Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

conjunction	-1899 Apr 25 j 15:16	18°♈06'58	-0°01'30
minimum elong	-1899 Apr 25 j 15:21	18°♈07'06	0°01'29
behind sun begin	-1899 Apr 24 j 17:21	17°♈30'03	
behind sun end	-1899 Apr 26 j 13:22	18°♈44'07	
asc. node	-1899 Apr 28 j 02:55	19°♈47'16	
	-1899 May 13 j 10:19	0°♉	
max. Earth dist.	-1899 May 19 j 11:12	3°♉59'26	2.60045 AU
morning rise	-1899 Jun 15 j 18:44	21°♉48'16	
	-1899 Jun 28 j 12:40	0°♊	
	-1899 Aug 15 j 01:01	0°♋	
	-1899 Oct 03 j 00:16	0°♌	
	-1899 Nov 23 j 21:14	0°♍	
	-1898 Jan 27 j 18:56	0°♎	
retrograde	-1898 Mar 03 j 04:36	6°♎11'30	
	-1898 Apr 04 j 15:27	30°℞♍	
opposition	-1898 Apr 06 j 07:34	29°♍26'13	1°59'23
greatest brilliancy	-1898 Apr 07 j 00:45	29°♍11'39	-2.3m
min. Earth dist.	-1898 Apr 14 j 18:37	26°♍34'47	0.47961 AU
desc. node	-1898 May 12 j 04:34	21°♍10'47	
direct	-1898 May 13 j 20:03	21°♍09'39	
	-1898 Jun 21 j 06:14	0°♎	
	-1898 Aug 13 j 18:48	0°♏	
	-1898 Sep 25 j 13:54	0°♐	
	-1898 Nov 05 j 02:57	0°♑	
	-1898 Dec 15 j 16:08	0°♒	
	-1897 Jan 26 j 08:15	0°♓	
	-1897 Mar 10 j 16:10	0°♈	
asc. node	-1897 Mar 16 j 01:54	3°♈39'26	
evening set	-1897 Apr 18 j 17:31	26°♈04'07	
	-1897 Apr 24 j 17:16	0°♉	
conjunction	-1897 Jun 07 j 04:35	28°♉08'43	0°43'56
minimum elong	-1897 Jun 07 j 03:16	28°♉06'37	0°43'57
	-1897 Jun 10 j 02:02	0°♊	
max. Earth dist.	-1897 Jun 14 j 07:13	2°♊41'57	2.66193 AU
morning rise	-1897 Jul 23 j 12:28	27°♊42'15	
	-1897 Jul 27 j 03:05	0°♋	
	-1897 Sep 12 j 06:52	0°♌	
	-1897 Oct 29 j 08:49	0°♍	
	-1897 Dec 15 j 18:26	0°♎	
	-1896 Feb 02 j 20:37	0°♏	
desc. node	-1896 Mar 29 j 03:50	29°♏11'07	
	-1896 Mar 31 j 01:35	0°♐	
retrograde	-1896 May 15 j 03:53	10°♐53'07	
opposition	-1896 Jun 14 j 12:57	5°♐52'40	-5°03'44
greatest brilliancy	-1896 Jun 14 j 17:32	5°♐49'36	-2.9m
min. Earth dist.	-1896 Jun 16 j 01:59	5°♐27'54	0.37806 AU
direct	-1896 Jul 15 j 02:10	0°♐42'14	
	-1896 Oct 01 j 03:42	0°♑	
	-1896 Nov 17 j 17:34	0°♒	
	-1895 Jan 02 j 04:36	0°♓	
asc. node	-1895 Jan 31 j 00:50	18°♓58'58	
	-1895 Feb 16 j 21:54	0°♈	
	-1895 Apr 04 j 11:33	0°♉	
	-1895 May 21 j 16:22	0°♊	
evening set	-1895 May 28 j 08:06	4°♊13'08	
max. Earth dist.	-1895 Jul 06 j 15:35	29°♊12'33	2.66930 AU
	-1895 Jul 07 j 21:19	0°♋	
conjunction	-1895 Jul 13 j 21:25	3°♋50'17	1°07'57
minimum elong	-1895 Jul 13 j 20:47	3°♋49'17	1°07'59
	-1895 Aug 23 j 10:12	0°♌	
morning rise	-1895 Aug 27 j 18:03	2°♌49'29	
