:37	0°♈	
	-2614 Jul 13 j 05:01	0°♉	
asc. node	-2614 Aug 16 j 22:57	20°♉17'37	
	-2614 Sep 04 j 10:15	0°♊	
retrograde	-2614 Nov 13 j 20:02	21°♊35'37	
opposition	-2614 Dec 23 j 13:14	12°♊03'23	3°59'46
greatest brilliancy	-2614 Dec 23 j 15:02	12°♊01'36	-1.3m
min. Earth dist.	-2614 Dec 24 j 14:17	11°♊38'22	0.67289 AU
direct	-2613 Feb 02 j 10:20	2°♊08'42	
	-2613 Apr 27 j 00:33	0°♋	
	-2613 Jun 17 j 05:39	0°♌	
	-2613 Aug 01 j 04:05	0°♍	
desc. node	-2613 Aug 28 j 06:03	19°♍23'16	
	-2613 Sep 11 j 14:28	0°♎	
	-2613 Oct 20 j 20:59	0°♏	
evening set	-2613 Nov 24 j 03:28	26°♏53'34	
	-2613 Nov 28 j 02:00	0°♐	
	-2612 Jan 05 j 05:43	0°♑	
conjunction	-2612 Jan 29 j 10:22	18°♑43'27	-1°06'34
minimum elong	-2612 Jan 29 j 10:52	18°♑44'24	1°06'39
	-2612 Feb 13 j 05:55	0°♒	
max. Earth dist.	-2612 Mar 18 j 22:39	25°♒43'00	2.43882 AU
	-2612 Mar 24 j 20:45	0°♓	
morning rise	-2612 Apr 03 j 08:46	6°♓48'24	
	-2612 May 06 j 14:53	0°♈	
	-2612 Jun 20 j 20:19	0°♉	
asc. node	-2612 Jul 03 j 21:32	8°♉19'57	
	-2612 Aug 08 j 01:14	0°♊	
	-2612 Sep 30 j 14:21	0°♋	
retrograde	-2612 Dec 19 j 17:05	25°♋50'15	
opposition	-2611 Jan 27 j 00:36	17°♋05'17	4°53'19
greatest brilliancy	-2611 Jan 27 j 19:12	16°♋47'15	-1.5m
min. Earth dist.	-2611 Jan 31 j 21:25	15°♋12'00	0.63112 AU
direct	-2611 Mar 09 j 03:44	7°♋06'53	
	-2611 May 19 j 12:37	0°♌	
	-2611 Jul 08 j 08:57	0°♍	
desc. node	-2611 Jul 15 j 05:04	4°♍34'10	
	-2611 Aug 20 j 07:09	0°♎	
	-2611 Sep 29 j 03:47	0°♏	
	-2611 Nov 06 j 16:41	0°♐	
	-2611 Dec 15 j 03:37	0°♑	
	-2610 Jan 23 j 12:04	0°♒	
evening set	-2610 Jan 30 j 08:05	5°♒05'55	
	-2610 Mar 05 j 11:34	0°♓	
conjunction	-2610 Mar 30 j 12:14	17°♓38'21	-0°30'10
minimum elong	-2610 Mar 30 j 13:50	17°♓41'09	0°30'11
	-2610 Apr 17 j 11:35	0°♈	
max. Earth dist.	-2610 Apr 30 j 18:09	8°♈58'41	2.56390 AU
asc. node	-2610 May 21 j 19:18	22°♈58'18	
morning rise	-2610 May 23 j 15:29	24°♈10'58	
	-2610 Jun 01 j 12:50	0°♉	
	-2610 Jul 18 j 10:38	0°♊	
	-2610 Sep 05 j 05:42	0°♋	
	-2610 Oct 27 j 06:46	0°♌	
	-2609 Jan 01 j 06:25	0°♍	
retrograde	-2609 Feb 02 j 21:53	5°♍35'35	
	-2609 Mar 05 j 05:22	30°℞♌	
opposition	-2609 Mar 10 j 11:43	28°♌09'28	3°55'51
greatest brilliancy	-2609 Mar 11 j 16:30	27°♌43'35	-2.0m
min. Earth dist.	-2609 Mar 18 j 13:30	25°♌16'06	0.52809 AU
direct	-2609 Apr 18 j 15:31	19°♌05'30	
	-2609 Jun 01 j 16:10	0°♍	
desc. node	-2609 Jun 02 j 03:43	0°♍12'47	
	-2609 Jul 24 j 12:30	0°♎	
	-2609 Sep 05 j 05:33	0°♏	
	-2609 Oct 15 j 05:13	0°♐	
	-2609 Nov 23 j 17:36	0°♑	
	-2608 Jan 03 j 00:28	0°♒	
	-2608 Feb 13 j 20:13	0°♓	
evening set	-2608 Mar 24 j 04:46	27°♓05'07	
	-2608 Mar 28 j 12:34	0°♈	
asc. node	-2608 Apr 07 j 18:28	6°♈51'41	
	-2608 May 12 j 22:31	0°♉	
conjunction	-2608 May 14 j 15:06	1°♉05'55	0°20'53
minimum elong	-2608 May 14 j 14:16	1°♉04'33	0°20'55
max. Earth dist.	-2608 May 27 j 10:29	9°♉23'22	2.64491 AU
	-2608 Jun 28 j 14:29	0°♊	
morning rise	-2608 Jul 01 j 10:18	1°♊47'57	
	-2608 Aug 14 j 23:07	0°♋	
	-2608 Oct 01 j 18:12	0°♌	
	-2608 Nov 19 j 11:14	0°♍	
	-2607 Jan 10 j 05:59	0°♎	
	-2607 Mar 26 j 15:42	0°♏	
retrograde	-2607 Apr 07 j 16:51	0°♏52'22	
desc. node	-2607 Apr 19 j 03:37	0°♏02'47	
	-2607 Apr 19 j 11:19	30°℞♎	
opposition	-2607 May 08 j 22:19	25°♎27'14	-1°21'12
greatest brilliancy	-2607 May 09 j 05:00	25°♎22'24	-2.8m
min. Earth dist.	-2607 May 14 j 20:15	23°♎44'53	0.40252 AU
direct	-2607 Jun 11 j 02:28	19°♎15'02	
	-2607 Jul 23 j 10:37	0°♏	
	-2607 Sep 13 j 16:00	0°♐	
	-2607 Oct 27 j 20:29	0°♑	
	-2607 Dec 10 j 00:20	0°♒	
	-2606 Jan 22 j 20:39	0°♓	
asc. node	-2606 Feb 23 j 16:46	21°♓15'37	
	-2606 Mar 08 j 23:32	0°♈	
	-2606 Apr 24 j 07:25	0°♉	
evening set	-2606 May 06 j 03:49	7°♉35'10	
	-2606 Jun 10 j 07:34	0°♊	
max. Earth dist.	-2606 Jun 20 j 12:42	6°♊30'19	2.67229 AU
conjunction	-2606 Jun 22 j 14:22	7°♊49'25	0°57'19
minimum elong	-2606 Jun 22 j 13:10	7°♊47'31	0°57'23
	-2606 Jul 27 j 06:50	0°♋	
morning rise	-2606 Aug 06 j 18:43	6°♋45'03	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2606 Sep 11 j 14:54	0°♌	
	-2606 Oct 27 j 02:03	0°♍	
	-2606 Dec 10 j 18:47	0°♎	
	-2605 Jan 24 j 02:30	0°♏	
desc. node	-2605 Mar 07 j 04:12	28°♏06'16	
	-2605 Mar 10 j 01:53	0°♐	
	-2605 Apr 28 j 16:40	0°♑	
retrograde	-2605 Jun 25 j 01:52	18°♑10'54	
min. Earth dist.	-2605 Jul 21 j 18:48	13°♑42'21	0.39886 AU
opposition	-2605 Jul 27 j 23:47	11°♑51'56	-6°39'24
greatest brilliancy	-2605 Jul 26 j 15:48	12°♑15'44	-2.7m
direct	-2605 Aug 27 j 06:07	6°♑27'31	
	-2605 Nov 06 j 08:34	0°♒	
	-2605 Dec 28 j 14:31	0°♓	
asc. node	-2604 Jan 11 j 14:58	8°♓30'35	
	-2604 Feb 15 j 13:05	0°♈	
	-2604 Apr 03 j 21:26	0°♉	
	-2604 May 21 j 21:16	0°♊	
evening set	-2604 Jun 12 j 16:13	13°♊46'07	
	-2604 Jul 08 j 01:30	0°♋	
max. Earth dist.	-2604 Jul 13 j 07:30	3°♋23'19	2.64549 AU
conjunction	-2604 Jul 28 j 23:32	13°♋34'12	1°10'42
minimum elong	-2604 Jul 28 j 23:32	13°♋34'12	1°10'45
	-2604 Aug 22 j 21:07	0°♌	
morning rise	-2604 Sep 12 j 14:59	13°♌56'44	
	-2604 Oct 06 j 01:26	0°♍	
	-2604 Nov 17 j 15:22	0°♎	
	-2604 Dec 28 j 21:32	0°♏	
desc. node	-2603 Jan 22 j 02:44	17°♏55'47	
	-2603 Feb 07 j 07:36	0°♐	
	-2603 Mar 19 j 17:23	0°♑	
	-2603 Apr 30 j 15:25	0°♒	
	-2603 Jun 17 j 04:58	0°♓	
retrograde	-2603 Aug 18 j 01:57	20°♓29'27	
min. Earth dist.	-2603 Sep 17 j 16:11	14°♓03'58	0.51944 AU
greatest brilliancy	-2603 Sep 24 j 09:07	11°♓32'32	-2.1m
opposition	-2603 Sep 25 j 02:40	11°♓15'57	-2°56'55
direct	-2603 Oct 29 j 19:05	3°♓40'04	
asc. node	-2603 Nov 28 j 14:20	8°♓37'59	
	-2602 Jan 17 j 15:27	0°♈	
	-2602 Mar 13 j 03:34	0°♉	
	-2602 May 02 j 12:29	0°♊	
	-2602 Jun 19 j 14:24	0°♋	
evening set	-2602 Jul 21 j 08:07	20°♋35'39	
	-2602 Aug 04 j 11:36	0°♌	
max. Earth dist.	-2602 Aug 09 j 21:42	3°♌38'38	2.56728 AU
conjunction	-2602 Sep 07 j 10:42	23°♌12'27	0°53'52
minimum elong	-2602 Sep 07 j 12:13	23°♌15'05	0°53'53
	-2602 Sep 17 j 03:22	0°♍	
morning rise	-2602 Oct 27 j 17:26	29°♍14'00	
	-2602 Oct 28 j 18:27	0°♎	
	-2602 Dec 07 j 19:21	0°♏	
desc. node	-2602 Dec 10 j 02:16	1°♏44'34	
	-2601 Jan 15 j 20:55	0°♐	
	-2601 Feb 23 j 17:57	0°♑	
	-2601 Apr 04 j 09:21	0°♒	
	-2601 May 16 j 02:03	0°♓	
	-2601 Jul 01 j 05:42	0°♈	
	-2601 Sep 03 j 03:52	0°♉	
retrograde	-2601 Sep 27 j 06:43	3°♉32'10	
asc. node	-2601 Oct 16 j 13:55	0°♉55'10	
	-2601 Oct 19 j 19:06	30°℞♈	
min. Earth dist.	-2601 Nov 01 j 21:54	25°♈15'48	0.62394 AU
opposition	-2601 Nov 06 j 02:51	23°♈34'39	0°49'41
greatest brilliancy	-2601 Nov 05 j 23:20	23°♈38'11	-1.6m
direct	-2601 Dec 14 j 07:11	14°♈35'23	
	-2600 Feb 10 j 19:33	0°♉	
	-2600 Apr 09 j 12:28	0°♊	
	-2600 May 30 j 01:05	0°♋	
	-2600 Jul 15 j 16:30	0°♌	
	-2600 Aug 28 j 08:08	0°♍	
evening set	-2600 Sep 02 j 04:38	3°♍27'04	
max. Earth dist.	-2600 Sep 18 j 01:27	14°♍53'06	2.44876 AU
	-2600 Oct 08 j 13:33	0°♎	
conjunction	-2600 Oct 26 j 12:47	13°♎31'49	0°00'22
minimum elong	-2600 Oct 26 j 12:48	13°♎31'50	0°00'21
behind sun begin	-2600 Oct 25 j 12:35	12°♎45'52	
behind sun end	-2600 Oct 27 j 13:01	14°♎17'51	
desc. node	-2600 Oct 27 j 01:31	13°♎55'58	
	-2600 Nov 17 j 00:27	0°♏	
	-2600 Dec 25 j 11:25	0°♐	
morning rise	-2600 Dec 27 j 03:45	1°♐19'08	
	-2599 Feb 01 j 18:58	0°♑	
	-2599 Mar 12 j 20:16	0°♒	
	-2599 Apr 22 j 12:49	0°♓	
	-2599 Jun 04 j 20:33	0°♈	
	-2599 Jul 22 j 11:58	0°♉	
asc. node	-2599 Sep 02 j 12:59	22°♉27'06	
	-2599 Sep 20 j 07:09	0°♊	
retrograde	-2599 Oct 31 j 09:41	8°♊47'57	
	-2599 Dec 08 j 00:20	30°℞♉	
opposition	-2599 Dec 10 j 08:52	29°♉03'17	3°19'52
greatest brilliancy	-2599 Dec 10 j 06:04	29°♉06'06	-1.3m
min. Earth dist.	-2599 Dec 09 j 21:44	29°♉14'29	0.67156 AU
direct	-2598 Jan 19 j 17:50	19°♉18'48	
	-2598 Mar 07 j 23:50	0°♊	
	-2598 May 07 j 11:45	0°♋	
	-2598 Jun 25 j 13:06	0°♌	
	-2598 Aug 08 j 21:19	0°♍	
desc. node	-2598 Sep 13 j 23:10	26°♍07'28	
	-2598 Sep 19 j 03:57	0°♎	
evening set	-2598 Oct 28 j 14:49	0°♏08'55	
	-2598 Oct 28 j 10:14	0°♏	
	-2598 Dec 05 j 15:34	0°♐	
conjunction	-2597 Jan 01 j 07:39	21°♐00'53	-1°01'24
minimum elong	-2597 Jan 01 j 05:19	20°♐56'17	1°01'27
	-2597 Jan 12 j 18:57	0°♑	
max. Earth dist.	-2597 Feb 12 j 02:28	23°♑25'55	2.38924 AU
	-2597 Feb 20 j 17:49	0°♒	
morning rise	-2597 Mar 10 j 14:49	13°♒24'11	
	-2597 Apr 02 j 06:47	0°♓	
	-2597 May 15 j 00:42	0°♈	
	-2597 Jun 29 j 12:15	0°♉	
asc. node	-2597 Jul 21 j 12:47	13°♉45'58	
	-2597 Aug 17 j 19:41	0°♊	
	-2597 Oct 15 j 16:48	0°♋	
retrograde	-2597 Dec 05 j 19:25	12°♋24'19	
opposition	-2596 Jan 13 j 19:27	3°♋17'58	4°42'01
greatest brilliancy	-2596 Jan 14 j 07:02	3°♋06'34	-1.4m
min. Earth dist.	-2596 Jan 17 j 04:31	1°♋58'10	0.65512 AU
	-2596 Jan 22 j 07:25	30°℞♊	
direct	-2596 Feb 24 j 01:02	23°♊16'33	
	-2596 Mar 30 j 17:41	0°♋	
	-2596 May 31 j 13:35	0°♌	
	-2596 Jul 17 j 13:39	0°♍	
desc. node	-2596 Jul 31 j 21:11	9°♍54'59	
	-2596 Aug 28 j 16:24	0°♎	
	-2596 Oct 07 j 05:18	0°♏	
	-2596 Nov 14 j 13:39	0°♐	
	-2596 Dec 22 j 20:30	0°♑	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