	-1895 Oct 07 j 20:14	0°♍	
	-1895 Nov 21 j 01:05	0°♎	
	-1894 Jan 03 j 04:24	0°♏	
desc. node	-1894 Feb 14 j 04:13	29°♏39'48	
	-1894 Feb 14 j 15:37	0°♐	
	-1894 Mar 29 j 08:30	0°♑	
	-1894 May 14 j 01:30	0°♒	
retrograde	-1894 Jul 25 j 15:51	27°♒22'46	
min. Earth dist.	-1894 Aug 22 j 00:14	22°♒21'47	0.43822 AU
opposition	-1894 Aug 29 j 22:50	19°♒43'24	-5°17'55
greatest brilliancy	-1894 Aug 28 j 14:39	20°♒10'16	-2.5m
direct	-1894 Sep 30 j 17:41	13°♒28'50	
	-1894 Nov 27 j 22:38	0°♓	
asc. node	-1894 Dec 18 j 23:22	10°♓32'19	
	-1893 Jan 22 j 22:14	0°♈	
	-1893 Mar 14 j 11:28	0°♉	
	-1893 May 02 j 13:51	0°♊	
	-1893 Jun 19 j 13:49	0°♋	
evening set	-1893 Jul 05 j 05:55	9°♋58'57	
max. Earth dist.	-1893 Jul 31 j 11:20	26°♋57'18	2.62305 AU
	-1893 Aug 05 j 02:50	0°♌	
conjunction	-1893 Aug 20 j 16:30	10°♌17'50	1°05'27
minimum elong	-1893 Aug 20 j 17:23	10°♌19'18	1°05'28
	-1893 Sep 18 j 20:46	0°♍	
morning rise	-1893 Oct 06 j 08:51	12°♍05'21	
	-1893 Oct 31 j 18:27	0°♎	
	-1893 Dec 12 j 01:12	0°♏	
desc. node	-1892 Jan 02 j 03:04	15°♏41'07	
	-1892 Jan 21 j 03:37	0°♐	
	-1892 Feb 29 j 17:05	0°♑	
	-1892 Apr 09 j 16:58	0°♒	
	-1892 May 21 j 17:52	0°♓	
	-1892 Jul 08 j 20:58	0°♈	
retrograde	-1892 Sep 10 j 13:21	20°♈54'28	
min. Earth dist.	-1892 Oct 13 j 02:56	13°♈43'58	0.56350 AU
opposition	-1892 Oct 19 j 13:08	11°♈13'46	-0°44'00
greatest brilliancy	-1892 Oct 19 j 09:16	11°♈17'32	-1.9m
asc. node	-1892 Nov 04 j 22:50	5°♈38'10	
direct	-1892 Nov 24 j 17:31	3°♈00'42	
	-1891 Feb 14 j 18:56	0°♉	
	-1891 Apr 10 j 10:36	0°♊	
	-1891 May 30 j 10:54	0°♋	
	-1891 Jul 16 j 15:23	0°♌	
evening set	-1891 Aug 13 j 00:02	18°♌11'25	
max. Earth dist.	-1891 Aug 29 j 11:00	29°♌25'59	2.52736 AU
	-1891 Aug 30 j 06:43	0°♍	
conjunction	-1891 Oct 01 j 16:22	22°♍50'08	0°30'44
minimum elong	-1891 Oct 01 j 17:44	22°♍52'35	0°30'44
	-1891 Oct 11 j 14:16	0°♎	
desc. node	-1891 Nov 19 j 01:31	28°♎31'59	
	-1891 Nov 21 j 00:05	0°♏	
morning rise	-1891 Nov 24 j 07:21	2°♏30'07	
	-1891 Dec 30 j 02:55	0°♐	
	-1890 Feb 06 j 16:35	0°♑	
	-1890 Mar 17 j 13:52	0°♒	
	-1890 Apr 26 j 18:41	0°♓	
	-1890 Jun 08 j 13:40	0°♈	
	-1890 Jul 26 j 12:46	0°♉	
asc. node	-1890 Sep 22 j 22:44	26°♉20'04	
	-1890 Oct 15 j 05:05	0°♊	
retrograde	-1890 Oct 18 j 01:26	0°♊03'11	
	-1890 Oct 20 j 21:03	30°℞♉	
min. Earth dist.	-1890 Nov 24 j 06:42	21°♉15'15	0.64930 AU
opposition	-1890 Nov 27 j 02:42	20°♉06'54	2°25'35
greatest brilliancy	-1890 Nov 26 j 19:40	20°♉13'59	-1.4m

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

direct	-1889 Jan 05 j 07:01	10°♉47'09	
	-1889 Mar 13 j 10:34	0°♊	
	-1889 May 09 j 01:08	0°♋	
	-1889 Jun 27 j 04:17	0°♌	
	-1889 Aug 11 j 08:15	0°♍	
	-1889 Sep 22 j 13:26	0°♎	
evening set	-1889 Sep 29 j 08:47	5°♎00'15	
desc. node	-1889 Oct 07 j 01:07	10°♎42'05	
max. Earth dist.	-1889 Oct 21 j 18:34	21°♎46'08	2.40322 AU
	-1889 Nov 01 j 13:56	0°♏	
conjunction	-1889 Nov 26 j 13:50	19°♏19'30	-0°33'20
minimum elong	-1889 Nov 26 j 11:31	19°♏15'00	0°33'20
	-1889 Dec 10 j 05:22	0°♐	
	-1888 Jan 17 j 08:35	0°♑	
morning rise	-1888 Feb 01 j 05:42	11°♑39'43	
	-1888 Feb 24 j 21:06	0°♒	
	-1888 Apr 04 j 15:41	0°♓	
	-1888 May 16 j 11:36	0°♈	
	-1888 Jun 30 j 06:16	0°♉	
asc. node	-1888 Aug 09 j 21:02	24°♉54'25	
	-1888 Aug 18 j 19:18	0°♊	
	-1888 Oct 24 j 11:09	0°♋	
retrograde	-1888 Nov 20 j 16:13	4°♋06'21	
	-1888 Dec 15 j 18:19	30°℞♊	
opposition	-1888 Dec 30 j 11:23	24°♊33'30	4°13'53
greatest brilliancy	-1888 Dec 30 j 13:13	24°♊31'41	-1.3m
min. Earth dist.	-1888 Dec 31 j 11:11	24°♊09'46	0.67389 AU
direct	-1887 Feb 09 j 09:18	14°♊39'09	
	-1887 Apr 08 j 11:46	0°♋	
	-1887 Jun 04 j 00:07	0°♌	
	-1887 Jul 21 j 02:10	0°♍	
desc. node	-1887 Aug 23 j 23:45	23°♍35'53	
	-1887 Sep 01 j 20:14	0°♎	
	-1887 Oct 11 j 21:50	0°♏	
	-1887 Nov 19 j 10:43	0°♐	
evening set	-1887 Nov 30 j 00:12	8°♐19'28	
	-1887 Dec 27 j 11:42	0°♑	
	-1886 Feb 03 j 23:52	0°♒	
conjunction	-1886 Feb 04 j 14:18	0°♒27'43	-1°05'11
minimum elong	-1886 Feb 04 j 15:26	0°♒29'55	1°05'13
	-1886 Mar 15 j 19:16	0°♓	
max. Earth dist.	-1886 Mar 26 j 15:42	7°♓57'00	2.43537 AU
morning rise	-1886 Apr 10 j 23:25	18°♓59'39	
	-1886 Apr 26 j 13:01	0°♈	
	-1886 Jun 09 j 15:08	0°♉	
asc. node	-1886 Jun 27 j 19:57	11°♉53'48	
	-1886 Jul 26 j 10:14	0°♊	
	-1886 Sep 15 j 03:04	0°♋	
	-1886 Nov 16 j 20:03	0°♌	
retrograde	-1886 Dec 27 j 09:12	8°♌14'17	
	-1885 Feb 02 j 10:26	30°℞♋	
opposition	-1885 Feb 03 j 19:51	29°♋27'45	4°47'06
greatest brilliancy	-1885 Feb 04 j 14:08	29°♋10'03	-1.5m
min. Earth dist.	-1885 Feb 08 j 16:02	27°♋35'11	0.63328 AU
direct	-1885 Mar 17 j 01:17	19°♋28'43	
	-1885 May 01 j 07:24	0°♌	
	-1885 Jun 27 j 01:29	0°♍	
desc. node	-1885 Jul 11 j 21:57	9°♍26'21	
	-1885 Aug 11 j 03:07	0°♎	
	-1885 Sep 21 j 00:12	0°♏	
	-1885 Oct 29 j 22:03	0°♐	
	-1885 Dec 07 j 05:51	0°♑	
	-1884 Jan 15 j 01:44	0°♒	
evening set	-1884 Feb 06 j 17:28	17°♒04'20	