evening set	-2595 Jan 04 j 22:48	10°♉08'18	
	-2595 Jan 31 j 00:32	0°♒	
conjunction	-2595 Mar 08 j 20:27	27°♒09'20	-0°49'21
minimum elong	-2595 Mar 08 j 22:51	27°♒13'40	0°49'22
	-2595 Mar 12 j 19:15	0°♓	
max. Earth dist.	-2595 Apr 17 j 07:56	24°♓59'15	2.51876 AU
	-2595 Apr 24 j 15:22	0°♈	
morning rise	-2595 May 05 j 19:37	7°♈35'11	
asc. node	-2595 Jun 07 j 12:01	29°♈14'47	
	-2595 Jun 08 j 15:48	0°♉	
	-2595 Jul 25 j 20:52	0°♊	
	-2595 Sep 13 j 19:05	0°♋	
	-2595 Nov 09 j 01:32	0°♌	
retrograde	-2594 Jan 14 j 18:40	19°♌11'07	
opposition	-2594 Feb 20 j 14:46	11°♌08'54	4°37'22
greatest brilliancy	-2594 Feb 21 j 18:19	10°♌43'07	-1.7m
min. Earth dist.	-2594 Feb 27 j 14:55	8°♌31'56	0.57483 AU
direct	-2594 Apr 01 j 21:58	1°♌32'48	
desc. node	-2594 Jun 18 j 20:47	29°♌25'21	
	-2594 Jun 19 j 20:28	0°♍	
	-2594 Aug 04 j 23:34	0°♎	
	-2594 Sep 15 j 00:19	0°♏	
	-2594 Oct 24 j 04:27	0°♐	
	-2594 Dec 02 j 03:04	0°♑	
	-2593 Jan 10 j 22:24	0°♒	
	-2593 Feb 21 j 07:58	0°♓	
evening set	-2593 Mar 05 j 23:01	8°♓52'55	
	-2593 Apr 05 j 16:13	0°♈	
asc. node	-2593 Apr 25 j 09:57	13°♈14'25	
conjunction	-2593 Apr 28 j 21:58	15°♈33'49	0°02'04
minimum elong	-2593 Apr 28 j 21:54	15°♈33'42	0°02'06
behind sun begin	-2593 Apr 28 j 00:37	14°♈58'27	
behind sun end	-2593 Apr 29 j 19:11	16°♈08'56	
max. Earth dist.	-2593 May 18 j 08:17	28°♈20'45	2.61952 AU
	-2593 May 20 j 21:08	0°♉	
morning rise	-2593 Jun 17 j 16:06	17°♉57'23	
	-2593 Jul 06 j 13:19	0°♊	
	-2593 Aug 23 j 06:55	0°♋	
	-2593 Oct 11 j 04:02	0°♌	
	-2593 Dec 01 j 17:13	0°♍	
	-2592 Feb 03 j 14:42	0°♎	
retrograde	-2592 Mar 10 j 04:11	6°♎38'32	
opposition	-2592 Apr 12 j 05:33	0°♎24'15	1°26'21
greatest brilliancy	-2592 Apr 12 j 18:09	0°♎14'11	-2.5m
	-2592 Apr 13 j 11:49	30°℞♍	
min. Earth dist.	-2592 Apr 20 j 10:38	27°♍47'08	0.44782 AU
desc. node	-2592 May 05 j 20:00	23°♍55'20	
direct	-2592 May 18 j 07:25	22°♍51'12	
	-2592 Jun 21 j 05:36	0°♎	
	-2592 Aug 15 j 01:52	0°♏	
	-2592 Sep 27 j 09:28	0°♐	
	-2592 Nov 07 j 17:02	0°♑	
	-2592 Dec 19 j 06:27	0°♒	
	-2591 Jan 31 j 01:22	0°♓	
asc. node	-2591 Mar 12 j 08:24	27°♓16'01	
	-2591 Mar 16 j 11:05	0°♈	
evening set	-2591 Apr 20 j 07:05	22°♈51'01	
	-2591 May 01 j 08:07	0°♉	
conjunction	-2591 Jun 07 j 21:35	24°♉05'50	0°45'35
minimum elong	-2591 Jun 07 j 20:17	24°♉03'47	0°45'38
max. Earth dist.	-2591 Jun 11 j 10:24	26°♉21'13	2.66818 AU
	-2591 Jun 17 j 03:33	0°♊	
morning rise	-2591 Jul 23 j 17:19	23°♊19'01	
	-2591 Aug 03 j 04:36	0°♋	
	-2591 Sep 18 j 22:41	0°♌	
	-2591 Nov 04 j 07:16	0°♍	
	-2591 Dec 20 j 14:41	0°♎	
	-2590 Feb 05 j 21:47	0°♏	
desc. node	-2590 Mar 23 j 20:05	26°♏41'58	
	-2590 Mar 30 j 05:46	0°♐	
retrograde	-2590 May 27 j 10:26	17°♐28'07	
min. Earth dist.	-2590 Jun 25 j 06:37	12°♐45'09	0.37691 AU
opposition	-2590 Jun 27 j 02:24	12°♐15'52	-5°58'15
greatest brilliancy	-2590 Jun 26 j 16:03	12°♐22'48	-2.9m
direct	-2590 Jul 26 j 21:56	7°♐18'02	
	-2590 Oct 02 j 16:28	0°♑	
	-2590 Nov 22 j 01:14	0°♒	
	-2589 Jan 08 j 02:27	0°♓	
asc. node	-2589 Jan 28 j 06:42	12°♓56'12	
	-2589 Feb 23 j 23:51	0°♈	
	-2589 Apr 12 j 07:57	0°♉	
evening set	-2589 May 29 j 22:12	0°♊03'08	
	-2589 May 29 j 20:14	0°♊	
max. Earth dist.	-2589 Jul 04 j 20:32	22°♊55'07	2.66254 AU
conjunction	-2589 Jul 15 j 08:10	29°♊39'03	1°08'39
minimum elong	-2589 Jul 15 j 07:35	29°♊38'07	1°08'43
	-2589 Jul 15 j 21:11	0°♋	
morning rise	-2589 Aug 29 j 09:22	29°♋02'15	
	-2589 Aug 30 j 20:16	0°♌	
	-2589 Oct 14 j 10:16	0°♍	
	-2589 Nov 26 j 15:19	0°♎	
	-2588 Jan 07 j 17:27	0°♏	
desc. node	-2588 Feb 08 j 21:00	23°♏15'26	
	-2588 Feb 18 j 04:08	0°♐	
	-2588 Mar 31 j 00:15	0°♑	
	-2588 May 14 j 22:00	0°♒	
retrograde	-2588 Jul 30 j 07:09	29°♒31'38	
min. Earth dist.	-2588 Aug 27 j 16:48	23°♒59'30	0.46909 AU
opposition	-2588 Sep 04 j 18:55	21°♒08'38	-4°40'48
greatest brilliancy	-2588 Sep 03 j 13:39	21°♒34'34	-2.3m
direct	-2588 Oct 07 j 18:55	14°♒20'33	
	-2588 Dec 03 j 14:11	0°♓	
asc. node	-2588 Dec 15 j 04:59	5°♓31'23	
	-2587 Jan 29 j 16:22	0°♈	
	-2587 Mar 21 j 18:14	0°♉	
	-2587 May 09 j 22:38	0°♊	
	-2587 Jun 26 j 13:51	0°♋	
evening set	-2587 Jul 06 j 00:22	6°♋04'45	
max. Earth dist.	-2587 Jul 29 j 12:25	21°♋26'22	2.60390 AU
	-2587 Aug 11 j 09:19	0°♌	
conjunction	-2587 Aug 21 j 23:38	7°♌07'44	1°04'30
minimum elong	-2587 Aug 22 j 00:39	7°♌09'28	1°04'33
	-2587 Sep 24 j 05:07	0°♍	
morning rise	-2587 Oct 08 j 18:37	10°♍16'29	
	-2587 Nov 05 j 03:47	0°♎	
	-2587 Dec 15 j 14:14	0°♏	
desc. node	-2587 Dec 26 j 19:50	8°♏29'09	
	-2586 Jan 24 j 01:38	0°♐	
	-2586 Mar 04 j 08:23	0°♑	
	-2586 Apr 13 j 11:50	0°♒	
	-2586 May 26 j 04:39	0°♓	
	-2586 Jul 14 j 23:34	0°♈	
retrograde	-2586 Sep 12 j 15:09	18°♈22'49	
min. Earth dist.	-2586 Oct 16 j 10:26	10°♈45'17	0.58872 AU
opposition	-2586 Oct 22 j 01:03	8°♈32'05	-0°28'36
greatest brilliancy	-2586 Oct 21 j 22:53	8°♈34'13	-1.7m
asc. node	-2586 Nov 02 j 04:27	4°♈25'05	
	-2586 Nov 27 j 07:55	30°℞♓	
direct	-2586 Nov 28 j 00:07	29°♓59'49	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2586 Nov 28 j 16:23	0°♈	
	-2585 Feb 24 j 09:22	0°♉	
	-2585 Apr 19 j 06:40	0°♊	
	-2585 Jun 07 j 13:40	0°♋	
	-2585 Jul 23 j 19:51	0°♌	
evening set	-2585 Aug 16 j 03:30	15°♌49'38	
max. Earth dist.	-2585 Aug 31 j 15:11	26°♌36'26	2.49826 AU
	-2585 Sep 05 j 10:37	0°♍	
conjunction	-2585 Oct 06 j 08:26	22°♍17'18	0°25'22
minimum elong	-2585 Oct 06 j 09:44	22°♍19'41	0°25'21
	-2585 Oct 16 j 19:00	0°♎	
desc. node	-2585 Nov 13 j 18:07	21°♎03'16	
	-2585 Nov 25 j 10:35	0°♏	
morning rise	-2585 Dec 01 j 16:24	4°♏48'33	
	-2584 Jan 03 j 02:18	0°♐	
	-2584 Feb 10 j 13:50	0°♑	
	-2584 Mar 20 j 18:41	0°♒	
	-2584 Apr 30 j 16:26	0°♓	
	-2584 Jun 13 j 14:19	0°♈	
	-2584 Aug 02 j 10:56	0°♉	
asc. node	-2584 Sep 19 j 05:12	21°♉00'46	
retrograde	-2584 Oct 17 j 23:21	25°♉43'37	
min. Earth dist.	-2584 Nov 25 j 01:49	16°♉37'30	0.66018 AU
opposition	-2584 Nov 27 j 00:46	15°♉50'14	2°29'59
greatest brilliancy	-2584 Nov 26 j 19:24	15°♉55'39	-1.4m
direct	-2583 Jan 05 j 16:48	6°♉20'08	
	-2583 Mar 23 j 02:02	0°♊	
	-2583 May 16 j 13:33	0°♋	
	-2583 Jul 03 j 08:52	0°♌	
	-2583 Aug 16 j 08:29	0°♍	
	-2583 Sep 26 j 13:33	0°♎	
desc. node	-2583 Sep 30 j 16:36	3°♎05'36	
evening set	-2583 Oct 04 j 15:34	6°♎04'24	
	-2583 Nov 04 j 20:49	0°♏	
max. Earth dist.	-2583 Nov 12 j 11:58	5°♏56'25	2.38047 AU
conjunction	-2583 Dec 04 j 11:37	23°♏10'41	-0°42'16
minimum elong	-2583 Dec 04 j 08:41	23°♏04'55	0°42'17
	-2583 Dec 13 j 03:28	0°♐	
	-2582 Jan 20 j 07:28	0°♑	
morning rise	-2582 Feb 10 j 18:29	16°♑38'46	
	-2582 Feb 28 j 06:10	0°♒	
	-2582 Apr 09 j 18:54	0°♓	
	-2582 May 22 j 15:05	0°♈	
	-2582 Jul 07 j 14:16	0°♉	
asc. node	-2582 Aug 07 j 04:48	18°♉28'06	
	-2582 Aug 27 j 19:49	0°♊	
retrograde	-2582 Nov 21 j 17:21	29°♊25'12	
opposition	-2582 Dec 31 j 05:19	20°♊01'14	4°18'23
greatest brilliancy	-2582 Dec 31 j 10:17	19°♊56'18	-1.3m
min. Earth dist.	-2581 Jan 02 j 02:01	19°♊16'46	0.66929 AU
direct	-2581 Feb 10 j 06:47	10°♊02'58	
	-2581 Apr 18 j 21:48	0°♋	
	-2581 Jun 11 j 10:18	0°♌	
	-2581 Jul 26 j 23:51	0°♍	
desc. node	-2581 Aug 18 j 14:44	16°♍01'22	
	-2581 Sep 06 j 15:48	0°♎	
	-2581 Oct 16 j 00:43	0°♏	
	-2581 Nov 23 j 06:44	0°♐	
evening set	-2581 Dec 09 j 15:52	12°♐54'33	
	-2581 Dec 31 j 10:58	0°♑	
	-2580 Feb 08 j 11:41	0°♒	
conjunction	-2580 Feb 13 j 09:50	3°♒42'31	-1°03'09
minimum elong	-2580 Feb 13 j 11:38	3°♒45'54	1°03'13
	-2580 Mar 20 j 02:43	0°♓	
max. Earth dist.	-2580 Mar 31 j 12:50	8°♓10'32	2.46793 AU
morning rise	-2580 Apr 15 j 20:49	18°♓58'11	
	-2580 May 01 j 20:12	0°♈	
	-2580 Jun 15 j 22:08	0°♉	
asc. node	-2580 Jun 24 j 03:21	5°♉17'44	
	-2580 Aug 02 j 15:26	0°♊	
	-2580 Sep 23 j 10:01	0°♋	
	-2580 Nov 30 j 08:33	0°♌	
retrograde	-2580 Dec 28 j 18:22	4°♌19'03	
	-2579 Jan 23 j 20:44	30°℞♋	
opposition	-2579 Feb 04 j 14:38	25°♋47'47	4°52'52
greatest brilliancy	-2579 Feb 05 j 12:53	25°♋26'24	-1.5m
min. Earth dist.	-2579 Feb 10 j 06:28	23°♋37'30	0.61344 AU
direct	-2579 Mar 17 j 13:04	15°♋54'32	
	-2579 May 09 j 13:21	0°♌	
	-2579 Jul 01 j 21:45	0°♍	
desc. node	-2579 Jul 05 j 13:01	2°♍21'00	
	-2579 Aug 14 j 15:49	0°♎	
	-2579 Sep 23 j 20:39	0°♏	
	-2579 Nov 01 j 14:03	0°♐	
	-2579 Dec 10 j 04:14	0°♑	
	-2578 Jan 18 j 15:38	0°♒	
evening set	-2578 Feb 12 j 13:32	18°♒21'20	
	-2578 Feb 28 j 17:35	0°♓	
conjunction	-2578 Apr 10 j 16:51	28°♓34'03	-0°18'22
minimum elong	-2578 Apr 10 j 17:49	28°♓35'41	0°18'22
	-2578 Apr 12 j 19:21	0°♈	
max. Earth dist.	-2578 May 07 j 13:46	16°♈38'45	2.58581 AU
asc. node	-2578 May 12 j 02:16	19°♈38'29	
	-2578 May 27 j 20:39	0°♉	
morning rise	-2578 Jun 02 j 01:25	3°♉23'10	
	-2578 Jul 13 j 15:06	0°♊	
	-2578 Aug 30 j 22:31	0°♋	
	-2578 Oct 20 j 12:11	0°♌	
	-2578 Dec 16 j 22:24	0°♍	
retrograde	-2577 Feb 14 j 22:13	16°♍15'31	
opposition	-2577 Mar 21 j 17:22	9°♍12'42	3°15'30
greatest brilliancy	-2577 Mar 22 j 19:30	8°♍49'59	-2.1m
min. Earth dist.	-2577 Mar 30 j 04:39	6°♍16'58	0.49977 AU
direct	-2577 Apr 29 j 00:08	0°♍34'47	
desc. node	-2577 May 23 j 13:29	4°♍22'47	
	-2577 Jul 15 j 20:12	0°♎	
	-2577 Aug 29 j 11:02	0°♏	
	-2577 Oct 09 j 05:02	0°♐	
	-2577 Nov 18 j 04:11	0°♑	
	-2577 Dec 28 j 19:10	0°♒	
	-2576 Feb 08 j 21:11	0°♓	
	-2576 Mar 23 j 18:21	0°♈	
asc. node	-2576 Mar 29 j 00:02	3°♈30'06	
evening set	-2576 Apr 03 j 10:37	7°♈07'28	
	-2576 May 08 j 07:13	0°♉	
conjunction	-2576 May 23 j 16:50	9°♉57'25	0°30'45
minimum elong	-2576 May 23 j 15:44	9°♉55'38	0°30'48
max. Earth dist.	-2576 Jun 02 j 00:14	15°♉56'36	2.65563 AU
	-2576 Jun 23 j 23:41	0°♊	
morning rise	-2576 Jul 09 j 15:22	9°♊58'06	
	-2576 Aug 10 j 04:38	0°♋	
	-2576 Sep 26 j 13:06	0°♌	
	-2576 Nov 13 j 05:20	0°♍	
	-2575 Jan 01 j 07:23	0°♎	
	-2575 Feb 25 j 04:42	0°♏	
desc. node	-2575 Apr 09 j 13:38	15°♏21'37	
retrograde	-2575 Apr 25 j 04:35	16°♏50'48	
opposition	-2575 May 25 j 19:35	11°♏44'33	-3°12'58
greatest brilliancy	-2575 May 26 j 03:47	11°♏38'56	-2.9m

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

min. Earth dist.	-2575 May 29 j 09:16	10°♏46'03	0.38546 AU
direct	-2575 Jun 26 j 06:44	6°♏12'52	
	-2575 Sep 02 j 05:38	0°♐	
	-2575 Oct 20 j 01:21	0°♑	
	-2575 Dec 03 j 16:15	0°♒	
	-2574 Jan 17 j 07:53	0°♓	
asc. node	-2574 Feb 13 j 21:39	18°♓13'33	
	-2574 Mar 03 j 22:24	0°♈	
	-2574 Apr 19 j 13:14	0°♉	
evening set	-2574 May 14 j 23:23	16°♉11'14	
	-2574 Jun 05 j 17:04	0°♊	
max. Earth dist.	-2574 Jun 25 j 19:57	12°♊48'29	2.67117 AU
conjunction	-2574 Jun 30 j 22:16	16°♊03'36	1°02'34
minimum elong	-2574 Jun 30 j 21:15	16°♊01'58	1°02'39
	-2574 Jul 22 j 16:33	0°♋	
morning rise	-2574 Aug 14 j 22:05	15°♋00'28	
	-2574 Sep 06 j 21:02	0°♌	
	-2574 Oct 21 j 23:45	0°♍	
	-2574 Dec 05 j 01:34	0°♎	
	-2573 Jan 17 j 09:39	0°♏	
desc. node	-2573 Feb 25 j 13:02	27°♏10'27	
	-2573 Mar 01 j 15:31	0°♐	
	-2573 Apr 15 j 17:34	0°♑	
	-2573 Jun 13 j 04:24	0°♒	
retrograde	-2573 Jul 09 j 07:02	4°♒30'49	
	-2573 Aug 04 j 08:51	30°℞♑	
min. Earth dist.	-2573 Aug 05 j 01:40	29°♑47'07	0.42083 AU
greatest brilliancy	-2573 Aug 11 j 02:40	27°♑52'33	-2.6m
opposition	-2573 Aug 12 j 13:57	27°♑24'28	-6°12'04
direct	-2573 Sep 12 j 17:17	21°♑31'36	
	-2573 Oct 21 j 21:00	0°♒	
	-2573 Dec 20 j 21:59	0°♓	
asc. node	-2572 Jan 01 j 20:58	6°♓53'33	
	-2572 Feb 09 j 16:14	0°♈	
	-2572 Mar 29 j 18:48	0°♉	
	-2572 May 17 j 03:24	0°♊	
evening set	-2572 Jun 21 j 03:25	22°♊06'24	
	-2572 Jul 03 j 11:13	0°♋	
max. Earth dist.	-2572 Jul 19 j 01:22	10°♋05'04	2.63289 AU
conjunction	-2572 Aug 06 j 13:06	22°♋12'10	1°09'49
minimum elong	-2572 Aug 06 j 13:29	22°♋12'49	1°09'53
	-2572 Aug 18 j 06:55	0°♌	
morning rise	-2572 Sep 21 j 17:54	23°♌21'30	
	-2572 Oct 01 j 08:19	0°♍	
	-2572 Nov 12 j 16:29	0°♎	
	-2572 Dec 23 j 14:51	0°♏	
desc. node	-2571 Jan 12 j 12:28	14°♏51'48	
	-2571 Feb 01 j 15:26	0°♐	
	-2571 Mar 13 j 12:48	0°♑	
	-2571 Apr 23 j 13:43	0°♒	
	-2571 Jun 07 j 10:09	0°♓	
	-2571 Aug 12 j 19:35	0°♈	
retrograde	-2571 Aug 27 j 19:33	1°♈31'25	
	-2571 Sep 11 j 05:11	30°℞♓	
min. Earth dist.	-2571 Sep 28 j 14:43	24°♓38'24	0.54589 AU
opposition	-2571 Oct 05 j 11:19	21°♓59'42	-1°59'36
greatest brilliancy	-2571 Oct 05 j 00:11	22°♓10'26	-1.9m
direct	-2571 Nov 10 j 00:13	14°♓01'27	
asc. node	-2571 Nov 18 j 20:34	14°♓30'39	
	-2570 Jan 07 j 19:45	0°♈	
	-2570 Mar 06 j 23:53	0°♉	
	-2570 Apr 27 j 08:43	0°♊	
	-2570 Jun 14 j 19:52	0°♋	
evening set	-2570 Jul 30 j 10:52	29°♋44'06	
	-2570 Jul 30 j 20:22	0°♌	
max. Earth dist.	-2570 Aug 17 j 04:58	11°♌44'17	2.54441 AU
	-2570 Sep 12 j 12:17	0°♍	
conjunction	-2570 Sep 17 j 10:36	3°♍29'12	0°45'07
minimum elong	-2570 Sep 17 j 12:13	3°♍32'05	0°45'07
	-2570 Oct 24 j 01:21	0°♎	
morning rise	-2570 Nov 08 j 12:42	11°♎30'33	
desc. node	-2570 Nov 30 j 11:30	28°♎06'23	
	-2570 Dec 02 j 23:04	0°♏	
	-2569 Jan 10 j 20:56	0°♐	
	-2569 Feb 18 j 13:46	0°♑	
	-2569 Mar 29 j 23:55	0°♒	
	-2569 May 10 j 06:48	0°♓	
	-2569 Jun 24 j 06:30	0°♈	
	-2569 Aug 18 j 05:57	0°♉	
retrograde	-2569 Oct 05 j 07:45	12°♉08'30	
asc. node	-2569 Oct 06 j 19:56	12°♉07'35	
min. Earth dist.	-2569 Nov 10 j 21:19	3°♉33'21	0.63943 AU
opposition	-2569 Nov 14 j 07:34	2°♉10'42	1°29'48
greatest brilliancy	-2569 Nov 14 j 02:20	2°♉15'57	-1.5m
	-2569 Nov 19 j 20:02	30°℞♈	
direct	-2569 Dec 23 j 02:18	22°♈59'07	
	-2568 Jan 29 j 05:02	0°♉	
	-2568 Apr 03 j 04:26	0°♊	
	-2568 May 24 j 19:49	0°♋	
	-2568 Jul 10 j 20:17	0°♌	
	-2568 Aug 23 j 14:58	0°♍	
evening set	-2568 Sep 13 j 08:13	14°♍52'30	
max. Earth dist.	-2568 Oct 01 j 19:14	28°♍28'07	2.42141 AU
	-2568 Oct 03 j 20:31	0°♎	
desc. node	-2568 Oct 17 j 09:14	10°♎10'19	
conjunction	-2568 Nov 08 j 19:50	27°♎20'30	-0°15'29
minimum elong	-2568 Nov 08 j 18:42	27°♎18'19	0°15'30
behind sun begin	-2568 Nov 08 j 10:34	27°♎02'37	
behind sun end	-2568 Nov 09 j 02:51	27°♎34'02	
	-2568 Nov 12 j 06:23	0°♏	
	-2568 Dec 20 j 15:55	0°♐	
morning rise	-2567 Jan 12 j 09:00	17°♐50'37	
	-2567 Jan 27 j 21:55	0°♑	
	-2567 Mar 07 j 21:38	0°♒	
	-2567 Apr 17 j 11:37	0°♓	
	-2567 May 30 j 12:43	0°♈	
	-2567 Jul 16 j 07:45	0°♉	
asc. node	-2567 Aug 23 j 20:00	21°♉51'15	
	-2567 Sep 09 j 07:29	0°♊	
retrograde	-2567 Nov 08 j 02:20	16°♊36'53	
opposition	-2567 Dec 17 j 22:53	6°♊58'31	3°44'16
greatest brilliancy	-2567 Dec 17 j 22:22	6°♊59'02	-1.3m
min. Earth dist.	-2567 Dec 18 j 07:19	6°♊50'04	0.67354 AU
	-2566 Jan 06 j 14:42	30°℞♉	
direct	-2566 Jan 27 j 15:22	27°♉08'00	
	-2566 Feb 19 j 10:42	0°♊	
	-2566 Apr 30 j 22:05	0°♋	
	-2566 Jun 20 j 04:37	0°♌	
	-2566 Aug 03 j 22:13	0°♍	
desc. node	-2566 Sep 04 j 07:53	22°♍34'44	
	-2566 Sep 14 j 07:56	0°♎	
	-2566 Oct 23 j 14:59	0°♏	
evening set	-2566 Nov 12 j 08:46	15°♏26'28	
	-2566 Nov 30 j 20:15	0°♐	
	-2565 Jan 07 j 23:20	0°♑	
conjunction	-2565 Jan 17 j 08:37	7°♑18'45	-1°06'11
minimum elong	-2565 Jan 17 j 07:50	7°♑17'13	1°06'15
	-2565 Feb 15 j 22:08	0°♒	
max. Earth dist.	-2565 Mar 07 j 14:30	14°♒44'40	2.41549 AU

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

morning rise	-2565 Mar 25 j 01:46	27°♒33'03	
	-2565 Mar 28 j 10:58	0°♓	
	-2565 May 10 j 03:24	0°♈	
	-2565 Jun 24 j 09:33	0°♉	
asc. node	-2565 Jul 11 j 19:05	11°♉01'57	
	-2565 Aug 11 j 22:23	0°♊	
	-2565 Oct 06 j 01:01	0°♋	
retrograde	-2565 Dec 14 j 05:16	20°♋28'40	
opposition	-2564 Jan 21 j 20:45	11°♋33'26	4°49'55
greatest brilliancy	-2564 Jan 22 j 12:10	11°♋18'22	-1.4m
min. Earth dist.	-2564 Jan 26 j 01:24	9°♋55'07	0.64317 AU
direct	-2564 Mar 03 j 01:48	1°♋32'54	
	-2564 May 24 j 07:50	0°♌	
	-2564 Jul 11 j 20:23	0°♍	
desc. node	-2564 Jul 22 j 07:14	7°♍06'02	
	-2564 Aug 23 j 10:35	0°♎	
	-2564 Oct 02 j 04:16	0°♏	
	-2564 Nov 09 j 15:05	0°♐	
	-2564 Dec 17 j 23:29	0°♑	
evening set	-2563 Jan 19 j 14:55	25°♑02'20	
	-2563 Jan 26 j 04:54	0°♒	
	-2563 Mar 08 j 00:57	0°♓	
conjunction	-2563 Mar 21 j 12:00	9°♓34'59	-0°38'40
minimum elong	-2563 Mar 21 j 14:03	9°♓38'35	0°38'40
	-2563 Apr 19 j 21:44	0°♈	
max. Earth dist.	-2563 Apr 25 j 12:29	3°♈49'14	2.54460 AU
morning rise	-2563 May 16 j 05:45	17°♈43'47	
asc. node	-2563 May 28 j 16:45	25°♈57'05	
	-2563 Jun 03 j 21:17	0°♉	
	-2563 Jul 20 j 20:47	0°♊	
	-2563 Sep 08 j 00:56	0°♋	
	-2563 Oct 31 j 10:31	0°♌	
retrograde	-2562 Jan 25 j 07:53	28°♌44'48	
opposition	-2562 Mar 02 j 12:34	21°♌01'24	4°16'51
greatest brilliancy	-2562 Mar 03 j 17:22	20°♌34'59	-1.9m
min. Earth dist.	-2562 Mar 10 j 04:23	18°♌13'33	0.54994 AU
direct	-2562 Apr 11 j 06:31	11°♌40'59	
desc. node	-2562 Jun 09 j 06:04	29°♌33'09	
	-2562 Jun 10 j 02:46	0°♍	
	-2562 Jul 29 j 05:10	0°♎	
	-2562 Sep 09 j 02:24	0°♏	
	-2562 Oct 18 j 16:37	0°♐	
	-2562 Nov 26 j 21:43	0°♑	
	-2561 Jan 05 j 22:06	0°♒	
	-2561 Feb 16 j 11:48	0°♓	
evening set	-2561 Mar 17 j 03:33	19°♓55'30	
	-2561 Mar 31 j 23:02	0°♈	
asc. node	-2561 Apr 15 j 15:45	9°♈51'34	
conjunction	-2561 May 08 j 15:24	25°♈02'28	0°13'14
minimum elong	-2561 May 08 j 14:49	25°♈01'32	0°13'15
behind sun begin	-2561 May 08 j 03:22	24°♈42'46	
behind sun end	-2561 May 09 j 02:17	25°♈20'17	
	-2561 May 16 j 05:35	0°♉	
max. Earth dist.	-2561 May 24 j 07:44	5°♉15'29	2.63456 AU
morning rise	-2561 Jun 26 j 05:43	26°♉24'49	
	-2561 Jul 01 j 20:49	0°♊	
	-2561 Aug 18 j 08:35	0°♋	
	-2561 Oct 05 j 13:42	0°♌	
	-2561 Nov 24 j 07:10	0°♍	
	-2560 Jan 18 j 06:06	0°♎	
retrograde	-2560 Mar 25 j 17:49	20°♎11'36	
opposition	-2560 Apr 26 j 17:13	14°♎25'34	-0°01'57
desc. node	-2560 Apr 26 j 05:22	14°♎34'31	
greatest brilliancy	-2559 Apr 22 j 13:27	27°♈21'51	1.7m
min. Earth dist.	-2560 May 03 j 22:47	12°♎14'17	0.42111 AU
direct	-2560 May 31 j 06:30	7°♎36'23	
	-2560 Aug 03 j 22:43	0°♏	
	-2560 Sep 19 j 14:37	0°♐	
	-2560 Nov 01 j 05:39	0°♑	
	-2560 Dec 13 j 13:04	0°♒	
	-2559 Jan 25 j 20:02	0°♓	
asc. node	-2559 Mar 02 j 14:21	24°♓03'49	
	-2559 Mar 11 j 13:38	0°♈	
	-2559 Apr 26 j 15:38	0°♉	
evening set	-2559 Apr 29 j 11:46	1°♉49'37	
	-2559 Jun 12 j 13:10	0°♊	
conjunction	-2559 Jun 16 j 09:25	2°♊26'58	0°52'48
minimum elong	-2559 Jun 16 j 08:08	2°♊24'57	0°52'52
max. Earth dist.	-2559 Jun 16 j 19:46	2°♊43'29	2.67148 AU
	-2559 Jul 29 j 13:01	0°♋	
morning rise	-2559 Jul 31 j 19:04	1°♋26'35	
	-2559 Sep 14 j 01:38	0°♌	
	-2559 Oct 29 j 21:55	0°♍	
	-2559 Dec 14 j 06:05	0°♎	
	-2558 Jan 28 j 15:44	0°♏	
desc. node	-2558 Mar 14 j 06:03	28°♏28'56	
	-2558 Mar 16 j 17:43	0°♐	
	-2558 May 14 j 18:44	0°♑	
retrograde	-2558 Jun 13 j 02:08	5°♑23'53	
min. Earth dist.	-2558 Jul 10 j 08:11	0°♑57'05	0.38555 AU
	-2558 Jul 13 j 17:30	30°℞♐	
opposition	-2558 Jul 14 j 21:15	29°♐40'26	-6°38'24
greatest brilliancy	-2558 Jul 13 j 21:02	29°♐57'30	-2.8m
direct	-2558 Aug 13 j 17:34	24°♐33'45	
	-2558 Sep 12 j 22:32	0°♑	
	-2558 Nov 13 j 06:23	0°♒	
	-2557 Jan 01 j 15:52	0°♓	
asc. node	-2557 Jan 18 j 12:17	10°♓31'39	
	-2557 Feb 18 j 13:20	0°♈	
	-2557 Apr 07 j 09:47	0°♉	
	-2557 May 25 j 04:15	0°♊	
evening set	-2557 Jun 07 j 09:43	8°♊21'48	
max. Earth dist.	-2557 Jul 10 j 08:01	29°♊22'41	2.65407 AU
	-2557 Jul 11 j 07:13	0°♋	
conjunction	-2557 Jul 23 j 16:57	8°♋00'57	1°10'20
minimum elong	-2557 Jul 23 j 16:42	8°♋00'32	1°10'25
	-2557 Aug 26 j 04:59	0°♌	
morning rise	-2557 Sep 07 j 00:18	7°♌52'40	
	-2557 Oct 09 j 14:09	0°♍	
	-2557 Nov 21 j 11:10	0°♎	
	-2556 Jan 02 j 02:02	0°♏	
desc. node	-2556 Jan 30 j 05:08	20°♏37'59	
	-2556 Feb 11 j 22:10	0°♐	
	-2556 Mar 23 j 20:06	0°♑	
	-2556 May 05 j 16:09	0°♒	
	-2556 Jun 25 j 19:40	0°♓	
retrograde	-2556 Aug 10 j 06:38	12°♓14'29	
min. Earth dist.	-2556 Sep 08 j 21:38	6°♓12'21	0.49704 AU
opposition	-2556 Sep 16 j 16:53	3°♓20'22	-3°41'23
greatest brilliancy	-2556 Sep 15 j 18:05	3°♓41'23	-2.2m
	-2556 Sep 26 j 09:52	30°℞♒	
direct	-2556 Oct 20 j 14:53	26°♒04'50	
	-2556 Nov 15 j 16:30	0°♓	
asc. node	-2556 Dec 05 j 11:36	6°♓50'01	
	-2555 Jan 22 j 08:54	0°♈	
	-2555 Mar 16 j 04:22	0°♉	
	-2555 May 05 j 00:21	0°♊	
	-2555 Jun 21 j 22:02	0°♋	
evening set	-2555 Jul 14 j 16:56	14°♋43'31	
max. Earth dist.	-2555 Aug 04 j 21:43	28°♋43'36	2.58452 AU

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2555 Aug 06 j 19:26	0°♌	
conjunction	-2555 Aug 31 j 05:34	16°♌33'38	0°59'02
minimum elong	-2555 Aug 31 j 06:54	16°♌35'57	0°59'04
	-2555 Sep 19 j 13:55	0°♍	
morning rise	-2555 Oct 19 j 06:54	21°♍11'18	
	-2555 Oct 31 j 09:08	0°♎	
	-2555 Dec 10 j 14:37	0°♏	
desc. node	-2555 Dec 17 j 04:20	4°♏59'02	
	-2554 Jan 18 j 20:37	0°♐	
	-2554 Feb 26 j 21:19	0°♑	
	-2554 Apr 07 j 16:32	0°♒	
	-2554 May 19 j 16:22	0°♓	
	-2554 Jul 05 j 20:23	0°♈	
retrograde	-2554 Sep 21 j 02:55	27°♈38'39	
asc. node	-2554 Oct 23 j 11:33	20°♈37'39	
min. Earth dist.	-2554 Oct 25 j 23:03	19°♈39'22	0.60931 AU
opposition	-2554 Oct 30 j 19:47	17°♈43'00	0°18'14
greatest brilliancy	-2554 Oct 30 j 18:20	17°♈44'27	-1.7m
direct	-2554 Dec 07 j 12:04	8°♈55'09	
	-2553 Feb 16 j 06:11	0°♉	
	-2553 Apr 13 j 14:24	0°♊	
	-2553 Jun 02 j 14:30	0°♋	
	-2553 Jul 19 j 03:08	0°♌	
evening set	-2553 Aug 26 j 04:37	26°♌02'07	
	-2553 Aug 31 j 19:41	0°♍	
max. Earth dist.	-2553 Sep 10 j 07:33	6°♍45'24	2.47120 AU
	-2553 Oct 12 j 03:26	0°♎	
conjunction	-2553 Oct 18 j 00:08	4°♎22'32	0°11'40
minimum elong	-2553 Oct 18 j 00:50	4°♎23'51	0°11'40
behind sun begin	-2553 Oct 17 j 08:07	3°♎52'34	
behind sun end	-2553 Oct 18 j 17:33	4°♎55'08	
desc. node	-2553 Nov 04 j 03:48	17°♎19'21	
	-2553 Nov 20 j 16:56	0°♏	
morning rise	-2553 Dec 16 j 04:38	19°♏47'10	
	-2553 Dec 29 j 06:08	0°♐	
	-2552 Feb 05 j 14:57	0°♑	
	-2552 Mar 15 j 16:44	0°♒	
	-2552 Apr 25 j 09:58	0°♓	
	-2552 Jun 07 j 20:48	0°♈	
	-2552 Jul 26 j 03:31	0°♉	
asc. node	-2552 Sep 09 j 10:38	22°♉48'04	
	-2552 Sep 30 j 04:27	0°♊	
retrograde	-2552 Oct 25 j 16:45	3°♊44'01	
	-2552 Nov 18 j 07:37	30°℞♉	
opposition	-2552 Dec 04 j 17:55	23°♉54'53	3°00'16
min. Earth dist.	-2552 Dec 03 j 14:19	24°♉22'37	0.66779 AU
greatest brilliancy	-2552 Dec 04 j 13:37	23°♉59'12	-1.3m
direct	-2551 Jan 13 j 20:28	14°♉16'25	
	-2551 Mar 14 j 05:10	0°♊	
	-2551 May 10 j 17:37	0°♋	
	-2551 Jun 28 j 06:55	0°♌	
	-2551 Aug 11 j 12:48	0°♍	
desc. node	-2551 Sep 21 j 01:46	29°♍26'07	
	-2551 Sep 21 j 19:55	0°♎	
evening set	-2551 Oct 17 j 19:29	19°♎42'06	
	-2551 Oct 31 j 03:20	0°♏	
	-2551 Dec 08 j 09:31	0°♐	
conjunction	-2551 Dec 19 j 23:09	9°♐07'28	-0°54'32
minimum elong	-2551 Dec 19 j 20:09	9°♐01'32	0°54'34
max. Earth dist.	-2550 Jan 07 j 01:19	23°♐21'34	2.37556 AU
	-2550 Jan 15 j 12:46	0°♑	
	-2550 Feb 23 j 10:34	0°♒	
morning rise	-2550 Feb 26 j 19:05	2°♒32'19	
	-2550 Apr 04 j 22:06	0°♓	
	-2550 May 17 j 15:00	0°♈	
	-2550 Jul 02 j 05:01	0°♉	
asc. node	-2550 Jul 28 j 10:06	16°♉11'54	
	-2550 Aug 21 j 02:11	0°♊	
	-2550 Oct 23 j 02:14	0°♋	
retrograde	-2550 Nov 29 j 17:21	7°♋17'39	
	-2549 Jan 02 j 23:28	30°℞♊	
opposition	-2549 Jan 07 j 23:30	28°♊02'47	4°33'17
greatest brilliancy	-2549 Jan 08 j 07:59	27°♊54'22	-1.3m
min. Earth dist.	-2549 Jan 10 j 15:59	26°♊58'59	0.66281 AU
direct	-2549 Feb 18 j 04:17	18°♊02'12	
	-2549 Apr 08 j 20:29	0°♋	
	-2549 Jun 05 j 06:18	0°♌	
	-2549 Jul 21 j 15:47	0°♍	
desc. node	-2549 Aug 08 j 23:38	12°♍49'03	
	-2549 Sep 01 j 14:48	0°♎	
	-2549 Oct 11 j 02:30	0°♏	
	-2549 Nov 18 j 09:58	0°♐	
greatest brilliancy	-2549 Dec 07 j 01:16	14°♐40'13	1.2m
evening set	-2549 Dec 25 j 04:11	28°♐51'43	
	-2549 Dec 26 j 15:13	0°♑	
	-2548 Feb 03 j 16:49	0°♒	
conjunction	-2548 Feb 27 j 13:58	17°♒47'18	-0°56'13
minimum elong	-2548 Feb 27 j 16:21	17°♒51'42	0°56'15
	-2548 Mar 15 j 08:44	0°♓	
max. Earth dist.	-2548 Apr 10 j 19:14	18°♓44'43	2.49657 AU
morning rise	-2548 Apr 27 j 12:25	0°♈17'38	
	-2548 Apr 27 j 02:07	0°♈	
	-2548 Jun 11 j 01:37	0°♉	
asc. node	-2548 Jun 14 j 09:42	2°♉10'00	
	-2548 Jul 28 j 09:48	0°♊	
	-2548 Sep 16 j 22:24	0°♋	
	-2548 Nov 15 j 03:25	0°♌	
retrograde	-2547 Jan 07 j 05:21	13°♌06'26	
opposition	-2547 Feb 13 j 13:28	4°♌50'14	4°46'08
greatest brilliancy	-2547 Feb 14 j 14:51	4°♌26'10	-1.6m
min. Earth dist.	-2547 Feb 19 j 23:40	2°♌24'24	0.59331 AU
	-2547 Feb 26 j 18:01	30°℞♋	
direct	-2547 Mar 26 j 04:58	25°♋05'01	
	-2547 Apr 24 j 09:49	0°♌	
	-2547 Jun 24 j 18:16	0°♍	
desc. node	-2547 Jun 25 j 23:00	0°♍44'10	
	-2547 Aug 08 j 18:10	0°♎	
	-2547 Sep 18 j 09:47	0°♏	
	-2547 Oct 27 j 08:51	0°♐	
	-2547 Dec 05 j 02:55	0°♑	
	-2546 Jan 13 j 17:28	0°♒	
	-2546 Feb 23 j 22:21	0°♓	
evening set	-2546 Feb 24 j 23:58	0°♓45'33	
	-2546 Apr 08 j 02:14	0°♈	
conjunction	-2546 Apr 21 j 07:16	8°♈54'52	-0°06'29
minimum elong	-2546 Apr 21 j 07:35	8°♈55'23	0°06'29
behind sun begin	-2546 Apr 20 j 11:17	8°♈21'22	
behind sun end	-2546 Apr 22 j 03:52	9°♈29'22	
asc. node	-2546 May 02 j 07:50	16°♈16'16	
max. Earth dist.	-2546 May 14 j 00:35	24°♈00'01	2.60542 AU
	-2546 May 23 j 04:22	0°♉	
morning rise	-2546 Jun 11 j 03:05	12°♉17'15	
	-2546 Jul 08 j 20:23	0°♊	
	-2546 Aug 25 j 18:43	0°♋	
	-2546 Oct 14 j 06:28	0°♌	
	-2546 Dec 06 j 16:03	0°♍	
retrograde	-2545 Feb 28 j 02:54	27°♍50'11	
opposition	-2545 Apr 02 j 23:56	21°♍13'23	2°19'42
greatest brilliancy	-2545 Apr 03 j 19:52	20°♍56'46	-2.3m