	-1884 Feb 24 j 06:01	0°♓	
conjunction	-1884 Apr 06 j 05:22	29°♓55'55	-0°22'46
minimum elong	-1884 Apr 06 j 06:39	29°♓58'09	0°22'46
	-1884 Apr 06 j 07:43	0°♈	
max. Earth dist.	-1884 May 07 j 18:39	21°♈30'49	2.56177 AU
asc. node	-1884 May 14 j 19:45	26°♈14'05	
	-1884 May 20 j 11:28	0°♉	
morning rise	-1884 May 30 j 11:54	6°♉37'20	
	-1884 Jul 05 j 14:14	0°♊	
	-1884 Aug 22 j 13:04	0°♋	
	-1884 Oct 11 j 22:14	0°♌	
	-1884 Dec 07 j 20:28	0°♍	
retrograde	-1883 Feb 09 j 07:42	17°♍42'13	
opposition	-1883 Mar 16 j 23:33	10°♍13'35	3°26'48
greatest brilliancy	-1883 Mar 18 j 01:18	9°♍50'23	-2.0m
min. Earth dist.	-1883 Mar 25 j 00:36	7°♍20'08	0.53105 AU
direct	-1883 Apr 25 j 06:48	1°♍06'20	
desc. node	-1883 May 28 j 21:07	7°♍48'04	
	-1883 Jul 12 j 05:05	0°♎	
	-1883 Aug 26 j 07:12	0°♏	
	-1883 Oct 05 j 23:17	0°♐	
	-1883 Nov 14 j 10:06	0°♑	
	-1883 Dec 24 j 04:41	0°♒	
	-1882 Feb 03 j 05:55	0°♓	
	-1882 Mar 18 j 01:54	0°♈	
evening set	-1882 Apr 01 j 01:09	9°♈30'19	
asc. node	-1882 Apr 01 j 18:04	9°♈58'53	
	-1882 May 01 j 18:22	0°♉	
conjunction	-1882 May 22 j 12:36	13°♉35'05	0°28'29
minimum elong	-1882 May 22 j 11:31	13°♉33'19	0°28'30
max. Earth dist.	-1882 Jun 04 j 18:05	22°♉09'03	2.64419 AU
	-1882 Jun 16 j 22:49	0°♊	
morning rise	-1882 Jul 09 j 06:51	14°♊16'15	
	-1882 Aug 03 j 01:55	0°♋	
	-1882 Sep 19 j 17:32	0°♌	
	-1882 Nov 07 j 00:46	0°♍	
	-1882 Dec 27 j 06:04	0°♎	
	-1881 Feb 23 j 09:14	0°♏	
retrograde	-1881 Apr 14 j 11:19	12°♏23'27	
desc. node	-1881 Apr 15 j 20:35	12°♏22'44	
opposition	-1881 May 15 j 18:28	6°♏55'57	-1°59'08
greatest brilliancy	-1881 May 16 j 04:35	6°♏48'38	-2.7m
min. Earth dist.	-1881 May 21 j 23:06	5°♏08'27	0.40474 AU
direct	-1881 Jun 18 j 02:08	0°♏38'54	
	-1881 Sep 02 j 13:43	0°♐	
	-1881 Oct 18 j 02:09	0°♑	
	-1881 Nov 30 j 04:17	0°♒	
	-1880 Jan 12 j 12:13	0°♓	
asc. node	-1880 Feb 17 j 16:02	24°♓27'16	
	-1880 Feb 25 j 23:50	0°♈	
	-1880 Apr 11 j 19:30	0°♉	
evening set	-1880 May 13 j 03:03	20°♉07'19	
	-1880 May 28 j 14:25	0°♊	
max. Earth dist.	-1880 Jun 27 j 13:45	19°♊05'22	2.67292 AU
conjunction	-1880 Jun 29 j 11:26	20°♊18'07	1°01'31
minimum elong	-1880 Jun 29 j 10:22	20°♊16'26	1°01'33
	-1880 Jul 14 j 16:24	0°♋	
morning rise	-1880 Aug 13 j 13:17	19°♋08'28	
	-1880 Aug 30 j 09:04	0°♌	
	-1880 Oct 15 j 06:47	0°♍	
	-1880 Nov 29 j 08:54	0°♎	
	-1879 Jan 12 j 21:38	0°♏	
	-1879 Feb 26 j 13:18	0°♐	
desc. node	-1879 Mar 02 j 19:52	2°♐50'03	