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

min. Earth dist.	-2545 Apr 11 j 12:32	18°♍23'39	0.47094 AU
direct	-2545 May 10 j 04:46	13°♍08'21	
desc. node	-2545 May 13 j 22:23	13°♍14'04	
	-2545 Jul 04 j 09:44	0°♎	
	-2545 Aug 21 j 20:18	0°♏	
	-2545 Oct 02 j 18:57	0°♐	
	-2545 Nov 12 j 09:36	0°♑	
	-2545 Dec 23 j 10:52	0°♒	
	-2544 Feb 03 j 20:33	0°♓	
	-2544 Mar 18 j 23:04	0°♈	
asc. node	-2544 Mar 19 j 06:09	0°♈11'49	
evening set	-2544 Apr 13 j 04:57	16°♈41'20	
	-2544 May 03 j 15:27	0°♉	
conjunction	-2544 Jun 01 j 11:44	18°♉34'13	0°39'43
minimum elong	-2544 Jun 01 j 10:29	18°♉32'12	0°39'46
max. Earth dist.	-2544 Jun 07 j 12:18	22°♉25'32	2.66360 AU
	-2544 Jun 19 j 08:54	0°♊	
morning rise	-2544 Jul 17 j 18:01	18°♊04'47	
	-2544 Aug 05 j 11:21	0°♋	
	-2544 Sep 21 j 11:25	0°♌	
	-2544 Nov 07 j 08:24	0°♍	
	-2544 Dec 24 j 16:08	0°♎	
	-2543 Feb 12 j 05:20	0°♏	
desc. node	-2543 Mar 30 j 21:41	23°♏53'27	
	-2543 Apr 16 j 19:47	0°♐	
retrograde	-2543 May 13 j 13:29	4°♐12'55	
	-2543 Jun 09 j 18:53	30°℞♏	
opposition	-2543 Jun 12 j 20:36	29°♏11'30	-4°57'44
greatest brilliancy	-2543 Jun 12 j 21:11	29°♏11'08	-2.9m
min. Earth dist.	-2543 Jun 13 j 12:39	29°♏00'53	0.37685 AU
direct	-2543 Jul 13 j 02:33	24°♏06'42	
	-2543 Aug 13 j 03:30	0°♐	
	-2543 Oct 10 j 15:54	0°♑	
	-2543 Nov 26 j 18:13	0°♒	
	-2542 Jan 11 j 13:18	0°♓	
asc. node	-2542 Feb 04 j 04:23	15°♓23'44	
	-2542 Feb 26 j 18:46	0°♈	
	-2542 Apr 14 j 18:11	0°♉	
evening set	-2542 May 23 j 13:55	24°♉36'09	
	-2542 Jun 01 j 02:18	0°♊	
max. Earth dist.	-2542 Jul 01 j 04:02	19°♊08'07	2.66746 AU
conjunction	-2542 Jul 09 j 04:19	24°♊15'44	1°06'33
minimum elong	-2542 Jul 09 j 03:32	24°♊14'28	1°06'38
	-2542 Jul 18 j 02:45	0°♋	
morning rise	-2542 Aug 23 j 03:27	23°♋23'18	
	-2542 Sep 02 j 04:48	0°♌	
	-2542 Oct 17 j 00:44	0°♍	
	-2542 Nov 29 j 14:59	0°♎	
	-2541 Jan 11 j 05:10	0°♏	
desc. node	-2541 Feb 15 j 22:50	25°♏27'31	
	-2541 Feb 22 j 07:58	0°♐	
	-2541 Apr 06 j 04:37	0°♑	
	-2541 May 23 j 20:52	0°♒	
retrograde	-2541 Jul 22 j 06:13	19°♒37'47	
min. Earth dist.	-2541 Aug 18 j 19:13	14°♒28'39	0.44670 AU
greatest brilliancy	-2541 Aug 25 j 10:49	12°♒14'09	-2.4m
opposition	-2541 Aug 26 j 19:56	11°♒45'59	-5°24'05
direct	-2541 Sep 28 j 00:23	5°♒22'02	
	-2541 Dec 11 j 17:22	0°♓	
asc. node	-2541 Dec 23 j 02:38	6°♓00'48	
	-2540 Feb 03 j 09:47	0°♈	
	-2540 Mar 24 j 12:53	0°♉	
	-2540 May 12 j 08:15	0°♊	
	-2540 Jun 28 j 20:37	0°♋	
evening set	-2540 Jun 29 j 15:11	0°♋29'48	
max. Earth dist.	-2540 Jul 24 j 23:35	16°♋56'40	2.61787 AU
	-2540 Aug 13 j 17:07	0°♌	
conjunction	-2540 Aug 15 j 06:34	1°♌02'34	1°07'21
minimum elong	-2540 Aug 15 j 07:20	1°♌03'50	1°07'24
	-2540 Sep 26 j 16:14	0°♍	
morning rise	-2540 Oct 01 j 05:57	3°♍11'40	
	-2540 Nov 07 j 19:59	0°♎	
	-2540 Dec 18 j 12:02	0°♏	
desc. node	-2539 Jan 02 j 22:11	11°♏35'24	
	-2539 Jan 27 j 05:13	0°♐	
	-2539 Mar 07 j 17:30	0°♑	
	-2539 Apr 17 j 03:44	0°♒	
	-2539 May 30 j 11:48	0°♓	
	-2539 Jul 22 j 07:56	0°♈	
retrograde	-2539 Sep 06 j 00:37	11°♈49'22	
min. Earth dist.	-2539 Oct 08 j 22:51	4°♈31'30	0.57037 AU
opposition	-2539 Oct 15 j 04:09	2°♈05'17	-1°05'29
greatest brilliancy	-2539 Oct 14 j 22:35	2°♈10'44	-1.8m
	-2539 Oct 20 j 15:23	30°℞♓	
asc. node	-2539 Nov 09 j 01:58	24°♓39'56	
direct	-2539 Nov 20 j 12:46	23°♓47'24	
	-2539 Dec 24 j 16:59	0°♈	
	-2538 Feb 28 j 08:10	0°♉	
	-2538 Apr 22 j 01:23	0°♊	
	-2538 Jun 10 j 00:16	0°♋	
	-2538 Jul 26 j 05:10	0°♌	
evening set	-2538 Aug 08 j 20:01	9°♌10'40	
max. Earth dist.	-2538 Aug 25 j 02:24	20°♌20'45	2.51956 AU
	-2538 Sep 07 j 21:31	0°♍	
conjunction	-2538 Sep 27 j 22:23	14°♍18'44	0°34'30
minimum elong	-2538 Sep 27 j 23:54	14°♍21'30	0°34'29
	-2538 Oct 19 j 09:00	0°♎	
desc. node	-2538 Nov 20 j 20:17	24°♎24'30	
morning rise	-2538 Nov 21 j 05:07	24°♎41'21	
	-2538 Nov 28 j 03:51	0°♏	
	-2537 Jan 05 j 22:32	0°♐	
	-2537 Feb 13 j 12:10	0°♑	
	-2537 Mar 24 j 18:18	0°♒	
	-2537 May 04 j 18:10	0°♓	
	-2537 Jun 17 j 22:56	0°♈	
	-2537 Aug 08 j 04:59	0°♉	
asc. node	-2537 Sep 27 j 02:28	18°♉51'30	
retrograde	-2537 Oct 13 j 04:57	20°♉27'51	
min. Earth dist.	-2537 Nov 19 j 15:24	11°♉35'28	0.65207 AU
opposition	-2537 Nov 22 j 06:39	10°♉31'51	2°06'11
greatest brilliancy	-2537 Nov 22 j 00:52	10°♉37'40	-1.4m
direct	-2537 Dec 31 j 14:15	1°♉09'33	
	-2536 Mar 27 j 05:57	0°♊	
	-2536 May 19 j 10:43	0°♋	
	-2536 Jul 05 j 23:10	0°♌	
	-2536 Aug 18 j 21:54	0°♍	
evening set	-2536 Sep 25 j 02:17	26°♍57'26	
	-2536 Sep 29 j 04:21	0°♎	
desc. node	-2536 Oct 07 j 18:33	6°♎26'49	
max. Earth dist.	-2536 Oct 20 j 16:03	16°♎14'00	2.39627 AU
	-2536 Nov 07 j 13:19	0°♏	
conjunction	-2536 Nov 22 j 22:50	11°♏59'20	-0°31'08
minimum elong	-2536 Nov 22 j 20:33	11°♏54'51	0°31'09
	-2536 Dec 15 j 21:24	0°♐	
	-2535 Jan 23 j 01:58	0°♑	
morning rise	-2535 Jan 28 j 23:11	4°♑35'20	
	-2535 Mar 03 j 00:12	0°♒	
	-2535 Apr 12 j 12:09	0°♓	
	-2535 May 25 j 08:28	0°♈	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2535 Jul 10 j 12:47	0°♉	
asc. node	-2535 Aug 14 j 02:03	20°♉26'16	
	-2535 Aug 31 j 20:21	0°♊	
retrograde	-2535 Nov 15 j 21:19	24°♊25'18	
opposition	-2535 Dec 25 j 13:50	14°♊54'28	4°05'16
greatest brilliancy	-2535 Dec 25 j 16:09	14°♊52'09	-1.3m
min. Earth dist.	-2535 Dec 26 j 17:58	14°♊26'24	0.67246 AU
direct	-2534 Feb 04 j 12:23	4°♊59'17	
	-2534 Apr 23 j 13:34	0°♋	
	-2534 Jun 14 j 14:28	0°♌	
	-2534 Jul 29 j 20:29	0°♍	
desc. node	-2534 Aug 25 j 17:00	19°♍08'00	
	-2534 Sep 09 j 11:00	0°♎	
	-2534 Oct 18 j 19:45	0°♏	
	-2534 Nov 26 j 01:35	0°♐	
evening set	-2534 Nov 27 j 14:52	1°♐13'31	
	-2533 Jan 03 j 04:53	0°♑	
conjunction	-2533 Feb 01 j 21:14	22°♑57'00	-1°06'05
minimum elong	-2533 Feb 01 j 22:07	22°♑58'40	1°06'08
	-2533 Feb 11 j 03:42	0°♒	
max. Earth dist.	-2533 Mar 23 j 08:37	29°♒45'54	2.44417 AU
	-2533 Mar 23 j 16:26	0°♓	
morning rise	-2533 Apr 07 j 09:03	10°♓31'12	
	-2533 May 05 j 07:51	0°♈	
	-2533 Jun 19 j 09:45	0°♉	
asc. node	-2533 Jul 02 j 00:37	8°♉05'36	
	-2533 Aug 06 j 08:32	0°♊	
	-2533 Sep 28 j 03:56	0°♋	
retrograde	-2533 Dec 22 j 23:01	28°♋45'59	
opposition	-2532 Jan 30 j 04:50	20°♋03'21	4°53'12
greatest brilliancy	-2532 Jan 31 j 00:04	19°♋44'43	-1.5m
min. Earth dist.	-2532 Feb 04 j 05:03	18°♋07'05	0.62789 AU
direct	-2532 Mar 11 j 07:32	10°♋06'01	
	-2532 May 15 j 18:51	0°♌	
	-2532 Jul 05 j 17:03	0°♍	
desc. node	-2532 Jul 12 j 15:10	4°♍34'36	
	-2532 Aug 17 j 23:19	0°♎	
	-2532 Sep 26 j 23:36	0°♏	
	-2532 Nov 04 j 14:06	0°♐	
	-2532 Dec 13 j 01:17	0°♑	
	-2531 Jan 21 j 08:59	0°♒	
evening set	-2531 Feb 02 j 11:55	9°♒01'44	
	-2531 Mar 03 j 07:01	0°♓	
conjunction	-2531 Apr 02 j 06:21	21°♓06'06	-0°27'07
minimum elong	-2531 Apr 02 j 07:48	21°♓08'36	0°27'06
	-2531 Apr 15 j 05:06	0°♈	
max. Earth dist.	-2531 May 02 j 18:38	11°♈52'32	2.56825 AU
asc. node	-2531 May 18 j 23:44	22°♈39'22	
morning rise	-2531 May 26 j 00:40	27°♈17'07	
	-2531 May 30 j 04:14	0°♉	
	-2531 Jul 15 j 23:27	0°♊	
	-2531 Sep 02 j 14:00	0°♋	
	-2531 Oct 24 j 02:42	0°♌	
	-2531 Dec 25 j 10:51	0°♍	
retrograde	-2530 Feb 05 j 15:01	8°♍51'59	
opposition	-2530 Mar 13 j 02:27	1°♍29'57	3°46'04
greatest brilliancy	-2530 Mar 14 j 06:40	1°♍04'46	-2.0m
	-2530 Mar 17 j 07:04	30°℞♌	
min. Earth dist.	-2530 Mar 21 j 07:45	28°♌34'49	0.52277 AU
direct	-2530 Apr 21 j 03:35	22°♌30'29	
	-2530 May 26 j 18:46	0°♍	
desc. node	-2530 May 30 j 15:11	1°♍31'52	
	-2530 Jul 21 j 12:41	0°♎	
	-2530 Sep 02 j 17:35	0°♏	
	-2530 Oct 12 j 21:31	0°♐	
	-2530 Nov 21 j 11:24	0°♑	
	-2530 Dec 31 j 18:24	0°♒	
	-2529 Feb 11 j 13:32	0°♓	
evening set	-2529 Mar 27 j 18:56	0°♈23'35	
	-2529 Mar 27 j 04:55	0°♈	
asc. node	-2529 Apr 05 j 21:39	6°♈30'05	
	-2529 May 11 j 13:56	0°♉	
conjunction	-2529 May 17 j 23:09	4°♉08'48	0°23'42
minimum elong	-2529 May 17 j 22:14	4°♉07'18	0°23'43
max. Earth dist.	-2529 May 30 j 00:02	11°♉55'38	2.64732 AU
	-2529 Jun 27 j 05:02	0°♊	
morning rise	-2529 Jul 04 j 13:39	4°♊41'09	
	-2529 Aug 13 j 12:30	0°♋	
	-2529 Sep 30 j 05:04	0°♌	
	-2529 Nov 17 j 15:40	0°♍	
	-2528 Jan 07 j 15:05	0°♎	
	-2528 Mar 12 j 05:59	0°♏	
retrograde	-2528 Apr 11 j 09:08	5°♏03'24	
desc. node	-2528 Apr 16 j 15:24	4°♏52'57	
	-2528 May 11 j 12:05	30°℞♎	
opposition	-2528 May 12 j 12:50	29°♎42'20	-1°46'39
greatest brilliancy	-2528 May 12 j 20:47	29°♎36'38	-2.8m
min. Earth dist.	-2528 May 18 j 01:11	28°♎07'55	0.39878 AU
direct	-2528 Jun 14 j 07:57	23°♎38'10	
	-2528 Jul 16 j 03:37	0°♏	
	-2528 Sep 10 j 06:53	0°♐	
	-2528 Oct 25 j 02:22	0°♑	
	-2528 Dec 07 j 11:34	0°♒	
	-2527 Jan 20 j 09:56	0°♓	
asc. node	-2527 Feb 20 j 19:02	20°♓56'31	
	-2527 Mar 06 j 13:29	0°♈	
	-2527 Apr 21 j 21:40	0°♉	
evening set	-2527 May 08 j 11:12	10°♉35'43	
	-2527 Jun 07 j 22:14	0°♊	
max. Earth dist.	-2527 Jun 22 j 03:27	9°♊03'09	2.67244 AU
conjunction	-2527 Jun 24 j 18:33	10°♊43'42	0°58'55
minimum elong	-2527 Jun 24 j 17:23	10°♊41'51	0°58'58
	-2527 Jul 24 j 21:59	0°♋	
morning rise	-2527 Aug 08 j 21:03	9°♋37'36	
	-2527 Sep 09 j 06:15	0°♌	
	-2527 Oct 24 j 16:40	0°♍	
	-2527 Dec 08 j 07:10	0°♎	
	-2526 Jan 21 j 10:04	0°♏	
desc. node	-2526 Mar 04 j 15:02	28°♏27'40	
	-2526 Mar 06 j 22:47	0°♐	
	-2526 Apr 24 j 00:27	0°♑	
retrograde	-2526 Jun 28 j 11:10	22°♑39'32	
min. Earth dist.	-2526 Jul 25 j 01:17	18°♑09'33	0.40255 AU
greatest brilliancy	-2526 Jul 30 j 05:23	16°♑36'52	-2.7m
opposition	-2526 Jul 31 j 14:20	16°♑12'08	-6°36'02
direct	-2526 Aug 30 j 23:46	10°♑42'54	
	-2526 Nov 01 j 23:10	0°♒	
	-2526 Dec 25 j 13:50	0°♓	
asc. node	-2525 Jan 08 j 18:10	8°♓31'20	
	-2525 Feb 12 j 20:56	0°♈	
	-2525 Apr 02 j 08:48	0°♉	
	-2525 May 20 j 10:49	0°♊	
evening set	-2525 Jun 15 j 20:44	16°♊40'47	
	-2525 Jul 06 j 16:59	0°♋	
max. Earth dist.	-2525 Jul 15 j 22:19	5°♋56'58	2.64343 AU
conjunction	-2525 Aug 01 j 03:42	16°♋30'25	1°10'35
minimum elong	-2525 Aug 01 j 03:48	16°♋30'35	1°10'39
	-2525 Aug 21 j 14:23	0°♌	
morning rise	-2525 Sep 15 j 20:50	16°♌59'49	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2525 Oct 04 j 19:57	0°♍	
	-2525 Nov 16 j 10:23	0°♎	
	-2525 Dec 27 j 16:06	0°♏	
desc. node	-2524 Jan 20 j 14:36	17°♏44'40	
	-2524 Feb 06 j 00:42	0°♐	
	-2524 Mar 17 j 07:12	0°♑	
	-2524 Apr 27 j 21:41	0°♒	
	-2524 Jun 13 j 09:25	0°♓	
retrograde	-2524 Aug 20 j 12:02	23°♓58'44	
min. Earth dist.	-2524 Sep 20 j 08:30	17°♓28'00	0.52457 AU
opposition	-2524 Sep 27 j 16:57	14°♓40'57	-2°41'57
greatest brilliancy	-2524 Sep 27 j 00:57	14°♓56'07	-2.0m
direct	-2524 Nov 01 j 12:43	7°♓00'42	
asc. node	-2524 Nov 25 j 18:05	10°♓23'07	
	-2523 Jan 13 j 20:39	0°♈	
	-2523 Mar 10 j 06:45	0°♉	
	-2523 Apr 29 j 22:42	0°♊	
	-2523 Jun 17 j 04:34	0°♋	
evening set	-2523 Jul 23 j 14:54	23°♋37'50	
	-2523 Aug 02 j 04:49	0°♌	
max. Earth dist.	-2523 Aug 11 j 18:17	6°♌25'36	2.56330 AU
conjunction	-2523 Sep 09 j 20:37	26°♌25'30	0°51'43
minimum elong	-2523 Sep 09 j 22:11	26°♌28'13	0°51'45
	-2523 Sep 14 j 23:01	0°♍	
	-2523 Oct 26 j 15:50	0°♎	
morning rise	-2523 Oct 30 j 10:45	2°♎47'25	
	-2523 Dec 05 j 17:37	0°♏	
desc. node	-2523 Dec 07 j 13:47	1°♏24'02	
	-2522 Jan 13 j 19:08	0°♐	
	-2522 Feb 21 j 15:02	0°♑	
	-2522 Apr 02 j 03:50	0°♒	
	-2522 May 13 j 15:20	0°♓	
	-2522 Jun 28 j 05:55	0°♈	
	-2522 Aug 26 j 18:01	0°♉	
retrograde	-2522 Sep 29 j 08:10	6°♉31'00	
asc. node	-2522 Oct 13 j 17:29	5°♉04'09	
	-2522 Oct 30 j 13:06	30°℞♈	
min. Earth dist.	-2522 Nov 04 j 04:05	28°♈11'32	0.62708 AU
opposition	-2522 Nov 08 j 06:17	26°♈33'12	1°01'18
greatest brilliancy	-2522 Nov 08 j 02:05	26°♈37'25	-1.6m
direct	-2522 Dec 16 j 14:26	17°♈31'33	
	-2521 Feb 06 j 04:08	0°♉	
	-2521 Apr 07 j 13:25	0°♊	
	-2521 May 28 j 11:54	0°♋	
	-2521 Jul 14 j 08:26	0°♌	
	-2521 Aug 27 j 03:24	0°♍	
evening set	-2521 Sep 05 j 20:24	6°♍54'20	
max. Earth dist.	-2521 Sep 21 j 20:32	18°♍29'10	2.44348 AU
	-2521 Oct 07 j 11:05	0°♎	
desc. node	-2521 Oct 25 j 11:33	13°♎32'50	
conjunction	-2521 Oct 30 j 13:39	17°♎24'56	-0°03'33
minimum elong	-2521 Oct 30 j 13:24	17°♎24'28	0°03'33
behind sun begin	-2521 Oct 29 j 13:13	16°♎38'26	
behind sun end	-2521 Oct 31 j 13:36	18°♎10'33	
	-2521 Nov 15 j 23:17	0°♏	
	-2521 Dec 24 j 10:39	0°♐	
morning rise	-2521 Dec 31 j 18:03	5°♐44'03	
	-2520 Jan 31 j 17:44	0°♑	
	-2520 Mar 10 j 17:33	0°♒	
	-2520 Apr 20 j 07:24	0°♓	
	-2520 Jun 02 j 10:23	0°♈	
	-2520 Jul 19 j 15:26	0°♉	
asc. node	-2520 Aug 30 j 17:17	22°♉59'07	
	-2520 Sep 15 j 05:43	0°♊	
retrograde	-2520 Nov 02 j 09:03	11°♊35'40	
opposition	-2520 Dec 12 j 08:39	1°♊52'01	3°27'04
greatest brilliancy	-2520 Dec 12 j 06:11	1°♊54'29	-1.3m
min. Earth dist.	-2520 Dec 12 j 00:44	1°♊59'57	0.67220 AU
	-2520 Dec 17 j 01:17	30°℞♉	
direct	-2519 Jan 21 j 20:08	22°♉06'27	
	-2519 Mar 02 j 13:01	0°♊	
	-2519 May 04 j 12:49	0°♋	
	-2519 Jun 23 j 01:47	0°♌	
	-2519 Aug 06 j 15:25	0°♍	
desc. node	-2519 Sep 11 j 10:04	25°♍49'02	
	-2519 Sep 17 j 01:06	0°♎	
	-2519 Oct 26 j 08:55	0°♏	
evening set	-2519 Oct 31 j 22:33	4°♏20'06	
	-2519 Dec 03 j 14:40	0°♐	
conjunction	-2518 Jan 05 j 00:01	25°♐30'48	-1°02'57
minimum elong	-2518 Jan 04 j 21:58	25°♐26'47	1°03'01
	-2518 Jan 10 j 17:33	0°♑	
	-2518 Feb 18 j 15:07	0°♒	
max. Earth dist.	-2518 Feb 18 j 13:17	29°♑56'31	2.39397 AU
morning rise	-2518 Mar 14 j 01:51	17°♒33'27	
	-2518 Mar 31 j 02:07	0°♓	
	-2518 May 12 j 17:16	0°♈	
	-2518 Jun 27 j 00:35	0°♉	
asc. node	-2518 Jul 18 j 16:46	13°♉37'51	
	-2518 Aug 14 j 23:06	0°♊	
	-2518 Oct 11 j 05:08	0°♋	
retrograde	-2518 Dec 07 j 21:53	15°♋13'57	
opposition	-2517 Jan 15 j 20:48	6°♋09'19	4°44'08
greatest brilliancy	-2517 Jan 16 j 09:02	5°♋57'18	-1.4m
min. Earth dist.	-2517 Jan 19 j 09:12	4°♋46'26	0.65331 AU
	-2517 Feb 01 j 17:01	30°℞♊	
direct	-2517 Feb 26 j 03:01	26°♊08'06	
	-2517 Mar 24 j 11:48	0°♋	
	-2517 May 29 j 13:47	0°♌	
	-2517 Jul 16 j 03:28	0°♍	
desc. node	-2517 Jul 30 j 09:36	9°♍48'25	
	-2517 Aug 27 j 11:50	0°♎	
	-2517 Oct 06 j 03:21	0°♏	
	-2517 Nov 13 j 12:32	0°♐	
	-2517 Dec 21 j 18:58	0°♑	
evening set	-2516 Jan 09 j 08:54	14°♑22'24	
	-2516 Jan 29 j 21:40	0°♒	
	-2516 Mar 10 j 14:31	0°♓	
conjunction	-2516 Mar 11 j 22:49	0°♓58'04	-0°46'42
minimum elong	-2516 Mar 12 j 01:11	1°♓02'20	0°46'44
max. Earth dist.	-2516 Apr 19 j 18:01	28°♓13'00	2.52396 AU
	-2516 Apr 22 j 08:27	0°♈	
morning rise	-2516 May 08 j 11:20	10°♈56'05	
asc. node	-2516 Jun 04 j 14:38	28°♈55'02	
	-2516 Jun 06 j 06:27	0°♉	
	-2516 Jul 23 j 08:04	0°♊	
	-2516 Sep 10 j 23:06	0°♋	
	-2516 Nov 05 j 03:02	0°♌	
retrograde	-2515 Jan 17 j 05:47	22°♌16'28	
opposition	-2515 Feb 22 j 23:59	14°♌17'27	4°32'00
greatest brilliancy	-2515 Feb 24 j 03:39	13°♌51'41	-1.7m
min. Earth dist.	-2515 Mar 02 j 03:51	11°♌37'56	0.57043 AU
direct	-2515 Apr 04 j 05:41	4°♌44'13	
desc. node	-2515 Jun 16 j 08:24	29°♌56'22	
	-2515 Jun 16 j 10:58	0°♍	
	-2515 Aug 02 j 10:16	0°♎	
	-2515 Sep 12 j 17:41	0°♏	
	-2515 Oct 22 j 00:29	0°♐	
	-2515 Nov 29 j 23:48	0°♑	
	-2514 Jan 08 j 18:31	0°♒	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2514 Feb 19 j 02:41	0°♓	
evening set	-2514 Mar 08 j 17:09	12°♓22'11	
	-2514 Apr 03 j 09:12	0°♈	
asc. node	-2514 Apr 22 j 13:21	12°♈53'03	
conjunction	-2514 May 01 j 09:25	18°♈44'53	0°05'11
minimum elong	-2514 May 01 j 09:09	18°♈44'28	0°05'12
behind sun begin	-2514 Apr 30 j 12:48	18°♈10'49	
behind sun end	-2514 May 02 j 05:31	19°♈18'05	
	-2514 May 18 j 12:27	0°♉	
max. Earth dist.	-2514 May 20 j 05:04	1°♉06'14	2.62248 AU
morning rise	-2514 Jun 19 j 21:38	20°♉55'25	
	-2514 Jul 04 j 03:04	0°♊	
	-2514 Aug 20 j 18:34	0°♋	
	-2514 Oct 08 j 11:00	0°♌	
	-2514 Nov 28 j 10:36	0°♍	
	-2513 Jan 27 j 18:02	0°♎	
retrograde	-2513 Mar 14 j 14:50	10°♎25'07	
opposition	-2513 Apr 16 j 10:07	4°♎16'22	1°06'22
greatest brilliancy	-2513 Apr 16 j 19:53	4°♎08'37	-2.5m
min. Earth dist.	-2513 Apr 24 j 11:26	1°♎43'22	0.44247 AU
	-2513 Apr 30 j 09:33	30°℞♍	
desc. node	-2513 May 04 j 07:20	29°♍01'04	
direct	-2513 May 22 j 06:27	26°♍51'02	
	-2513 Jun 13 j 02:25	0°♎	
	-2513 Aug 12 j 17:17	0°♏	
	-2513 Sep 25 j 16:53	0°♐	
	-2513 Nov 06 j 06:04	0°♑	
	-2513 Dec 17 j 21:38	0°♒	
	-2512 Jan 29 j 17:03	0°♓	
asc. node	-2512 Mar 09 j 12:13	26°♓56'41	
	-2512 Mar 14 j 02:27	0°♈	
evening set	-2512 Apr 22 j 15:24	25°♈54'52	
	-2512 Apr 28 j 22:59	0°♉	
conjunction	-2512 Jun 10 j 02:27	27°♉01'55	0°47'43
minimum elong	-2512 Jun 10 j 01:09	26°♉59'51	0°47'45
max. Earth dist.	-2512 Jun 12 j 22:54	28°♉51'08	2.66897 AU
	-2512 Jun 14 j 18:04	0°♊	
morning rise	-2512 Jul 25 j 19:55	26°♊11'41	
	-2512 Jul 31 j 18:55	0°♋	
	-2512 Sep 16 j 12:23	0°♌	
	-2512 Nov 01 j 18:59	0°♍	
	-2512 Dec 17 j 21:33	0°♎	
	-2511 Feb 02 j 17:00	0°♏	
desc. node	-2511 Mar 21 j 07:49	27°♏49'59	
	-2511 Mar 25 j 07:17	0°♐	
retrograde	-2511 May 31 j 03:52	22°♐10'30	
min. Earth dist.	-2511 Jun 28 j 16:27	17°♐32'10	0.37772 AU
opposition	-2511 Jul 01 j 01:18	16°♐53'45	-6°11'35
greatest brilliancy	-2511 Jun 30 j 12:10	17°♐02'38	-2.9m
direct	-2511 Jul 30 j 20:22	11°♐55'34	
	-2511 Sep 27 j 23:07	0°♑	
	-2511 Nov 18 j 22:21	0°♒	
	-2510 Jan 05 j 09:37	0°♓	
asc. node	-2510 Jan 25 j 10:01	12°♓46'45	
	-2510 Feb 21 j 10:50	0°♈	
	-2510 Apr 09 j 20:43	0°♉	
	-2510 May 27 j 10:12	0°♊	
evening set	-2510 Jun 01 j 02:45	2°♊58'02	
max. Earth dist.	-2510 Jul 06 j 13:38	25°♊32'22	2.66104 AU
	-2510 Jul 13 j 12:20	0°♋	
conjunction	-2510 Jul 17 j 11:57	2°♋33'58	1°09'15
minimum elong	-2510 Jul 17 j 11:27	2°♋33'10	1°09'19
	-2510 Aug 28 j 12:26	0°♌	
morning rise	-2510 Aug 31 j 14:11	2°♌02'08	

	-2510 Oct 12 j 02:58	0°♍	
	-2510 Nov 24 j 07:49	0°♎	
	-2509 Jan 05 j 08:46	0°♏	
desc. node	-2509 Feb 06 j 07:25	23°♏09'51	
	-2509 Feb 15 j 16:52	0°♐	
	-2509 Mar 29 j 07:08	0°♑	
	-2509 May 12 j 11:39	0°♒	
	-2509 Jul 11 j 18:59	0°♓	
retrograde	-2509 Aug 02 j 22:58	3°♓19'15	
	-2509 Aug 24 j 10:23	30°℞♒	
min. Earth dist.	-2509 Aug 31 j 15:18	27°♒40'59	0.47424 AU
greatest brilliancy	-2509 Sep 07 j 11:59	25°♒14'34	-2.3m
opposition	-2509 Sep 08 j 15:52	24°♒49'38	-4°26'47
direct	-2509 Oct 11 j 18:49	17°♒56'17	
	-2509 Nov 29 j 12:50	0°♓	
asc. node	-2509 Dec 13 j 09:07	6°♓13'05	
	-2508 Jan 27 j 14:09	0°♈	
	-2508 Mar 19 j 02:01	0°♉	
	-2508 May 07 j 10:49	0°♊	
	-2508 Jun 24 j 04:58	0°♋	
evening set	-2508 Jul 08 j 05:11	9°♋01'14	
max. Earth dist.	-2508 Jul 31 j 02:55	24°♋01'08	2.60026 AU
	-2508 Aug 09 j 02:46	0°♌	
conjunction	-2508 Aug 24 j 06:36	10°♌12'20	1°03'11
minimum elong	-2508 Aug 24 j 07:43	10°♌14'12	1°03'14
	-2508 Sep 22 j 00:15	0°♍	
morning rise	-2508 Oct 11 j 07:08	13°♍37'25	
	-2508 Nov 02 j 23:53	0°♎	
	-2508 Dec 13 j 10:33	0°♏	
desc. node	-2508 Dec 24 j 06:17	8°♏10'38	
	-2507 Jan 21 j 21:25	0°♐	
	-2507 Mar 02 j 02:39	0°♑	
	-2507 Apr 11 j 02:52	0°♒	
	-2507 May 23 j 12:12	0°♓	
	-2507 Jul 11 j 04:15	0°♈	
retrograde	-2507 Sep 14 j 18:54	21°♈29'16	
min. Earth dist.	-2507 Oct 18 j 19:19	13°♈48'07	0.59292 AU
opposition	-2507 Oct 24 j 07:21	11°♈37'29	-0°15'30
greatest brilliancy	-2507 Oct 24 j 06:14	11°♈38'34	-1.7m
asc. node	-2507 Oct 30 j 09:13	9°♈16'57	
direct	-2507 Nov 30 j 10:43	3°♈02'13	
	-2506 Feb 20 j 22:13	0°♉	
	-2506 Apr 16 j 12:58	0°♊	
	-2506 Jun 05 j 02:41	0°♋	
	-2506 Jul 21 j 13:03	0°♌	
evening set	-2506 Aug 18 j 12:42	18°♌59'42	
max. Earth dist.	-2506 Sep 02 j 17:37	29°♌36'44	2.49331 AU
	-2506 Sep 03 j 06:48	0°♍	
conjunction	-2506 Oct 09 j 00:22	25°♍47'09	0°22'05
minimum elong	-2506 Oct 09 j 01:32	25°♍49'19	0°22'04
	-2506 Oct 14 j 17:10	0°♎	
desc. node	-2506 Nov 11 j 05:45	20°♎41'46	
	-2506 Nov 23 j 09:40	0°♏	
morning rise	-2506 Dec 04 j 21:25	8°♏51'45	
	-2505 Jan 01 j 01:18	0°♐	
	-2505 Feb 08 j 11:48	0°♑	
	-2505 Mar 19 j 14:35	0°♒	
	-2505 Apr 29 j 08:52	0°♓	
	-2505 Jun 12 j 00:22	0°♈	
	-2505 Jul 31 j 03:21	0°♉	
asc. node	-2505 Sep 17 j 08:10	22°♉18'49	
retrograde	-2505 Oct 20 j 23:23	28°♉35'25	
min. Earth dist.	-2505 Nov 28 j 06:21	19°♉26'32	0.66210 AU
opposition	-2505 Nov 30 j 02:02	18°♉42'38	2°38'58
greatest brilliancy	-2505 Nov 29 j 20:42	18°♉47'59	-1.4m

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

direct	-2504 Jan 08 j 21:30	9°♉10'49	
	-2504 Mar 19 j 08:43	0°♊	
	-2504 May 13 j 19:56	0°♋	
	-2504 Jun 30 j 23:25	0°♌	
	-2504 Aug 14 j 03:36	0°♍	
	-2504 Sep 24 j 11:35	0°♎	
desc. node	-2504 Sep 28 j 03:59	2°♎45'13	
evening set	-2504 Oct 07 j 13:50	9°♎50'40	
	-2504 Nov 02 j 20:30	0°♏	
max. Earth dist.	-2504 Nov 19 j 19:48	13°♏14'01	2.37788 AU
conjunction	-2504 Dec 07 j 21:13	27°♏25'25	-0°45'24
minimum elong	-2504 Dec 07 j 18:12	27°♏19'29	0°45'26
	-2504 Dec 11 j 03:41	0°♐	
	-2503 Jan 18 j 07:09	0°♑	
morning rise	-2503 Feb 14 j 10:29	21°♑02'23	
	-2503 Feb 26 j 04:17	0°♒	
	-2503 Apr 07 j 14:29	0°♓	
	-2503 May 20 j 07:00	0°♈	
	-2503 Jul 05 j 00:10	0°♉	
asc. node	-2503 Aug 04 j 07:00	18°♉27'04	
	-2503 Aug 24 j 14:47	0°♊	
	-2503 Nov 03 j 23:37	0°♋	
retrograde	-2503 Nov 23 j 18:14	2°♋14'26	
	-2503 Dec 12 j 06:27	30°℞♊	
opposition	-2502 Jan 02 j 06:08	22°♊51'52	4°22'43
greatest brilliancy	-2502 Jan 02 j 11:45	22°♊46'18	-1.3m
min. Earth dist.	-2502 Jan 04 j 06:20	22°♊04'02	0.66846 AU
direct	-2502 Feb 12 j 09:32	12°♊53'09	
	-2502 Apr 14 j 23:03	0°♋	
	-2502 Jun 08 j 17:16	0°♌	
	-2502 Jul 24 j 15:45	0°♍	
desc. node	-2502 Aug 16 j 01:54	15°♍48'04	
	-2502 Sep 04 j 12:03	0°♎	
	-2502 Oct 13 j 23:11	0°♏	
	-2502 Nov 21 j 06:01	0°♐	
evening set	-2502 Dec 13 j 04:03	17°♐15'55	
	-2502 Dec 29 j 10:00	0°♑	
	-2501 Feb 06 j 09:33	0°♒	
conjunction	-2501 Feb 16 j 17:35	7°♒46'39	-1°01'43
minimum elong	-2501 Feb 16 j 19:36	7°♒50'25	1°01'44
	-2501 Mar 18 j 22:42	0°♓	
max. Earth dist.	-2501 Apr 04 j 08:40	11°♓44'21	2.47342 AU
morning rise	-2501 Apr 19 j 17:27	22°♓31'02	
	-2501 Apr 30 j 13:43	0°♈	
	-2501 Jun 14 j 12:25	0°♉	
asc. node	-2501 Jun 22 j 06:59	5°♉01'42	
	-2501 Aug 01 j 00:38	0°♊	
	-2501 Sep 21 j 06:50	0°♋	
	-2501 Nov 24 j 04:25	0°♌	
retrograde	-2500 Jan 01 j 01:02	7°♌17'04	
	-2500 Feb 04 j 16:20	30°℞♋	
opposition	-2500 Feb 07 j 20:03	28°♋48'15	4°50'56
greatest brilliancy	-2500 Feb 08 j 18:50	28°♋26'26	-1.6m
min. Earth dist.	-2500 Feb 13 j 15:43	26°♋34'50	0.61001 AU
direct	-2500 Mar 19 j 18:17	18°♋56'24	
	-2500 May 04 j 19:19	0°♌	
	-2500 Jun 29 j 02:49	0°♍	
desc. node	-2500 Jul 03 j 00:52	2°♍29'50	
	-2500 Aug 12 j 07:22	0°♎	
	-2500 Sep 21 j 16:24	0°♏	
	-2500 Oct 30 j 11:21	0°♐	
	-2500 Dec 08 j 01:37	0°♑	
	-2499 Jan 16 j 12:06	0°♒	
evening set	-2499 Feb 15 j 13:38	22°♒07'14	
	-2499 Feb 26 j 12:32	0°♓	
	-2499 Apr 10 j 12:31	0°♈	
conjunction	-2499 Apr 13 j 08:36	1°♈55'50	-0°15'11
minimum elong	-2499 Apr 13 j 09:23	1°♈57'10	0°15'10
behind sun begin	-2499 Apr 13 j 03:06	1°♈46'29	
behind sun end	-2499 Apr 13 j 15:41	2°♈07'51	
asc. node	-2499 May 09 j 05:28	19°♈17'19	
max. Earth dist.	-2499 May 09 j 13:14	19°♈30'11	2.58977 AU
	-2499 May 25 j 11:57	0°♉	
morning rise	-2499 Jun 04 j 09:39	6°♉26'57	
	-2499 Jul 11 j 04:13	0°♊	
	-2499 Aug 28 j 07:59	0°♋	
	-2499 Oct 17 j 12:47	0°♌	
	-2499 Dec 12 j 11:22	0°♍	
retrograde	-2498 Feb 17 j 22:09	19°♍43'27	
opposition	-2498 Mar 24 j 13:16	12°♍45'27	3°02'09
greatest brilliancy	-2498 Mar 25 j 14:06	12°♍24'02	-2.2m
min. Earth dist.	-2498 Apr 02 j 01:58	9°♍49'46	0.49447 AU
direct	-2498 May 01 j 16:54	4°♍13'01	
desc. node	-2498 May 21 j 00:20	6°♍38'24	
	-2498 Jul 12 j 07:26	0°♎	
	-2498 Aug 26 j 19:20	0°♏	
	-2498 Oct 06 j 19:57	0°♐	
	-2498 Nov 15 j 21:30	0°♑	
	-2498 Dec 26 j 12:57	0°♒	
	-2497 Feb 06 j 14:20	0°♓	
	-2497 Mar 22 j 10:28	0°♈	
asc. node	-2497 Mar 27 j 03:20	3°♈08'54	
evening set	-2497 Apr 06 j 21:35	10°♈18'30	
	-2497 May 06 j 22:22	0°♉	
conjunction	-2497 May 26 j 23:09	12°♉56'49	0°33'21
minimum elong	-2497 May 26 j 22:00	12°♉54'57	0°33'22
max. Earth dist.	-2497 Jun 04 j 14:01	18°♉29'05	2.65735 AU
	-2497 Jun 22 j 14:09	0°♊	
morning rise	-2497 Jul 12 j 18:24	12°♊51'03	
	-2497 Aug 08 j 18:20	0°♋	
	-2497 Sep 25 j 00:56	0°♌	
	-2497 Nov 11 j 12:28	0°♍	
	-2497 Dec 30 j 02:40	0°♎	
	-2496 Feb 21 j 04:11	0°♏	
desc. node	-2496 Apr 06 j 23:16	18°♏29'32	
retrograde	-2496 Apr 29 j 08:14	21°♏26'16	
opposition	-2496 May 29 j 19:12	16°♏22'23	-3°39'02
greatest brilliancy	-2496 May 30 j 02:49	16°♏17'14	-2.9m
min. Earth dist.	-2496 Jun 01 j 21:00	15°♏32'35	0.38319 AU
direct	-2496 Jun 29 j 23:04	10°♏57'23	
	-2496 Aug 28 j 13:26	0°♐	
	-2496 Oct 16 j 22:40	0°♑	
	-2496 Dec 01 j 00:06	0°♒	
	-2495 Jan 14 j 19:45	0°♓	
asc. node	-2495 Feb 11 j 01:47	17°♓59'05	
	-2495 Mar 01 j 11:48	0°♈	
	-2495 Apr 17 j 03:12	0°♉	
evening set	-2495 May 17 j 04:35	19°♉07'28	
	-2495 Jun 03 j 07:34	0°♊	
max. Earth dist.	-2495 Jun 27 j 11:29	15°♊22'41	2.67075 AU
conjunction	-2495 Jul 03 j 01:00	18°♊55'46	1°03'48
minimum elong	-2495 Jul 03 j 00:02	18°♊54'13	1°03'51
	-2495 Jul 20 j 07:47	0°♋	
morning rise	-2495 Aug 17 j 00:11	17°♋53'26	
	-2495 Sep 04 j 12:53	0°♌	
	-2495 Oct 19 j 15:32	0°♍	
	-2495 Dec 02 j 15:58	0°♎	
	-2494 Jan 14 j 20:48	0°♏	
desc. node	-2494 Feb 23 j 00:31	27°♏21'08	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2494 Feb 26 j 19:59	0°♐	
	-2494 Apr 12 j 05:15	0°♑	
	-2494 Jun 04 j 18:46	0°♒	
retrograde	-2494 Jul 12 j 12:08	8°♒53'25	
min. Earth dist.	-2494 Aug 08 j 09:15	4°♒04'50	0.42551 AU
greatest brilliancy	-2494 Aug 14 j 13:40	2°♒05'57	-2.6m
opposition	-2494 Aug 16 j 00:36	1°♒37'41	-6°02'23
	-2494 Aug 21 j 04:47	30°℞♑	
direct	-2494 Sep 16 j 09:51	25°♑38'43	
	-2494 Oct 13 j 11:49	0°♒	
	-2494 Dec 17 j 11:15	0°♓	
asc. node	-2494 Dec 30 j 00:16	7°♓06'00	
	-2493 Feb 06 j 20:44	0°♈	
	-2493 Mar 28 j 04:46	0°♉	
	-2493 May 15 j 16:17	0°♊	
evening set	-2493 Jun 24 j 07:21	25°♊00'45	
	-2493 Jul 02 j 02:21	0°♋	
max. Earth dist.	-2493 Jul 21 j 16:30	12°♋40'05	2.63035 AU
conjunction	-2493 Aug 09 j 17:13	25°♋09'46	1°09'17
minimum elong	-2493 Aug 09 j 17:41	25°♋10'33	1°09'20
	-2493 Aug 17 j 00:00	0°♌	
morning rise	-2493 Sep 25 j 00:53	26°♌28'39	
	-2493 Sep 30 j 02:59	0°♍	
	-2493 Nov 11 j 12:06	0°♎	
	-2493 Dec 22 j 10:37	0°♏	
desc. node	-2492 Jan 11 j 00:28	14°♏37'46	
	-2492 Jan 31 j 10:18	0°♐	
	-2492 Mar 11 j 05:18	0°♑	
	-2492 Apr 21 j 00:44	0°♒	
	-2492 Jun 04 j 06:07	0°♓	
	-2492 Aug 02 j 09:16	0°♈	
retrograde	-2492 Aug 30 j 03:21	4°♈53'16	
	-2492 Sep 25 j 12:18	30°℞♓	
min. Earth dist.	-2492 Oct 01 j 03:44	27°♓56'15	0.55062 AU
opposition	-2492 Oct 07 j 22:44	25°♓18'46	-1°44'52
greatest brilliancy	-2492 Oct 07 j 13:04	25°♓28'06	-1.9m
direct	-2492 Nov 12 j 16:00	17°♓16'41	
asc. node	-2492 Nov 15 j 23:19	17°♓20'50	
	-2491 Jan 03 j 00:30	0°♈	
	-2491 Mar 03 j 22:43	0°♉	
	-2491 Apr 24 j 17:28	0°♊	
	-2491 Jun 12 j 09:35	0°♋	
	-2491 Jul 28 j 13:27	0°♌	
evening set	-2491 Aug 01 j 18:12	2°♌48'32	
max. Earth dist.	-2491 Aug 19 j 02:12	14°♌33'35	2.53993 AU
	-2491 Sep 10 j 07:53	0°♍	
conjunction	-2491 Sep 19 j 22:02	6°♍47'16	0°42'32
minimum elong	-2491 Sep 19 j 23:39	6°♍50'09	0°42'33
	-2491 Oct 21 j 22:40	0°♎	
morning rise	-2491 Nov 11 j 09:29	15°♎13'47	
desc. node	-2491 Nov 27 j 22:29	27°♎45'00	
	-2491 Nov 30 j 21:19	0°♏	
	-2490 Jan 08 j 19:17	0°♐	
	-2490 Feb 16 j 11:16	0°♑	
	-2490 Mar 27 j 19:21	0°♒	
	-2490 May 07 j 22:01	0°♓	
	-2490 Jun 21 j 12:13	0°♈	
	-2490 Aug 13 j 19:06	0°♉	
asc. node	-2490 Oct 03 j 23:36	14°♉59'32	
retrograde	-2490 Oct 07 j 08:35	15°♉04'05	
min. Earth dist.	-2490 Nov 13 j 02:34	6°♉26'07	0.64204 AU
opposition	-2490 Nov 16 j 09:48	5°♉06'37	1°40'31
greatest brilliancy	-2490 Nov 16 j 04:11	5°♉12'15	-1.5m
	-2490 Nov 30 j 04:13	30°℞♈	
direct	-2490 Dec 25 j 08:05	25°♈52'53	
	-2489 Jan 21 j 22:49	0°♉	
	-2489 Apr 01 j 00:39	0°♊	
	-2489 May 23 j 05:28	0°♋	
	-2489 Jul 09 j 12:11	0°♌	
	-2489 Aug 22 j 10:44	0°♍	
evening set	-2489 Sep 17 j 01:08	18°♍23'18	
	-2489 Oct 02 j 18:43	0°♎	
max. Earth dist.	-2489 Oct 06 j 04:02	2°♎31'44	2.41632 AU
desc. node	-2489 Oct 15 j 20:37	9°♎48'51	
	-2489 Nov 11 j 05:49	0°♏	
conjunction	-2489 Nov 12 j 23:03	1°♏19'45	-0°19'17
minimum elong	-2489 Nov 12 j 21:38	1°♏17'01	0°19'17
	-2489 Dec 19 j 15:32	0°♐	
morning rise	-2488 Jan 17 j 01:09	22°♐18'59	
	-2488 Jan 26 j 20:49	0°♑	
	-2488 Mar 05 j 18:59	0°♒	
	-2488 Apr 15 j 06:25	0°♓	
	-2488 May 28 j 03:28	0°♈	
	-2488 Jul 13 j 14:25	0°♉	
asc. node	-2488 Aug 20 j 23:29	22°♉07'29	
	-2488 Sep 05 j 09:22	0°♊	
retrograde	-2488 Nov 10 j 02:33	19°♊25'28	
opposition	-2488 Dec 19 j 23:18	9°♊48'30	3°50'29
greatest brilliancy	-2488 Dec 19 j 23:17	9°♊48'31	-1.3m
min. Earth dist.	-2488 Dec 20 j 11:13	9°♊36'35	0.67359 AU
	-2487 Jan 27 j 00:01	30°℞♉	
direct	-2487 Jan 29 j 18:11	29°♉57'10	
	-2487 Feb 01 j 13:00	0°♊	
	-2487 Apr 27 j 16:59	0°♋	
	-2487 Jun 17 j 15:25	0°♌	
	-2487 Aug 01 j 15:47	0°♍	
desc. node	-2487 Sep 01 j 19:29	22°♍18'12	
	-2487 Sep 12 j 05:19	0°♎	
	-2487 Oct 21 j 14:27	0°♏	
evening set	-2487 Nov 15 j 17:27	19°♏39'24	
	-2487 Nov 28 j 20:24	0°♐	
	-2486 Jan 05 j 23:02	0°♑	
conjunction	-2486 Jan 20 j 20:55	11°♑36'31	-1°06'32
minimum elong	-2486 Jan 20 j 20:31	11°♑35'46	1°06'36
	-2486 Feb 13 j 20:25	0°♒	
max. Earth dist.	-2486 Mar 11 j 16:44	19°♒20'05	2.42058 AU
	-2486 Mar 26 j 07:05	0°♓	
morning rise	-2486 Mar 28 j 05:33	1°♓24'03	
	-2486 May 07 j 20:44	0°♈	
	-2486 Jun 21 j 23:02	0°♉	
asc. node	-2486 Jul 08 j 22:11	10°♉48'43	
	-2486 Aug 09 j 04:50	0°♊	
	-2486 Oct 02 j 08:14	0°♋	
retrograde	-2486 Dec 16 j 09:17	23°♋21'26	
opposition	-2485 Jan 23 j 23:52	14°♋28'22	4°50'47
greatest brilliancy	-2485 Jan 24 j 16:00	14°♋12'39	-1.4m
min. Earth dist.	-2485 Jan 28 j 08:19	12°♋46'40	0.64048 AU
direct	-2485 Mar 06 j 05:38	4°♋28'31	
	-2485 May 21 j 23:04	0°♌	
	-2485 Jul 10 j 06:58	0°♍	
desc. node	-2485 Jul 20 j 17:38	7°♍01'59	
	-2485 Aug 22 j 04:10	0°♎	
	-2485 Oct 01 j 01:13	0°♏	
	-2485 Nov 08 j 13:31	0°♐	
	-2485 Dec 16 j 22:04	0°♑	
evening set	-2484 Jan 23 j 20:46	29°♑03'45	
	-2484 Jan 25 j 02:40	0°♒	
	-2484 Mar 05 j 21:08	0°♓	
conjunction	-2484 Mar 24 j 08:28	13°♓08'09	-0°35'46