	-1879 Apr 14 j 11:38	0°♑	
retrograde	-1879 Jul 01 j 07:20	29°♑44'53	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

min. Earth dist.	-1879 Jul 28 j 01:22	25°♋15'50	0.39651 AU
greatest brilliancy	-1879 Aug 01 j 18:11	23°♋52'53	-2.8m
opposition	-1879 Aug 03 j 00:06	23°♋30'43	-6°38'13
direct	-1879 Sep 02 j 05:59	18°♋08'53	
	-1879 Oct 19 j 03:46	0°♒	
	-1879 Dec 14 j 17:34	0°♓	
asc. node	-1878 Jan 04 j 15:04	12°♓28'47	
	-1878 Feb 02 j 06:35	0°♈	
	-1878 Mar 22 j 16:58	0°♉	
	-1878 May 09 j 20:47	0°♊	
evening set	-1878 Jun 20 j 12:57	26°♊13'41	
	-1878 Jun 26 j 11:23	0°♋	
max. Earth dist.	-1878 Jul 21 j 12:19	16°♋02'47	2.64754 AU
conjunction	-1878 Aug 05 j 16:08	25°♋53'10	1°09'55
minimum elong	-1878 Aug 05 j 16:26	25°♋53'38	1°09'56
	-1878 Aug 11 j 23:08	0°♌	
morning rise	-1878 Sep 20 j 04:11	26°♌06'24	
	-1878 Sep 25 j 21:55	0°♍	
	-1878 Nov 08 j 05:24	0°♎	
	-1878 Dec 20 j 01:27	0°♏	
desc. node	-1877 Jan 18 j 20:26	21°♏52'36	
	-1877 Jan 29 j 19:26	0°♐	
	-1877 Mar 11 j 02:38	0°♑	
	-1877 Apr 21 j 02:51	0°♒	
	-1877 Jun 04 j 09:17	0°♓	
	-1877 Aug 05 j 13:23	0°♈	
retrograde	-1877 Aug 25 j 19:16	2°♈44'27	
	-1877 Sep 14 j 04:06	30°℞♓	
min. Earth dist.	-1877 Sep 25 j 05:28	26°♓22'49	0.51652 AU
opposition	-1877 Oct 02 j 18:49	23°♓32'53	-2°23'39
greatest brilliancy	-1877 Oct 02 j 04:16	23°♓46'34	-2.1m
direct	-1877 Nov 06 j 10:26	15°♓58'58	
asc. node	-1877 Nov 22 j 13:58	17°♓34'28	
	-1877 Dec 30 j 07:47	0°♈	
	-1876 Feb 27 j 02:49	0°♉	
	-1876 Apr 18 j 17:51	0°♊	
	-1876 Jun 06 j 18:15	0°♋	
	-1876 Jul 23 j 15:00	0°♌	
evening set	-1876 Jul 28 j 00:11	2°♌52'48	
max. Earth dist.	-1876 Aug 16 j 16:59	15°♌59'47	2.57040 AU
	-1876 Sep 06 j 06:30	0°♍	
conjunction	-1876 Sep 13 j 21:21	5°♍16'14	0°48'23
minimum elong	-1876 Sep 13 j 22:51	5°♍18'51	0°48'23
	-1876 Oct 18 j 18:48	0°♎	
morning rise	-1876 Nov 02 j 22:28	11°♎01'59	
	-1876 Nov 28 j 11:36	0°♏	
desc. node	-1876 Dec 05 j 19:25	5°♏30'56	
	-1875 Jan 06 j 21:55	0°♐	
	-1875 Feb 14 j 18:33	0°♑	
	-1875 Mar 25 j 22:25	0°♒	
	-1875 May 05 j 12:34	0°♓	
	-1875 Jun 18 j 06:35	0°♈	
	-1875 Aug 09 j 05:22	0°♉	
retrograde	-1875 Oct 04 j 04:13	16°♉00'55	
asc. node	-1875 Oct 09 j 12:57	15°♉48'58	
min. Earth dist.	-1875 Nov 08 j 17:08	7°♉46'45	0.62251 AU
opposition	-1875 Nov 13 j 00:03	6°♉03'44	1°23'08
greatest brilliancy	-1875 Nov 12 j 18:06	6°♉09'41	-1.6m
	-1875 Nov 30 j 04:16	30°℞♈	
direct	-1875 Dec 21 j 03:48	27°♈05'22	
	-1874 Jan 13 j 00:15	0°♉	