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

minimum elong	-2484 Mar 24 j 10:23	13°♓11'32	0°35'46
	-2484 Apr 17 j 15:54	0°♈	
max. Earth dist.	-2484 Apr 27 j 13:05	6°♈43'28	2.54925 AU
morning rise	-2484 May 18 j 16:46	20°♈53'16	
asc. node	-2484 May 25 j 21:28	25°♈38'13	
	-2484 Jun 01 j 13:08	0°♉	
	-2484 Jul 18 j 09:41	0°♊	
	-2484 Sep 05 j 08:21	0°♋	
	-2484 Oct 28 j 01:34	0°♌	
	-2483 Jan 09 j 14:24	0°♍	
retrograde	-2483 Jan 27 j 21:58	1°♍54'47	
	-2483 Feb 14 j 08:01	30°℞♌	
opposition	-2483 Mar 05 j 00:26	24°♌15'18	4°09'11
greatest brilliancy	-2483 Mar 06 j 05:05	23°♌49'11	-1.9m
min. Earth dist.	-2483 Mar 12 j 20:21	21°♌24'50	0.54482 AU
direct	-2483 Apr 13 j 16:44	14°♌58'30	
	-2483 Jun 05 j 20:05	0°♍	
desc. node	-2483 Jun 06 j 16:53	0°♍25'35	
	-2483 Jul 26 j 10:33	0°♎	
	-2483 Sep 06 j 16:46	0°♏	
	-2483 Oct 16 j 10:26	0°♐	
	-2483 Nov 24 j 16:43	0°♑	
	-2482 Jan 03 j 17:04	0°♒	
	-2482 Feb 14 j 05:58	0°♓	
evening set	-2482 Mar 19 j 19:10	23°♓17'45	
	-2482 Mar 29 j 16:02	0°♈	
asc. node	-2482 Apr 12 j 19:39	9°♈30'23	
conjunction	-2482 May 11 j 00:03	28°♈06'53	0°16'09
minimum elong	-2482 May 10 j 23:22	28°♈05'46	0°16'10
	-2482 May 13 j 21:21	0°♉	
max. Earth dist.	-2482 May 26 j 00:43	7°♉53'20	2.63726 AU
morning rise	-2482 Jun 28 j 09:08	29°♉18'07	
	-2482 Jun 29 j 11:25	0°♊	
	-2482 Aug 15 j 21:36	0°♋	
	-2482 Oct 02 j 23:24	0°♌	
	-2482 Nov 21 j 08:14	0°♍	
	-2481 Jan 13 j 23:51	0°♎	
retrograde	-2481 Mar 30 j 06:13	24°♎10'01	
desc. node	-2481 Apr 24 j 17:25	20°♎19'56	
opposition	-2481 May 01 j 02:37	18°♎28'48	-0°25'20
greatest brilliancy	-2481 May 01 j 05:16	18°♎26'48	-2.7m
min. Earth dist.	-2481 May 08 j 01:29	16°♎23'51	0.41648 AU
direct	-2481 Jun 04 j 07:10	11°♎47'56	
	-2481 Jul 31 j 12:15	0°♏	
	-2481 Sep 17 j 14:48	0°♐	
	-2481 Oct 30 j 15:03	0°♑	
	-2481 Dec 12 j 01:59	0°♒	
	-2480 Jan 24 j 10:09	0°♓	
asc. node	-2480 Feb 28 j 16:54	23°♓44'12	
	-2480 Mar 09 j 04:00	0°♈	
	-2480 Apr 24 j 06:00	0°♉	
evening set	-2480 May 01 j 19:28	4°♉51'37	
	-2480 Jun 10 j 03:43	0°♊	
conjunction	-2480 Jun 18 j 13:28	5°♊21'26	0°54'38
minimum elong	-2480 Jun 18 j 12:13	5°♊19'28	0°54'40
max. Earth dist.	-2480 Jun 18 j 07:13	5°♊11'28	2.67203 AU
	-2480 Jul 27 j 03:48	0°♋	
morning rise	-2480 Aug 02 j 21:05	4°♋18'27	
	-2480 Sep 11 j 16:14	0°♌	
	-2480 Oct 27 j 11:18	0°♍	
	-2480 Dec 11 j 16:16	0°♎	
	-2479 Jan 25 j 19:01	0°♏	
desc. node	-2479 Mar 11 j 17:13	29°♏06'12	
	-2479 Mar 13 j 03:39	0°♐	
	-2479 May 06 j 13:45	0°♑	
retrograde	-2479 Jun 16 j 15:58	10°♑00'59	
min. Earth dist.	-2479 Jul 13 j 15:45	5°♑35'22	0.38820 AU
opposition	-2479 Jul 18 j 15:59	4°♑10'12	-6°41'41
greatest brilliancy	-2479 Jul 17 j 13:40	4°♑28'53	-2.8m
	-2479 Aug 05 j 05:58	30°℞♐	
direct	-2479 Aug 17 j 12:25	29°♐00'09	
	-2479 Aug 30 j 00:35	0°♑	
	-2479 Nov 09 j 14:53	0°♒	
	-2479 Dec 29 j 18:57	0°♓	
asc. node	-2478 Jan 15 j 15:45	10°♓27'56	
	-2478 Feb 15 j 22:23	0°♈	
	-2478 Apr 04 j 21:26	0°♉	
	-2478 May 22 j 17:40	0°♊	
evening set	-2478 Jun 09 j 14:13	11°♊16'54	
	-2478 Jul 08 j 22:19	0°♋	
max. Earth dist.	-2478 Jul 12 j 01:05	2°♋00'16	2.65238 AU
conjunction	-2478 Jul 25 j 20:37	10°♋56'22	1°10'33
minimum elong	-2478 Jul 25 j 20:28	10°♋56'07	1°10'36
	-2478 Aug 23 j 21:36	0°♌	
morning rise	-2478 Sep 09 j 05:17	10°♌53'45	
	-2478 Oct 07 j 07:48	0°♍	
	-2478 Nov 19 j 04:59	0°♎	
	-2478 Dec 30 j 19:05	0°♏	
desc. node	-2477 Jan 27 j 16:38	20°♏29'58	
	-2477 Feb 09 j 13:13	0°♐	
	-2477 Mar 22 j 07:00	0°♑	
	-2477 May 03 j 16:50	0°♒	
	-2477 Jun 21 j 22:38	0°♓	
retrograde	-2477 Aug 13 j 18:37	15°♓52'23	
min. Earth dist.	-2477 Sep 12 j 15:55	9°♓45'02	0.50231 AU
opposition	-2477 Sep 20 j 09:59	6°♓53'01	-3°26'28
greatest brilliancy	-2477 Sep 19 j 12:45	7°♓12'41	-2.2m
	-2477 Oct 16 j 07:02	30°℞♒	
direct	-2477 Oct 24 j 11:49	29°♒32'41	
	-2477 Nov 01 j 23:36	0°♓	
asc. node	-2477 Dec 03 j 15:45	8°♓03'20	
	-2476 Jan 19 j 22:03	0°♈	
	-2476 Mar 13 j 09:07	0°♉	
	-2476 May 02 j 10:54	0°♊	
	-2476 Jun 19 j 12:06	0°♋	
evening set	-2476 Jul 16 j 23:10	17°♋44'19	
	-2476 Aug 04 j 12:18	0°♌	
max. Earth dist.	-2476 Aug 06 j 15:04	1°♌24'52	2.58078 AU
conjunction	-2476 Sep 02 j 13:56	19°♌43'03	0°57'15
minimum elong	-2476 Sep 02 j 15:20	19°♌45'27	0°57'17
	-2476 Sep 17 j 09:04	0°♍	
morning rise	-2476 Oct 21 j 21:15	24°♍37'58	
	-2476 Oct 29 j 05:49	0°♎	
	-2476 Dec 08 j 12:02	0°♏	
desc. node	-2476 Dec 14 j 15:56	4°♏40'19	
	-2475 Jan 16 j 17:50	0°♐	
	-2475 Feb 24 j 17:13	0°♑	
	-2475 Apr 05 j 09:34	0°♒	
	-2475 May 17 j 03:20	0°♓	
	-2475 Jul 02 j 14:33	0°♈	
	-2475 Sep 12 j 23:49	0°♉	
retrograde	-2475 Sep 23 j 05:41	0°♉41'51	
	-2475 Oct 03 j 05:11	30°℞♈	
asc. node	-2475 Oct 20 j 15:07	25°♈33'06	
min. Earth dist.	-2475 Oct 28 j 07:00	22°♈39'04	0.61290 AU
opposition	-2475 Nov 02 j 00:46	20°♈45'43	0°30'39
greatest brilliancy	-2475 Nov 01 j 22:23	20°♈48'06	-1.6m
direct	-2475 Dec 09 j 21:14	11°♈55'02	
	-2474 Feb 12 j 05:04	0°♉	
	-2474 Apr 10 j 17:04	0°♊	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2474 May 31 j 01:33	0°♋	
	-2474 Jul 16 j 18:50	0°♌	
evening set	-2474 Aug 28 j 18:04	29°♌23'45	
	-2474 Aug 29 j 14:38	0°♍	
max. Earth dist.	-2474 Sep 12 j 19:08	10°♍06'08	2.46599 AU
	-2474 Oct 10 j 00:38	0°♎	
conjunction	-2474 Oct 20 j 21:32	8°♎07'10	0°08'00
minimum elong	-2474 Oct 20 j 22:01	8°♎08'06	0°07'58
behind sun begin	-2474 Oct 20 j 01:00	7°♎28'39	
behind sun end	-2474 Oct 21 j 19:03	8°♎47'34	
desc. node	-2474 Nov 01 j 13:51	16°♎56'30	
	-2474 Nov 18 j 15:30	0°♏	
morning rise	-2474 Dec 19 j 15:13	24°♏04'13	
	-2474 Dec 27 j 05:08	0°♐	
	-2473 Feb 03 j 13:25	0°♑	
	-2473 Mar 14 j 13:37	0°♒	
	-2473 Apr 24 j 03:55	0°♓	
	-2473 Jun 06 j 09:28	0°♈	
	-2473 Jul 24 j 03:39	0°♉	
asc. node	-2473 Sep 07 j 14:26	23°♉35'19	
	-2473 Sep 24 j 00:11	0°♊	
retrograde	-2473 Oct 28 j 16:12	6°♊33'14	
	-2473 Nov 29 j 12:17	30°℞♉	
opposition	-2473 Dec 07 j 18:12	26°♉45'04	3°08'15
min. Earth dist.	-2473 Dec 06 j 18:20	27°♉09'01	0.66892 AU
greatest brilliancy	-2473 Dec 07 j 14:10	26°♉49'07	-1.3m
direct	-2472 Jan 16 j 23:37	17°♉05'05	
	-2472 Mar 09 j 17:41	0°♊	
	-2472 May 07 j 20:50	0°♋	
	-2472 Jun 25 j 20:05	0°♌	
	-2472 Aug 09 j 06:58	0°♍	
desc. node	-2472 Sep 18 j 12:03	29°♍06'07	
	-2472 Sep 19 j 16:58	0°♎	
evening set	-2472 Oct 21 j 00:34	23°♎46'03	
	-2472 Oct 29 j 01:58	0°♏	
	-2472 Dec 06 j 08:39	0°♐	
conjunction	-2472 Dec 23 j 15:08	13°♐37'17	-0°56'56
minimum elong	-2472 Dec 23 j 12:17	13°♐31'39	0°56'59
	-2471 Jan 13 j 11:30	0°♑	
max. Earth dist.	-2471 Jan 18 j 02:52	3°♑37'35	2.37784 AU
	-2471 Feb 21 j 08:07	0°♒	
morning rise	-2471 Mar 02 j 10:17	6°♒52'11	
	-2471 Apr 02 j 17:38	0°♓	
	-2471 May 15 j 07:35	0°♈	
	-2471 Jun 29 j 16:51	0°♉	
asc. node	-2471 Jul 25 j 14:01	16°♉06'37	
	-2471 Aug 18 j 03:18	0°♊	
	-2471 Oct 17 j 12:43	0°♋	
retrograde	-2471 Dec 01 j 18:34	10°♋06'06	
opposition	-2470 Jan 10 j 00:23	0°♋52'55	4°36'20
greatest brilliancy	-2470 Jan 10 j 09:35	0°♋43'50	-1.3m
	-2470 Jan 12 j 06:01	30°℞♊	
min. Earth dist.	-2470 Jan 12 j 20:45	29°♊45'30	0.66141 AU
direct	-2470 Feb 20 j 06:45	20°♊52'09	
	-2470 Apr 03 j 18:24	0°♋	
	-2470 Jun 02 j 10:00	0°♌	
	-2470 Jul 19 j 06:51	0°♍	
desc. node	-2470 Aug 06 j 11:40	12°♍39'09	
	-2470 Aug 30 j 10:51	0°♎	
	-2470 Oct 09 j 00:57	0°♏	
	-2470 Nov 16 j 09:10	0°♐	
	-2470 Dec 24 j 13:56	0°♑	
evening set	-2470 Dec 28 j 17:01	3°♑13'02	
	-2469 Feb 01 j 14:13	0°♒	
conjunction	-2469 Mar 02 j 20:04	21°♒45'31	-0°53'58
minimum elong	-2469 Mar 02 j 22:32	21°♒50'00	0°53'58
	-2469 Mar 14 j 04:14	0°♓	
max. Earth dist.	-2469 Apr 14 j 07:09	22°♓03'03	2.50207 AU
	-2469 Apr 25 j 19:22	0°♈	
morning rise	-2469 May 01 j 06:54	3°♈44'46	
	-2469 Jun 09 j 16:16	0°♉	
asc. node	-2469 Jun 12 j 12:18	1°♉50'47	
	-2469 Jul 26 j 20:33	0°♊	
	-2469 Sep 15 j 00:25	0°♋	
	-2469 Nov 11 j 14:12	0°♌	
retrograde	-2468 Jan 10 j 14:27	16°♌07'39	
opposition	-2468 Feb 16 j 21:05	7°♌54'31	4°42'15
greatest brilliancy	-2468 Feb 17 j 22:51	7°♌30'11	-1.7m
min. Earth dist.	-2468 Feb 23 j 11:34	5°♌25'26	0.58928 AU
	-2468 Mar 12 j 01:08	30°℞♋	
direct	-2468 Mar 28 j 12:12	28°♋11'26	
	-2468 Apr 14 j 16:15	0°♌	
	-2468 Jun 21 j 16:38	0°♍	
desc. node	-2468 Jun 23 j 10:25	1°♍02'54	
	-2468 Aug 06 j 07:31	0°♎	
	-2468 Sep 16 j 04:39	0°♏	
	-2468 Oct 25 j 05:57	0°♐	
	-2468 Dec 03 j 00:24	0°♑	
	-2467 Jan 11 j 14:10	0°♒	
	-2467 Feb 21 j 17:32	0°♓	
evening set	-2467 Feb 27 j 20:55	4°♓21'49	
	-2467 Apr 05 j 19:34	0°♈	
conjunction	-2467 Apr 23 j 20:53	12°♈10'37	-0°03'18
minimum elong	-2467 Apr 23 j 21:04	12°♈10'55	0°03'17
behind sun begin	-2467 Apr 22 j 23:37	11°♈35'03	
behind sun end	-2467 Apr 24 j 18:32	12°♈46'47	
asc. node	-2467 Apr 29 j 10:39	15°♈53'44	
max. Earth dist.	-2467 May 15 j 23:38	26°♈49'30	2.60884 AU
	-2467 May 20 j 19:57	0°♉	
morning rise	-2467 Jun 13 j 10:11	15°♉18'01	
	-2467 Jul 06 j 10:12	0°♊	
	-2467 Aug 23 j 05:55	0°♋	
	-2467 Oct 11 j 11:42	0°♌	
	-2467 Dec 03 j 02:04	0°♍	
	-2466 Feb 15 j 12:25	0°♎	
retrograde	-2466 Mar 03 j 09:34	1°♎26'59	
	-2466 Mar 18 j 13:45	30°℞♍	
opposition	-2466 Apr 06 j 00:27	24°♍55'32	2°02'47
greatest brilliancy	-2466 Apr 06 j 18:15	24°♍40'49	-2.3m
min. Earth dist.	-2466 Apr 14 j 11:04	22°♍08'26	0.46542 AU
desc. node	-2466 May 11 j 09:05	16°♍58'18	
direct	-2466 May 13 j 00:07	16°♍57'12	
	-2466 Jun 29 j 12:30	0°♎	
	-2466 Aug 18 j 21:03	0°♏	
	-2466 Sep 30 j 06:15	0°♐	
	-2466 Nov 10 j 00:52	0°♑	
	-2466 Dec 21 j 03:30	0°♒	
	-2465 Feb 01 j 13:12	0°♓	
asc. node	-2465 Mar 17 j 09:27	29°♓50'39	
	-2465 Mar 17 j 15:03	0°♈	
evening set	-2465 Apr 16 j 14:50	19°♈48'30	
	-2465 May 02 j 06:41	0°♉	
conjunction	-2465 Jun 04 j 17:40	21°♉32'04	0°42'04
minimum elong	-2465 Jun 04 j 16:24	21°♉30'01	0°42'06
max. Earth dist.	-2465 Jun 10 j 01:53	24°♉57'06	2.66480 AU
	-2465 Jun 17 j 23:36	0°♊	
morning rise	-2465 Jul 20 j 21:15	20°♊57'55	
	-2465 Aug 04 j 01:36	0°♋	
	-2465 Sep 20 j 00:41	0°♌	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2465 Nov 05 j 18:52	0°♍	
	-2465 Dec 22 j 19:43	0°♎	
	-2464 Feb 09 j 14:16	0°♏	
desc. node	-2464 Mar 28 j 09:24	25°♏38'40	
	-2464 Apr 07 j 13:58	0°♐	
retrograde	-2464 May 17 j 11:34	8°♐53'15	
opposition	-2464 Jun 16 j 20:38	3°♐50'39	-5°18'09
greatest brilliancy	-2464 Jun 16 j 19:03	3°♐51'42	-2.9m
min. Earth dist.	-2464 Jun 16 j 23:02	3°♐49'03	0.37610 AU
	-2464 Jul 03 j 08:59	30°℞♏	
direct	-2464 Jul 17 j 00:34	28°♏48'42	
	-2464 Jul 30 j 11:04	0°♐	
	-2464 Oct 06 j 22:23	0°♑	
	-2464 Nov 23 j 20:48	0°♒	
	-2463 Jan 08 j 22:37	0°♓	
asc. node	-2463 Feb 01 j 07:33	15°♓11'05	
	-2463 Feb 24 j 06:45	0°♈	
	-2463 Apr 12 j 07:23	0°♉	
evening set	-2463 May 25 j 19:19	27°♉32'39	
	-2463 May 29 j 16:22	0°♊	
max. Earth dist.	-2463 Jul 02 j 20:31	21°♊44'26	2.66640 AU
conjunction	-2463 Jul 11 j 08:07	27°♊10'29	1°07'26
minimum elong	-2463 Jul 11 j 07:24	27°♊09'20	1°07'29
	-2463 Jul 15 j 17:41	0°♋	
morning rise	-2463 Aug 25 j 07:32	26°♋21'15	
	-2463 Aug 30 j 20:30	0°♌	
	-2463 Oct 14 j 16:44	0°♍	
	-2463 Nov 27 j 06:26	0°♎	
	-2462 Jan 08 j 18:55	0°♏	
desc. node	-2462 Feb 13 j 09:34	25°♏27'19	
	-2462 Feb 19 j 18:03	0°♐	
	-2462 Apr 03 j 06:13	0°♑	
	-2462 May 19 j 16:25	0°♒	
retrograde	-2462 Jul 25 j 01:41	23°♒38'03	
min. Earth dist.	-2462 Aug 21 j 21:08	18°♒23'08	0.45165 AU
opposition	-2462 Aug 29 j 21:43	15°♒38'25	-5°11'12
greatest brilliancy	-2462 Aug 28 j 13:35	16°♒06'04	-2.4m
direct	-2462 Oct 01 j 05:29	9°♒08'56	
	-2462 Dec 07 j 15:12	0°♓	
asc. node	-2462 Dec 20 j 06:30	6°♓27'39	
	-2461 Jan 31 j 10:39	0°♈	
	-2461 Mar 22 j 21:20	0°♉	
	-2461 May 10 j 20:22	0°♊	
	-2461 Jun 27 j 11:19	0°♋	
evening set	-2461 Jul 02 j 19:36	3°♋25'47	
max. Earth dist.	-2461 Jul 27 j 14:55	19°♋33'02	2.61460 AU
	-2461 Aug 12 j 09:56	0°♌	
conjunction	-2461 Aug 18 j 12:26	4°♌04'57	1°06'22
minimum elong	-2461 Aug 18 j 13:17	4°♌06'22	1°06'24
	-2461 Sep 25 j 10:37	0°♍	
morning rise	-2461 Oct 04 j 16:29	6°♍28'02	
	-2461 Nov 06 j 15:13	0°♎	
	-2461 Dec 17 j 07:24	0°♏	
desc. node	-2460 Jan 01 j 08:11	11°♏17'59	
	-2460 Jan 25 j 23:58	0°♐	
	-2460 Mar 05 j 10:33	0°♑	
	-2460 Apr 14 j 17:03	0°♒	
	-2460 May 27 j 15:41	0°♓	
	-2460 Jul 17 j 16:39	0°♈	
retrograde	-2460 Sep 08 j 05:54	15°♈01'00	
min. Earth dist.	-2460 Oct 11 j 09:25	7°♈39'07	0.57493 AU
opposition	-2460 Oct 17 j 12:02	5°♈15'29	-0°51'44
greatest brilliancy	-2460 Oct 17 j 07:44	5°♈19'40	-1.8m
	-2460 Nov 01 j 12:05	30°℞♓	
asc. node	-2460 Nov 06 j 06:26	28°♓46'53	
direct	-2460 Nov 23 j 01:26	26°♓54'06	
	-2460 Dec 16 j 09:35	0°♈	
	-2459 Feb 25 j 01:46	0°♉	
	-2459 Apr 19 j 08:31	0°♊	
	-2459 Jun 07 j 13:17	0°♋	
	-2459 Jul 23 j 22:01	0°♌	
evening set	-2459 Aug 11 j 03:52	12°♌17'35	
max. Earth dist.	-2459 Aug 26 j 23:38	23°♌11'22	2.51478 AU
	-2459 Sep 05 j 17:12	0°♍	
conjunction	-2459 Sep 30 j 12:04	17°♍43'08	0°31'30
minimum elong	-2459 Sep 30 j 13:32	17°♍45'47	0°31'30
	-2459 Oct 17 j 06:33	0°♎	
desc. node	-2459 Nov 18 j 07:34	24°♎03'31	
morning rise	-2459 Nov 24 j 06:36	28°♎36'28	
	-2459 Nov 26 j 02:15	0°♏	
	-2458 Jan 03 j 20:48	0°♐	
	-2458 Feb 11 j 09:19	0°♑	
	-2458 Mar 22 j 13:18	0°♒	
	-2458 May 02 j 09:27	0°♓	
	-2458 Jun 15 j 06:53	0°♈	
	-2458 Aug 04 j 13:46	0°♉	
asc. node	-2458 Sep 24 j 05:35	20°♉42'06	
retrograde	-2458 Oct 15 j 05:15	23°♉21'25	
min. Earth dist.	-2458 Nov 21 j 20:47	14°♉25'45	0.65445 AU
opposition	-2458 Nov 24 j 08:15	13°♉26'02	2°15'55
greatest brilliancy	-2458 Nov 24 j 02:22	13°♉31'57	-1.4m
direct	-2457 Jan 02 j 19:21	4°♉01'39	
	-2457 Mar 24 j 18:55	0°♊	
	-2457 May 17 j 18:13	0°♋	
	-2457 Jul 04 j 13:58	0°♌	
	-2457 Aug 17 j 17:03	0°♍	
evening set	-2457 Sep 28 j 21:28	0°♎35'45	
	-2457 Sep 28 j 02:17	0°♎	
desc. node	-2457 Oct 06 j 06:13	6°♎06'42	
max. Earth dist.	-2457 Oct 26 j 18:11	21°♎41'26	2.39223 AU
	-2457 Nov 06 j 12:49	0°♏	
conjunction	-2457 Nov 27 j 05:05	16°♏06'42	-0°34'39
minimum elong	-2457 Nov 27 j 02:35	16°♏01'48	0°34'39
	-2457 Dec 14 j 21:20	0°♐	
	-2456 Jan 22 j 01:14	0°♑	
morning rise	-2456 Feb 02 j 15:32	9°♑02'26	
	-2456 Feb 29 j 21:48	0°♒	
	-2456 Apr 10 j 07:07	0°♓	
	-2456 May 22 j 23:31	0°♈	
	-2456 Jul 07 j 21:08	0°♉	
asc. node	-2456 Aug 11 j 04:18	20°♉31'27	
	-2456 Aug 28 j 10:00	0°♊	
retrograde	-2456 Nov 17 j 21:33	27°♊14'25	
opposition	-2456 Dec 27 j 14:31	17°♊45'00	4°10'26
greatest brilliancy	-2456 Dec 27 j 17:28	17°♊42'04	-1.3m
min. Earth dist.	-2456 Dec 28 j 22:43	17°♊12'58	0.67210 AU
direct	-2455 Feb 06 j 15:20	7°♊49'01	
	-2455 Apr 19 j 23:42	0°♋	
	-2455 Jun 11 j 22:59	0°♌	
	-2455 Jul 27 j 12:52	0°♍	
desc. node	-2455 Aug 23 j 04:24	18°♍53'45	
	-2455 Sep 07 j 07:27	0°♎	
	-2455 Oct 16 j 18:22	0°♏	
	-2455 Nov 24 j 01:04	0°♐	
evening set	-2455 Dec 01 j 01:41	5°♐32'28	
	-2454 Jan 01 j 04:09	0°♑	
conjunction	-2454 Feb 05 j 07:05	27°♑07'41	-1°05'21
minimum elong	-2454 Feb 05 j 08:17	27°♑09'59	1°05'24
	-2454 Feb 09 j 01:48	0°♒	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2454 Mar 21 j 12:36	0°♓	
max. Earth dist.	-2454 Mar 26 j 12:58	3°♓37'16	2.44963 AU
morning rise	-2454 Apr 10 j 08:32	14°♓11'17	
	-2454 May 03 j 01:21	0°♈	
	-2454 Jun 16 j 23:45	0°♉	
asc. node	-2454 Jun 29 j 04:25	7°♉51'15	
	-2454 Aug 03 j 16:46	0°♊	
	-2454 Sep 24 j 20:43	0°♋	
	-2454 Dec 08 j 01:17	0°♌	
retrograde	-2454 Dec 25 j 03:46	1°♌40'38	
	-2453 Jan 10 j 08:14	30°℞♋	
opposition	-2453 Feb 01 j 08:42	23°♋00'18	4°52'28
greatest brilliancy	-2453 Feb 02 j 04:38	22°♋41'04	-1.5m
min. Earth dist.	-2453 Feb 06 j 13:21	21°♋00'12	0.62493 AU
direct	-2453 Mar 14 j 11:59	13°♋03'43	
	-2453 May 12 j 20:24	0°♌	
	-2453 Jul 04 j 01:15	0°♍	
desc. node	-2453 Jul 11 j 02:53	4°♍37'15	
	-2453 Aug 16 j 16:09	0°♎	
	-2453 Sep 25 j 20:06	0°♏	
	-2453 Nov 03 j 12:02	0°♐	
	-2453 Dec 11 j 23:14	0°♑	
	-2452 Jan 20 j 06:01	0°♒	
evening set	-2452 Feb 06 j 14:28	12°♒54'18	
	-2452 Mar 01 j 02:36	0°♓	
conjunction	-2452 Apr 05 j 00:13	24°♓32'43	-0°23'59
minimum elong	-2452 Apr 05 j 01:31	24°♓34'56	0°23'59
	-2452 Apr 12 j 22:52	0°♈	
max. Earth dist.	-2452 May 04 j 16:40	14°♈41'42	2.57259 AU
asc. node	-2452 May 16 j 03:26	22°♈18'34	
	-2452 May 27 j 20:01	0°♉	
morning rise	-2452 May 28 j 10:20	0°♉23'25	
	-2452 Jul 13 j 12:43	0°♊	
	-2452 Aug 30 j 22:53	0°♋	
	-2452 Oct 21 j 00:22	0°♌	
	-2452 Dec 19 j 18:56	0°♍	
retrograde	-2451 Feb 08 j 10:22	12°♍10'47	
opposition	-2451 Mar 15 j 18:20	4°♍53'12	3°35'17
greatest brilliancy	-2451 Mar 16 j 21:51	4°♍28'49	-2.0m
min. Earth dist.	-2451 Mar 24 j 01:47	1°♍57'08	0.51763 AU
	-2451 Mar 30 j 00:44	30°℞♌	
direct	-2451 Apr 23 j 16:59	25°♌58'03	
	-2451 May 19 j 02:54	0°♍	
desc. node	-2451 May 28 j 02:18	3°♍01'49	
	-2451 Jul 18 j 10:46	0°♎	
	-2451 Aug 31 j 05:50	0°♏	
	-2451 Oct 10 j 14:44	0°♐	
	-2451 Nov 19 j 06:21	0°♑	
	-2451 Dec 29 j 13:24	0°♒	
	-2450 Feb 09 j 07:41	0°♓	
	-2450 Mar 24 j 21:50	0°♈	
evening set	-2450 Mar 30 j 07:18	3°♈37'40	
asc. node	-2450 Apr 03 j 01:02	6°♈07'53	
	-2450 May 09 j 05:43	0°♉	
conjunction	-2450 May 20 j 06:02	7°♉09'04	0°26'26
minimum elong	-2450 May 20 j 05:02	7°♉07'26	0°26'28
max. Earth dist.	-2450 May 31 j 17:10	14°♉33'01	2.64937 AU
	-2450 Jun 24 j 19:54	0°♊	
morning rise	-2450 Jul 06 j 16:40	7°♊33'26	
	-2450 Aug 11 j 02:14	0°♋	
	-2450 Sep 27 j 16:19	0°♌	
	-2450 Nov 14 j 20:44	0°♍	
	-2449 Jan 04 j 02:59	0°♎	
	-2449 Mar 04 j 21:30	0°♏	
desc. node	-2449 Apr 15 j 01:26	9°♏23'45	
retrograde	-2449 Apr 16 j 07:34	9°♏24'20	
opposition	-2449 May 17 j 07:31	4°♏07'29	-2°13'04
greatest brilliancy	-2449 May 17 j 16:24	4°♏01'14	-2.8m
min. Earth dist.	-2449 May 22 j 10:41	2°♏41'01	0.39531 AU
	-2449 Jun 02 j 06:03	30°℞♎	
direct	-2449 Jun 18 j 17:32	28°♎11'56	
	-2449 Jul 05 j 05:50	0°♏	
	-2449 Sep 07 j 15:58	0°♐	
	-2449 Oct 23 j 06:51	0°♑	
	-2449 Dec 05 j 22:46	0°♒	
	-2448 Jan 18 j 23:46	0°♓	
asc. node	-2448 Feb 18 j 23:35	20°♓40'06	
	-2448 Mar 04 j 04:06	0°♈	
	-2448 Apr 19 j 12:30	0°♉	
evening set	-2448 May 10 j 16:29	13°♉31'43	
	-2448 Jun 05 j 13:20	0°♊	
max. Earth dist.	-2448 Jun 23 j 15:29	11°♊30'59	2.67239 AU
conjunction	-2448 Jun 26 j 21:06	13°♊34'40	1°00'22
minimum elong	-2448 Jun 26 j 19:59	13°♊32'55	1°00'26
	-2448 Jul 22 j 13:34	0°♋	
morning rise	-2448 Aug 10 j 22:44	12°♋28'29	
	-2448 Sep 06 j 22:09	0°♌	
	-2448 Oct 22 j 07:59	0°♍	
	-2448 Dec 05 j 20:20	0°♎	
	-2447 Jan 18 j 18:35	0°♏	
desc. node	-2447 Mar 02 j 02:20	28°♏47'44	
	-2447 Mar 03 j 21:25	0°♐	
	-2447 Apr 19 j 17:13	0°♑	
retrograde	-2447 Jul 01 j 21:50	27°♑13'29	
min. Earth dist.	-2447 Jul 28 j 11:04	22°♑40'16	0.40663 AU
greatest brilliancy	-2447 Aug 02 j 20:42	21°♑02'11	-2.7m
opposition	-2447 Aug 04 j 06:14	20°♑36'34	-6°30'54
direct	-2447 Sep 03 j 21:22	15°♑01'45	
	-2447 Oct 27 j 23:33	0°♒	
	-2447 Dec 22 j 10:33	0°♓	
asc. node	-2446 Jan 05 j 22:17	8°♓36'05	
	-2446 Feb 10 j 04:06	0°♈	
	-2446 Mar 30 j 20:05	0°♉	
	-2446 May 18 j 00:25	0°♊	
evening set	-2446 Jun 18 j 00:18	19°♊33'38	
	-2446 Jul 04 j 08:29	0°♋	
max. Earth dist.	-2446 Jul 17 j 15:46	8°♋34'45	2.64129 AU
conjunction	-2446 Aug 03 j 07:00	19°♋25'18	1°10'21
minimum elong	-2446 Aug 03 j 07:13	19°♋25'38	1°10'24
	-2446 Aug 19 j 07:39	0°♌	
morning rise	-2446 Sep 18 j 02:31	20°♌02'46	
	-2446 Oct 02 j 14:36	0°♍	
	-2446 Nov 14 j 05:44	0°♎	
	-2446 Dec 25 j 11:15	0°♏	
desc. node	-2445 Jan 18 j 02:35	17°♏32'26	
	-2445 Feb 03 j 18:33	0°♐	
	-2445 Mar 15 j 21:57	0°♑	
	-2445 Apr 26 j 05:25	0°♒	
	-2445 Jun 10 j 19:20	0°♓	
retrograde	-2445 Aug 23 j 22:16	27°♓27'54	
min. Earth dist.	-2445 Sep 23 j 23:48	20°♓52'55	0.52958 AU
opposition	-2445 Oct 01 j 07:03	18°♓06'33	-2°26'52
greatest brilliancy	-2445 Sep 30 j 16:38	18°♓20'14	-2.0m
direct	-2445 Nov 05 j 07:52	10°♓21'59	
asc. node	-2445 Nov 23 j 20:58	12°♓24'32	
	-2444 Jan 10 j 19:17	0°♈	
	-2444 Mar 07 j 08:27	0°♉	
	-2444 Apr 27 j 08:24	0°♊	
	-2444 Jun 14 j 18:34	0°♋	
evening set	-2444 Jul 25 j 21:24	26°♋39'47	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2444 Jul 30 j 21:52	0°♌	
max. Earth dist.	-2444 Aug 13 j 13:07	9°♌09'58	2.55906 AU
conjunction	-2444 Sep 12 j 06:08	29°♌38'36	0°49'29
minimum elong	-2444 Sep 12 j 07:42	29°♌41'21	0°49'30
	-2444 Sep 12 j 18:20	0°♍	
	-2444 Oct 24 j 12:47	0°♎	
morning rise	-2444 Nov 02 j 03:58	6°♎22'01	
	-2444 Dec 03 j 15:25	0°♏	
desc. node	-2444 Dec 05 j 00:46	1°♏03'26	
	-2443 Jan 11 j 17:00	0°♐	
	-2443 Feb 19 j 11:59	0°♑	
	-2443 Mar 30 j 22:28	0°♒	
	-2443 May 11 j 05:09	0°♓	
	-2443 Jun 25 j 08:02	0°♈	
	-2443 Aug 20 j 22:08	0°♉	
retrograde	-2443 Oct 01 j 10:32	9°♉30'05	
asc. node	-2443 Oct 10 j 20:48	8°♉53'16	
min. Earth dist.	-2443 Nov 06 j 10:53	1°♉07'20	0.63010 AU
	-2443 Nov 09 j 06:13	30°℞♈	
opposition	-2443 Nov 10 j 09:44	29°♈32'27	1°12'48
greatest brilliancy	-2443 Nov 10 j 04:56	29°♈37'15	-1.5m
direct	-2443 Dec 18 j 21:24	20°♈28'17	
	-2442 Jan 31 j 22:43	0°♉	
	-2442 Apr 04 j 12:20	0°♊	
	-2442 May 25 j 21:58	0°♋	
	-2442 Jul 12 j 00:07	0°♌	
	-2442 Aug 24 j 22:41	0°♍	
evening set	-2442 Sep 08 j 10:50	10°♍19'23	
max. Earth dist.	-2442 Sep 24 j 16:05	22°♍06'18	2.43821 AU
	-2442 Oct 05 j 08:41	0°♎	
desc. node	-2442 Oct 22 j 22:48	13°♎11'59	
conjunction	-2442 Nov 02 j 13:30	21°♎16'30	-0°07'20
minimum elong	-2442 Nov 02 j 13:00	21°♎15'32	0°07'21
behind sun begin	-2442 Nov 01 j 14:30	20°♎32'33	
behind sun end	-2442 Nov 03 j 11:30	21°♎58'32	
	-2442 Nov 13 j 22:04	0°♏	
	-2442 Dec 22 j 09:41	0°♐	
morning rise	-2441 Jan 04 j 08:05	10°♐09'12	
	-2441 Jan 29 j 16:05	0°♑	
	-2441 Mar 09 j 14:19	0°♒	
	-2441 Apr 19 j 01:32	0°♓	
	-2441 Jun 01 j 00:03	0°♈	
	-2441 Jul 17 j 19:36	0°♉	
asc. node	-2441 Aug 28 j 20:52	23°♉26'43	
	-2441 Sep 11 j 16:08	0°♊	
retrograde	-2441 Nov 05 j 09:13	14°♊25'28	
opposition	-2441 Dec 15 j 09:08	4°♊43'12	3°34'05
greatest brilliancy	-2441 Dec 15 j 07:05	4°♊45'14	-1.3m
min. Earth dist.	-2441 Dec 15 j 05:13	4°♊47'06	0.67275 AU
	-2441 Dec 27 j 18:21	30°℞♉	
direct	-2440 Jan 24 j 22:57	24°♉56'24	
	-2440 Feb 24 j 21:48	0°♊	
	-2440 May 01 j 10:52	0°♋	
	-2440 Jun 20 j 13:09	0°♌	
	-2440 Aug 04 j 08:57	0°♍	
desc. node	-2440 Sep 08 j 21:39	25°♍32'06	
	-2440 Sep 14 j 22:15	0°♎	
	-2440 Oct 24 j 08:01	0°♏	
evening set	-2440 Nov 04 j 04:56	8°♏27'59	
	-2440 Dec 01 j 14:25	0°♐	
conjunction	-2439 Jan 08 j 13:47	29°♐54'05	-1°04'12
minimum elong	-2439 Jan 08 j 12:07	29°♐50'49	1°04'15
	-2439 Jan 08 j 16:49	0°♑	
	-2439 Feb 16 j 12:56	0°♒	
max. Earth dist.	-2439 Feb 23 j 14:02	5°♒20'07	2.39846 AU
morning rise	-2439 Mar 17 j 10:16	21°♒36'46	
	-2439 Mar 28 j 21:43	0°♓	
	-2439 May 10 j 09:53	0°♈	
	-2439 Jun 24 j 12:56	0°♉	
asc. node	-2439 Jul 15 j 19:38	13°♉27'39	
	-2439 Aug 12 j 03:06	0°♊	
	-2439 Oct 07 j 00:50	0°♋	
retrograde	-2439 Dec 10 j 00:56	18°♋06'24	
opposition	-2438 Jan 17 j 23:21	9°♋03'56	4°46'02
greatest brilliancy	-2438 Jan 18 j 12:23	8°♋51'10	-1.4m
min. Earth dist.	-2438 Jan 21 j 16:07	7°♋37'02	0.65107 AU
	-2438 Feb 16 j 03:21	30°℞♊	
direct	-2438 Feb 28 j 06:42	29°♊02'56	
	-2438 Mar 12 j 21:11	0°♋	
	-2438 May 26 j 09:56	0°♌	
	-2438 Jul 13 j 15:10	0°♍	
desc. node	-2438 Jul 27 j 19:55	9°♍41'33	
	-2438 Aug 25 j 05:52	0°♎	
	-2438 Oct 04 j 00:32	0°♏	
	-2438 Nov 11 j 11:07	0°♐	
	-2438 Dec 19 j 17:38	0°♑	
evening set	-2437 Jan 12 j 17:29	18°♑32'17	
	-2437 Jan 27 j 19:20	0°♒	
	-2437 Mar 09 j 10:26	0°♓	
conjunction	-2437 Mar 15 j 22:14	4°♓39'48	-0°44'03
minimum elong	-2437 Mar 16 j 00:31	4°♓43'54	0°44'02
	-2437 Apr 21 j 02:09	0°♈	
max. Earth dist.	-2437 Apr 22 j 18:47	1°♈09'38	2.52884 AU
morning rise	-2437 May 12 j 00:30	14°♈11'29	
asc. node	-2437 Jun 02 j 18:54	28°♈37'01	
	-2437 Jun 04 j 21:37	0°♉	
	-2437 Jul 21 j 19:52	0°♊	
	-2437 Sep 09 j 04:17	0°♋	
	-2437 Nov 02 j 09:50	0°♌	
retrograde	-2436 Jan 20 j 17:58	25°♌23'14	
opposition	-2436 Feb 26 j 10:12	17°♌27'59	4°26'08
greatest brilliancy	-2436 Feb 27 j 14:07	17°♌02'07	-1.8m
min. Earth dist.	-2436 Mar 04 j 18:19	14°♌45'20	0.56554 AU
direct	-2436 Apr 06 j 14:39	7°♌57'31	
	-2436 Jun 12 j 19:51	0°♍	
desc. node	-2436 Jun 13 j 18:25	0°♍30'59	
	-2436 Jul 30 j 18:43	0°♎	
	-2436 Sep 10 j 09:19	0°♏	
	-2436 Oct 19 j 19:04	0°♐	
	-2436 Nov 27 j 19:23	0°♑	
	-2435 Jan 06 j 13:54	0°♒	
	-2435 Feb 16 j 21:11	0°♓	
evening set	-2435 Mar 11 j 10:56	15°♓50'25	
	-2435 Apr 01 j 02:23	0°♈	
asc. node	-2435 Apr 19 j 17:21	12°♈32'03	
conjunction	-2435 May 03 j 19:40	21°♈53'12	0°08'12
minimum elong	-2435 May 03 j 19:18	21°♈52'35	0°08'14
behind sun begin	-2435 May 03 j 00:57	21°♈22'20	
behind sun end	-2435 May 04 j 13:39	22°♈22'50	
	-2435 May 16 j 04:14	0°♉	
max. Earth dist.	-2435 May 22 j 00:02	3°♉47'57	2.62557 AU
morning rise	-2435 Jun 22 j 02:06	23°♉50'56	
	-2435 Jul 01 j 17:24	0°♊	
	-2435 Aug 18 j 06:57	0°♋	
	-2435 Oct 05 j 19:11	0°♌	
	-2435 Nov 25 j 07:05	0°♍	
	-2434 Jan 22 j 03:16	0°♎	
retrograde	-2434 Mar 17 j 23:50	14°♎12'29	
opposition	-2434 Apr 19 j 14:57	8°♎08'46	0°45'50

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

greatest brilliancy	-2434 Apr 19 j 21:42	8°♎03'26	-2.5m
min. Earth dist.	-2434 Apr 27 j 11:46	5°♎40'31	0.43728 AU
desc. node	-2434 May 01 j 19:04	4°♎24'51	
direct	-2434 May 25 j 03:08	0°♎51'08	
	-2434 Aug 09 j 04:27	0°♏	
	-2434 Sep 22 j 22:47	0°♐	
	-2434 Nov 03 j 18:07	0°♑	
	-2434 Dec 15 j 12:01	0°♒	
	-2433 Jan 27 j 08:07	0°♓	
asc. node	-2433 Mar 07 j 14:23	26°♓35'17	
	-2433 Mar 12 j 17:27	0°♈	
evening set	-2433 Apr 26 j 00:28	28°♈59'40	
	-2433 Apr 27 j 13:49	0°♉	
conjunction	-2433 Jun 13 j 07:23	29°♉57'39	0°49'46
minimum elong	-2433 Jun 13 j 06:06	29°♉55'35	0°49'48
	-2433 Jun 13 j 08:52	0°♊	
max. Earth dist.	-2433 Jun 15 j 10:34	1°♊19'15	2.66993 AU
morning rise	-2433 Jul 28 j 22:21	29°♊03'28	
	-2433 Jul 30 j 09:44	0°♋	
	-2433 Sep 15 j 02:44	0°♌	
	-2433 Oct 31 j 07:30	0°♍	
	-2433 Dec 16 j 05:41	0°♎	
	-2432 Jan 31 j 14:59	0°♏	
desc. node	-2432 Mar 18 j 19:10	28°♏48'36	
	-2432 Mar 20 j 21:23	0°♐	
retrograde	-2432 Jun 03 j 21:28	26°♐51'23	
min. Earth dist.	-2432 Jul 02 j 00:36	22°♐17'47	0.37895 AU
opposition	-2432 Jul 04 j 23:24	21°♐29'42	-6°22'39
greatest brilliancy	-2432 Jul 04 j 07:27	21°♐40'32	-2.9m
direct	-2432 Aug 03 j 15:44	16°♐30'40	
	-2432 Sep 22 j 14:17	0°♑	
	-2432 Nov 15 j 17:08	0°♒	
	-2431 Jan 02 j 16:01	0°♓	
asc. node	-2431 Jan 22 j 13:03	12°♓37'48	
	-2431 Feb 18 j 21:28	0°♈	
	-2431 Apr 07 j 09:19	0°♉	
	-2431 May 25 j 00:11	0°♊	
evening set	-2431 Jun 03 j 07:55	5°♊53'37	
max. Earth dist.	-2431 Jul 08 j 06:18	28°♊08'33	2.65975 AU
	-2431 Jul 11 j 03:43	0°♋	
conjunction	-2431 Jul 19 j 15:30	5°♋28'08	1°09'44
minimum elong	-2431 Jul 19 j 15:06	5°♋27'30	1°09'47
	-2431 Aug 26 j 05:06	0°♌	
morning rise	-2431 Sep 02 j 18:16	5°♌00'12	
	-2431 Oct 09 j 20:21	0°♍	
	-2431 Nov 22 j 01:05	0°♎	
	-2430 Jan 03 j 00:51	0°♏	
desc. node	-2430 Feb 03 j 18:28	23°♏04'02	
	-2430 Feb 13 j 06:22	0°♐	
	-2430 Mar 26 j 15:09	0°♑	
	-2430 May 09 j 04:50	0°♒	
	-2430 Jul 03 j 05:51	0°♓	
retrograde	-2430 Aug 05 j 14:17	7°♓06'46	
min. Earth dist.	-2430 Sep 03 j 12:36	1°♓23'20	0.47952 AU
	-2430 Sep 07 j 10:08	30°℞♒	
greatest brilliancy	-2430 Sep 10 j 10:30	28°♒54'36	-2.3m
opposition	-2430 Sep 11 j 12:59	28°♒30'48	-4°12'05
direct	-2430 Oct 14 j 19:52	21°♒32'19	
	-2430 Nov 23 j 15:00	0°♓	
asc. node	-2430 Dec 10 j 13:05	7°♓02'09	
	-2429 Jan 24 j 09:22	0°♈	
	-2429 Mar 17 j 08:38	0°♉	
	-2429 May 05 j 22:12	0°♊	
	-2429 Jun 22 j 19:31	0°♋	
evening set	-2429 Jul 11 j 10:36	11°♋59'23	
max. Earth dist.	-2429 Aug 02 j 20:31	26°♋41'32	2.59691 AU
	-2429 Aug 07 j 19:56	0°♌	
conjunction	-2429 Aug 27 j 13:30	13°♌17'15	1°01'45
minimum elong	-2429 Aug 27 j 14:41	13°♌19'16	1°01'47
	-2429 Sep 20 j 19:31	0°♍	
morning rise	-2429 Oct 14 j 18:56	16°♍56'58	
	-2429 Nov 01 j 20:35	0°♎	
	-2429 Dec 12 j 07:46	0°♏	
desc. node	-2429 Dec 22 j 17:41	7°♏52'04	
	-2428 Jan 20 j 18:14	0°♐	
	-2428 Feb 28 j 21:59	0°♑	
	-2428 Apr 08 j 18:55	0°♒	
	-2428 May 20 j 21:06	0°♓	
	-2428 Jul 07 j 14:12	0°♈	
retrograde	-2428 Sep 16 j 23:34	24°♈36'11	
min. Earth dist.	-2428 Oct 21 j 04:59	16°♈50'58	0.59696 AU
opposition	-2428 Oct 26 j 13:43	14°♈43'33	-0°02'24
greatest brilliancy	-2428 May 23 j 06:35	1°♓37'41	0.4m
asc. node	-2428 Oct 27 j 12:22	14°♈21'12	
direct	-2428 Dec 02 j 21:17	6°♈04'59	
	-2427 Feb 17 j 06:34	0°♉	
	-2427 Apr 13 j 17:33	0°♊	
	-2427 Jun 02 j 14:26	0°♋	
	-2427 Jul 19 j 05:05	0°♌	
evening set	-2427 Aug 21 j 00:16	22°♌15'50	
	-2427 Sep 01 j 01:55	0°♍	
max. Earth dist.	-2427 Sep 05 j 00:24	2°♍46'44	2.48832 AU
conjunction	-2427 Oct 11 j 18:42	29°♍23'22	0°18'38
minimum elong	-2427 Oct 11 j 19:44	29°♍25'16	0°18'38
	-2427 Oct 12 j 14:31	0°♎	
desc. node	-2427 Nov 08 j 16:00	20°♎18'44	
	-2427 Nov 21 j 08:21	0°♏	
morning rise	-2427 Dec 08 j 03:52	12°♏58'42	
	-2427 Dec 30 j 00:23	0°♐	
	-2426 Feb 06 j 10:17	0°♑	
	-2426 Mar 17 j 11:18	0°♒	
	-2426 Apr 27 j 02:20	0°♓	
	-2426 Jun 09 j 11:49	0°♈	
	-2426 Jul 27 j 23:13	0°♉	
asc. node	-2426 Sep 14 j 11:32	23°♉26'42	
	-2426 Oct 07 j 16:55	0°♊	
retrograde	-2426 Oct 22 j 23:34	1°♊25'56	
	-2426 Nov 06 j 13:54	30°℞♉	
min. Earth dist.	-2426 Nov 30 j 11:06	22°♉13'51	0.66366 AU
opposition	-2426 Dec 02 j 02:41	21°♉34'07	2°47'44
greatest brilliancy	-2426 Dec 01 j 21:30	21°♉39'20	-1.4m
direct	-2425 Jan 11 j 00:36	12°♉00'26	
	-2425 Mar 16 j 10:01	0°♊	
	-2425 May 12 j 00:53	0°♋	
	-2425 Jun 29 j 13:00	0°♌	
	-2425 Aug 12 j 21:47	0°♍	
	-2425 Sep 23 j 08:32	0°♎	
desc. node	-2425 Sep 26 j 14:03	2°♎24'32	
evening set	-2425 Oct 11 j 15:47	13°♎46'27	
	-2425 Nov 01 j 18:58	0°♏	
max. Earth dist.	-2425 Dec 01 j 19:39	23°♏28'11	2.37588 AU
	-2425 Dec 10 j 02:40	0°♐	
conjunction	-2425 Dec 12 j 10:29	1°♐49'59	-0°48'29
minimum elong	-2425 Dec 12 j 07:25	1°♐43'56	0°48'30
	-2424 Jan 17 j 05:47	0°♑	
morning rise	-2424 Feb 19 j 03:25	25°♑28'48	
	-2424 Feb 25 j 01:43	0°♒	
	-2424 Apr 05 j 09:50	0°♓	
	-2424 May 17 j 23:10	0°♈	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2424 Jul 02 j 10:59	0°♉	
asc. node	-2424 Aug 01 j 11:32	18°♉26'56	
	-2424 Aug 21 j 12:34	0°♊	
	-2424 Oct 26 j 05:32	0°♋	
retrograde	-2424 Nov 25 j 18:52	5°♋02'19	
	-2424 Dec 23 j 20:25	30℞♊	
opposition	-2423 Jan 04 j 06:37	25°♊41'30	4°26'39
greatest brilliancy	-2423 Jan 04 j 12:56	25°♊35'14	-1.3m
min. Earth dist.	-2423 Jan 06 j 11:06	24°♊49'34	0.66748 AU
direct	-2423 Feb 14 j 11:35	15°♊42'13	
	-2423 Apr 10 j 17:23	0°♋	
	-2423 Jun 05 j 23:06	0°♌	
	-2423 Jul 22 j 07:11	0°♍	
desc. node	-2423 Aug 13 j 13:39	15°♍36'31	
	-2423 Sep 02 j 08:01	0°♎	
	-2423 Oct 11 j 21:20	0°♏	
	-2423 Nov 19 j 04:51	0°♐	
evening set	-2423 Dec 16 j 17:38	21°♐41'01	
	-2423 Dec 27 j 08:24	0°♑	
	-2422 Feb 04 j 06:41	0°♒	
conjunction	-2422 Feb 20 j 02:47	11°♒54'14	-1°00'00
minimum elong	-2422 Feb 20 j 04:59	11°♒58'21	1°00'02
	-2422 Mar 16 j 17:58	0°♓	
max. Earth dist.	-2422 Apr 06 j 22:42	15°♓08'53	2.47916 AU
morning rise	-2422 Apr 22 j 14:32	26°♓05'19	
	-2422 Apr 28 j 06:42	0°♈	
	-2422 Jun 12 j 02:33	0°♉	
asc. node	-2422 Jun 19 j 10:11	4°♉44'58	
	-2422 Jul 29 j 10:20	0°♊	
	-2422 Sep 18 j 05:47	0°♋	
	-2422 Nov 18 j 09:34	0°♌	
retrograde	-2421 Jan 03 j 07:51	10°♌14'46	
opposition	-2421 Feb 10 j 01:36	1°♌48'47	4°48'29
greatest brilliancy	-2421 Feb 11 j 01:00	1°♌26'29	-1.6m
	-2421 Feb 14 j 19:43	30℞♋	
min. Earth dist.	-2421 Feb 16 j 01:48	29°♋31'37	0.60646 AU
direct	-2421 Mar 22 j 23:54	21°♋58'17	
	-2421 Apr 30 j 08:14	0°♌	
	-2421 Jun 27 j 05:52	0°♍	
desc. node	-2421 Jul 01 j 12:30	2°♍40'57	
	-2421 Aug 10 j 22:12	0°♎	
	-2421 Sep 20 j 11:55	0°♏	
	-2421 Oct 29 j 08:43	0°♐	
	-2421 Dec 06 j 23:12	0°♑	
	-2420 Jan 15 j 08:47	0°♒	
evening set	-2420 Feb 19 j 13:15	25°♒51'29	
	-2420 Feb 25 j 07:37	0°♓	
	-2420 Apr 08 j 05:43	0°♈	
conjunction	-2420 Apr 16 j 00:22	5°♈17'20	-0°11'57
minimum elong	-2420 Apr 16 j 00:58	5°♈18'22	0°11'57
behind sun begin	-2420 Apr 15 j 10:07	4°♈53'12	
behind sun end	-2420 Apr 16 j 15:50	5°♈43'31	
asc. node	-2420 May 06 j 08:16	18°♈55'26	
max. Earth dist.	-2420 May 11 j 10:23	22°♈17'48	2.59364 AU
	-2420 May 23 j 03:16	0°♉	
morning rise	-2420 Jun 06 j 18:01	9°♉30'56	
	-2420 Jul 08 j 17:31	0°♊	
	-2420 Aug 25 j 18:07	0°♋	
	-2420 Oct 14 j 15:19	0°♌	
	-2420 Dec 08 j 09:28	0°♍	
retrograde	-2419 Feb 20 j 23:43	23°♍11'14	
opposition	-2419 Mar 27 j 09:21	16°♍18'14	2°48'08
greatest brilliancy	-2419 Mar 28 j 08:44	15°♍58'13	-2.2m
min. Earth dist.	-2419 Apr 04 j 21:32	13°♍23'51	0.48894 AU
direct	-2419 May 04 j 08:30	7°♍51'25	
desc. node	-2419 May 18 j 11:03	9°♍11'24	
	-2419 Jul 08 j 12:35	0°♎	
	-2419 Aug 24 j 01:45	0°♏	
	-2419 Oct 04 j 09:52	0°♐	
	-2419 Nov 13 j 14:20	0°♑	
	-2419 Dec 24 j 06:35	0°♒	
	-2418 Feb 04 j 07:35	0°♓	
	-2418 Mar 20 j 02:45	0°♈	
asc. node	-2418 Mar 24 j 07:04	2°♈48'07	
evening set	-2418 Apr 09 j 08:28	13°♈28'46	
	-2418 May 04 j 13:38	0°♉	
conjunction	-2418 May 29 j 05:17	15°♉55'44	0°35'51
minimum elong	-2418 May 29 j 04:05	15°♉53'48	0°35'53
max. Earth dist.	-2418 Jun 06 j 06:42	21°♉06'02	2.65891 AU
	-2418 Jun 20 j 04:40	0°♊	
morning rise	-2418 Jul 14 j 21:14	15°♊43'41	
	-2418 Aug 06 j 08:11	0°♋	
	-2418 Sep 22 j 13:20	0°♌	
	-2418 Nov 08 j 21:06	0°♍	
	-2418 Dec 27 j 01:37	0°♎	
	-2417 Feb 16 j 18:25	0°♏	
desc. node	-2417 Apr 05 j 11:21	21°♏10'54	
retrograde	-2417 May 04 j 09:28	25°♏58'14	
opposition	-2417 Jun 03 j 17:27	20°♏56'19	-4°03'42
greatest brilliancy	-2417 Jun 04 j 00:14	20°♏51'46	-2.9m
min. Earth dist.	-2417 Jun 06 j 07:12	20°♏14'50	0.38095 AU
direct	-2417 Jul 04 j 17:02	15°♏37'19	
	-2417 Aug 24 j 06:40	0°♐	
	-2417 Oct 14 j 17:16	0°♑	
	-2417 Nov 29 j 06:43	0°♒	
	-2416 Jan 13 j 06:57	0°♓	
asc. node	-2416 Feb 09 j 05:29	17°♓44'43	
	-2416 Feb 28 j 00:48	0°♈	
	-2416 Apr 14 j 17:00	0°♉	
evening set	-2416 May 19 j 09:58	22°♉03'56	
	-2416 May 31 j 21:57	0°♊	
max. Earth dist.	-2416 Jun 29 j 00:25	17°♊52'54	2.67011 AU
conjunction	-2416 Jul 05 j 04:27	21°♊49'20	1°04'55
minimum elong	-2416 Jul 05 j 03:33	21°♊47'53	1°04'59
	-2416 Jul 17 j 22:51	0°♋	
morning rise	-2416 Aug 19 j 03:27	20°♋48'49	
	-2416 Sep 02 j 04:31	0°♌	
	-2416 Oct 17 j 07:11	0°♍	
	-2416 Nov 30 j 06:40	0°♎	
	-2415 Jan 12 j 09:02	0°♏	
desc. node	-2415 Feb 20 j 11:48	27°♏27'29	
	-2415 Feb 24 j 02:59	0°♐	
	-2415 Apr 08 j 23:08	0°♑	
	-2415 May 29 j 16:05	0°♒	
retrograde	-2415 Jul 15 j 11:37	13°♒04'48	
min. Earth dist.	-2415 Aug 11 j 13:53	8°♒11'07	0.43006 AU
greatest brilliancy	-2415 Aug 17 j 20:24	6°♒08'38	-2.5m
opposition	-2415 Aug 19 j 06:57	5°♒40'16	-5°51'58
	-2415 Sep 12 j 02:08	30℞♑	
direct	-2415 Sep 19 j 19:34	29°♑35'39	
	-2415 Sep 27 j 16:23	0°♒	
	-2415 Dec 13 j 22:11	0°♓	
asc. node	-2415 Dec 27 j 04:13	7°♓20'59	
	-2414 Feb 04 j 00:53	0°♈	
	-2414 Mar 25 j 14:40	0°♉	
	-2414 May 13 j 05:11	0°♊	
evening set	-2414 Jun 26 j 11:30	27°♊55'11	
	-2414 Jun 29 j 17:31	0°♋	
max. Earth dist.	-2414 Jul 23 j 10:10	15°♋19'06	2.62746 AU

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

conjunction	-2414 Aug 11 j 22:21	28°♋09'12	1°08'37
minimum elong	-2414 Aug 11 j 22:56	28°♋10'11	1°08'40
	-2414 Aug 14 j 17:03	0°♌	
morning rise	-2414 Sep 27 j 09:51	29°♌39'56	
	-2414 Sep 27 j 21:25	0°♍	
	-2414 Nov 09 j 07:16	0°♎	
	-2414 Dec 20 j 05:48	0°♏	
desc. node	-2413 Jan 08 j 10:10	14°♏20'28	
	-2413 Jan 29 j 04:42	0°♐	
	-2413 Mar 09 j 21:45	0°♑	
	-2413 Apr 19 j 12:39	0°♒	
	-2413 Jun 02 j 05:42	0°♓	
	-2413 Jul 27 j 15:03	0°♈	
retrograde	-2413 Sep 02 j 10:45	8°♈09'15	
min. Earth dist.	-2413 Oct 04 j 16:06	1°♈07'48	0.55541 AU
	-2413 Oct 07 j 14:31	30°♓℞	
opposition	-2413 Oct 11 j 08:24	28°♓32'42	-1°30'37
greatest brilliancy	-2413 Oct 11 j 00:13	28°♓40'38	-1.9m
asc. node	-2413 Nov 14 j 03:49	20°♓28'24	
direct	-2413 Nov 16 j 06:35	20°♓26'40	
	-2413 Dec 29 j 17:05	0°♈	
	-2412 Feb 29 j 20:58	0°♉	
	-2412 Apr 22 j 02:21	0°♊	
	-2412 Jun 09 j 23:31	0°♋	
	-2412 Jul 26 j 06:50	0°♌	
evening set	-2412 Aug 04 j 01:06	5°♌51'45	
max. Earth dist.	-2412 Aug 20 j 21:33	17°♌19'10	2.53525 AU
	-2412 Sep 08 j 03:47	0°♍	
conjunction	-2412 Sep 22 j 09:41	10°♍05'31	0°39'52
minimum elong	-2412 Sep 22 j 11:16	10°♍08'21	0°39'52
	-2412 Oct 19 j 20:11	0°♎	
morning rise	-2412 Nov 14 j 07:17	18°♎59'18	
desc. node	-2412 Nov 25 j 09:31	27°♎23'42	
	-2412 Nov 28 j 19:34	0°♏	
	-2411 Jan 06 j 17:20	0°♐	
	-2411 Feb 14 j 08:16	0°♑	
	-2411 Mar 25 j 14:11	0°♒	
	-2411 May 05 j 12:53	0°♓	
	-2411 Jun 18 j 18:38	0°♈	
	-2411 Aug 09 j 17:14	0°♉	
asc. node	-2411 Oct 01 j 03:10	17°♉32'08	
retrograde	-2411 Oct 09 j 10:16	17°♉58'49	
min. Earth dist.	-2411 Nov 15 j 09:11	9°♉17'02	0.64482 AU
opposition	-2411 Nov 18 j 12:09	8°♉01'51	1°50'55
greatest brilliancy	-2411 Nov 18 j 06:15	8°♉07'45	-1.5m
	-2411 Dec 13 j 17:47	30°♉℞	
direct	-2411 Dec 27 j 13:23	28°♈45'47	
	-2410 Jan 11 j 02:22	0°♉	
	-2410 Mar 28 j 18:58	0°♊	
	-2410 May 20 j 14:31	0°♋	
	-2410 Jul 07 j 03:40	0°♌	
	-2410 Aug 20 j 06:15	0°♍	
evening set	-2410 Sep 19 j 17:19	21°♍53'19	
	-2410 Sep 30 j 16:54	0°♎	
max. Earth dist.	-2410 Oct 10 j 03:40	7°♎03'41	2.41158 AU
desc. node	-2410 Oct 13 j 08:32	9°♎28'21	
	-2410 Nov 09 j 05:29	0°♏	
conjunction	-2410 Nov 16 j 01:59	5°♏18'31	-0°22'59
minimum elong	-2410 Nov 16 j 00:18	5°♏15'16	0°23'00
	-2410 Dec 17 j 15:32	0°♐	
morning rise	-2409 Jan 20 j 17:09	26°♐46'27	
	-2409 Jan 24 j 20:05	0°♑	
	-2409 Mar 04 j 16:31	0°♒	
	-2409 Apr 14 j 01:12	0°♓	
	-2409 May 26 j 18:08	0°♈	
	-2409 Jul 11 j 21:29	0°♉	
asc. node	-2409 Aug 19 j 01:51	22°♉19'45	
	-2409 Sep 02 j 16:05	0°♊	
retrograde	-2409 Nov 13 j 02:59	22°♊14'18	
opposition	-2409 Dec 22 j 23:52	12°♊38'48	3°56'25
greatest brilliancy	-2409 Dec 23 j 00:27	12°♊38'13	-1.3m
min. Earth dist.	-2409 Dec 23 j 16:21	12°♊22'22	0.67373 AU
direct	-2408 Feb 01 j 20:34	2°♊46'17	
	-2408 Apr 24 j 09:16	0°♋	
	-2408 Jun 15 j 01:22	0°♌	
	-2408 Jul 30 j 08:43	0°♍	
desc. node	-2408 Aug 30 j 06:39	22°♍02'09	
	-2408 Sep 10 j 02:03	0°♎	
	-2408 Oct 19 j 13:19	0°♏	
evening set	-2408 Nov 19 j 02:53	23°♏54'54	
	-2408 Nov 26 j 20:08	0°♐	
	-2407 Jan 03 j 22:32	0°♑	
conjunction	-2407 Jan 24 j 09:19	15°♑54'23	-1°06'38
minimum elong	-2407 Jan 24 j 09:21	15°♑54'27	1°06'40
	-2407 Feb 11 j 18:44	0°♒	
max. Earth dist.	-2407 Mar 15 j 14:58	23°♒47'13	2.42585 AU
	-2407 Mar 24 j 03:18	0°♓	
morning rise	-2407 Mar 31 j 09:07	5°♓14'05	
	-2407 May 05 j 14:05	0°♈	
	-2407 Jun 19 j 12:29	0°♉	
asc. node	-2407 Jul 06 j 01:42	10°♉36'00	
	-2407 Aug 06 j 11:33	0°♊	
	-2407 Sep 28 j 18:54	0°♋	
retrograde	-2407 Dec 18 j 13:12	26°♋14'38	
opposition	-2406 Jan 26 j 02:56	17°♋23'51	4°51'12
greatest brilliancy	-2406 Jan 26 j 19:52	17°♋07'25	-1.4m
min. Earth dist.	-2406 Jan 30 j 16:11	15°♋37'51	0.63790 AU
direct	-2406 Mar 08 j 09:24	7°♋24'15	
	-2406 May 18 j 10:48	0°♌	
	-2406 Jul 07 j 17:01	0°♍	
desc. node	-2406 Jul 18 j 04:49	6°♍59'58	
	-2406 Aug 19 j 21:35	0°♎	
	-2406 Sep 28 j 21:57	0°♏	
	-2406 Nov 06 j 11:30	0°♐	
	-2406 Dec 14 j 20:02	0°♑	
	-2405 Jan 22 j 23:41	0°♒	
evening set	-2405 Jan 27 j 02:27	3°♒05'37	
	-2405 Mar 04 j 16:33	0°♓	
conjunction	-2405 Mar 28 j 04:56	16°♓42'12	-0°32'45
minimum elong	-2405 Mar 28 j 06:42	16°♓45'19	0°32'44
	-2405 Apr 16 j 09:22	0°♈	
max. Earth dist.	-2405 Apr 30 j 09:50	9°♈32'18	2.55388 AU
morning rise	-2405 May 22 j 04:08	24°♈04'21	
asc. node	-2405 May 24 j 01:08	25°♈18'39	
	-2405 May 31 j 04:19	0°♉	
	-2405 Jul 16 j 21:58	0°♊	
	-2405 Sep 03 j 15:24	0°♋	
	-2405 Oct 25 j 18:02	0°♌	
	-2405 Dec 31 j 10:31	0°♍	
retrograde	-2404 Jan 31 j 14:38	5°♍08'36	
	-2404 Feb 29 j 13:25	30°♌℞	
opposition	-2404 Mar 07 j 13:44	27°♌33'13	4°00'38
greatest brilliancy	-2404 Mar 08 j 18:12	27°♌07'26	-1.9m
min. Earth dist.	-2404 Mar 15 j 12:15	24°♌41'06	0.53988 AU
direct	-2404 Apr 16 j 03:54	18°♌19'46	
	-2404 Jun 01 j 00:25	0°♍	
desc. node	-2404 Jun 04 j 04:05	1°♍26'50	
	-2404 Jul 23 j 14:17	0°♎	
	-2404 Sep 04 j 06:56	0°♏	
	-2404 Oct 14 j 04:26	0°♐	

Attention, astronomical year style is used: The year -2899 in astronomical counting style is the year 2900 BCE in historical counting style.

	-2404 Nov 22 j 11:55	0°♌	-2399 Dec 28 j 13:03 0°♏
	-2403 Jan 01 j 12:02	0°♒	
	-2403 Feb 11 j 23:52	0°♓	
evening set	-2403 Mar 22 j 09:52	26°♓38'38	
	-2403 Mar 27 j 08:35	0°♈	
asc. node	-2403 Apr 09 j 22:36	9°♈08'23	
	-2403 May 11 j 12:35	0°♉	
conjunction	-2403 May 13 j 08:42	1°♉11'58	0°19'03
minimum elong	-2403 May 13 j 07:54	1°♉10'41	0°19'04
max. Earth dist.	-2403 May 27 j 19:55	10°♉35'34	2.63977 AU
	-2403 Jun 27 j 01:29	0°♊	
morning rise	-2403 Jun 30 j 13:12	2°♊13'24	
	-2403 Aug 13 j 10:09	0°♋	
	-2403 Sep 30 j 08:43	0°♌	
	-2403 Nov 18 j 09:25	0°♍	
	-2402 Jan 09 j 22:26	0°♎	
retrograde	-2402 Apr 02 j 22:32	28°♎18'19	
desc. node	-2402 Apr 22 j 03:24	26°♎04'19	
opposition	-2402 May 04 j 15:53	22°♎42'03	-0°50'03
greatest brilliancy	-2402 May 04 j 20:41	22°♎38'29	-2.7m
min. Earth dist.	-2402 May 11 j 08:10	20°♎43'49	0.41217 AU
direct	-2402 Jun 07 j 11:15	16°♎10'12	
	-2402 Jul 26 j 08:28	0°♏	
	-2402 Sep 14 j 11:35	0°♐	
	-2402 Oct 27 j 23:28	0°♑	
	-2402 Dec 09 j 14:48	0°♒	
	-2401 Jan 22 j 00:30	0°♓	
asc. node	-2401 Feb 25 j 20:54	23°♓26'36	
	-2401 Mar 07 j 18:37	0°♈	
	-2401 Apr 22 j 20:30	0°♉	
evening set	-2401 May 05 j 02:03	7°♉51'19	
	-2401 Jun 08 j 18:19	0°♊	
conjunction	-2401 Jun 21 j 17:02	8°♊14'58	0°56'21
minimum elong	-2401 Jun 21 j 15:48	8°♊13'02	0°56'24
max. Earth dist.	-2401 Jun 20 j 19:01	7°♊39'55	2.67233 AU
	-2401 Jul 25 j 18:41	0°♋	
morning rise	-2401 Aug 05 j 23:17	7°♋10'36	
	-2401 Sep 10 j 07:06	0°♌	
	-2401 Oct 26 j 01:03	0°♍	
	-2401 Dec 10 j 02:54	0°♎	
	-2400 Jan 23 j 23:04	0°♏	
desc. node	-2400 Mar 09 j 03:48	29°♏40'07	
	-2400 Mar 09 j 16:16	0°♐	
	-2400 Apr 30 j 03:39	0°♑	
retrograde	-2400 Jun 20 j 09:03	14°♑46'19	
min. Earth dist.	-2400 Jul 17 j 03:13	10°♑20'22	0.39127 AU
greatest brilliancy	-2400 Jul 21 j 09:26	9°♑07'21	-2.8m
opposition	-2400 Jul 22 j 13:29	8°♑47'11	-6°42'52
direct	-2400 Aug 21 j 13:54	3°♑33'01	
	-2400 Nov 05 j 16:09	0°♒	
	-2400 Dec 26 j 20:14	0°♓	
asc. node	-2399 Jan 12 j 19:54	10°♓27'04	
	-2399 Feb 13 j 07:03	0°♈	
	-2399 Apr 02 j 09:11	0°♉	
	-2399 May 20 j 07:15	0°♊	
evening set	-2399 Jun 11 j 18:05	14°♊10'32	
	-2399 Jul 06 j 13:32	0°♋	
max. Earth dist.	-2399 Jul 13 j 18:44	4°♋38'31	2.65062 AU
conjunction	-2399 Jul 27 j 23:35	13°♋50'27	1°10'36
minimum elong	-2399 Jul 27 j 23:31	13°♋50'21	1°10'40
	-2399 Aug 21 j 14:23	0°♌	
morning rise	-2399 Sep 11 j 09:52	13°♌54'04	
	-2399 Oct 05 j 01:48	0°♍	
	-2399 Nov 16 j 23:26	0°♎	