	-1874 Mar 25 j 13:43	0°♊	
	-1874 May 17 j 11:55	0°♋	
	-1874 Jul 04 j 15:37	0°♌	
	-1874 Aug 18 j 13:00	0°♍	
evening set	-1874 Sep 09 j 12:52	15°♍24'50	
max. Earth dist.	-1874 Sep 25 j 03:06	26°♍37'18	2.45197 AU
	-1874 Sep 29 j 18:27	0°♎	
desc. node	-1874 Oct 23 j 17:23	17°♎44'40	
conjunction	-1874 Nov 02 j 15:32	25°♎13'52	-0°06'45
minimum elong	-1874 Nov 02 j 15:06	25°♎13'02	0°06'46
behind sun begin	-1874 Nov 01 j 16:43	24°♎30'38	
behind sun end	-1874 Nov 03 j 13:29	25°♎55'29	
	-1874 Nov 08 j 22:03	0°♏	
	-1874 Dec 17 j 17:17	0°♐	
morning rise	-1873 Jan 03 j 01:48	12°♐48'34	
	-1873 Jan 24 j 23:47	0°♑	
	-1873 Mar 04 j 14:26	0°♒	
	-1873 Apr 13 j 10:47	0°♓	
	-1873 May 25 j 11:11	0°♈	
	-1873 Jul 09 j 21:44	0°♉	
asc. node	-1873 Aug 27 j 12:48	28°♉06'07	
	-1873 Aug 31 j 05:59	0°♊	
retrograde	-1873 Nov 08 j 06:23	21°♊18'27	
opposition	-1873 Dec 18 j 06:48	11°♊33'26	3°40'37
greatest brilliancy	-1873 Dec 18 j 03:39	11°♊36'36	-1.3m
min. Earth dist.	-1873 Dec 17 j 18:19	11°♊45'58	0.67186 AU
direct	-1872 Jan 27 j 15:58	1°♊49'21	
	-1872 Apr 21 j 15:33	0°♋	
	-1872 Jun 12 j 20:59	0°♌	
	-1872 Jul 28 j 23:04	0°♍	
desc. node	-1872 Sep 09 j 16:02	0°♎10'43	
	-1872 Sep 09 j 10:10	0°♎	
	-1872 Oct 19 j 10:16	0°♏	
evening set	-1872 Nov 03 j 14:45	11°♏43'34	
	-1872 Nov 26 j 23:17	0°♐	
	-1871 Jan 04 j 00:22	0°♑	
conjunction	-1871 Jan 07 j 09:10	2°♑38'58	-1°03'21
minimum elong	-1871 Jan 07 j 07:22	2°♑35'25	1°03'24
	-1871 Feb 11 j 11:45	0°♒	
max. Earth dist.	-1871 Feb 16 j 13:34	3°♒53'52	2.38667 AU
morning rise	-1871 Mar 17 j 01:28	25°♒25'26	
	-1871 Mar 23 j 05:40	0°♓	
	-1871 May 03 j 22:32	0°♈	
	-1871 Jun 17 j 03:26	0°♉	
asc. node	-1871 Jul 14 j 12:19	17°♉36'38	
	-1871 Aug 03 j 13:41	0°♊	
	-1871 Sep 25 j 19:22	0°♋	
retrograde	-1871 Dec 12 j 13:36	24°♋51'10	
opposition	-1870 Jan 20 j 16:05	15°♋43'40	4°44'06
greatest brilliancy	-1870 Jan 21 j 03:43	15°♋32'13	-1.4m
min. Earth dist.	-1870 Jan 24 j 00:14	14°♋24'51	0.65690 AU
direct	-1870 Mar 02 j 23:01	5°♋42'07	
	-1870 May 17 j 07:09	0°♌	
	-1870 Jul 06 j 22:55	0°♍	
desc. node	-1870 Jul 28 j 15:10	14°♍27'59	
	-1870 Aug 19 j 18:05	0°♎	
	-1870 Sep 29 j 04:27	0°♏	
	-1870 Nov 06 j 20:58	0°♐	
	-1870 Dec 15 j 00:37	0°♑	
evening set	-1869 Jan 12 j 03:56	21°♑55'24	
	-1869 Jan 22 j 15:58	0°♒	
	-1869 Mar 03 j 15:19	0°♓	
conjunction	-1869 Mar 16 j 11:16	9°♓21'02	-0°43'30
minimum elong	-1869 Mar 16 j 13:39	9°♓25'21	0°43'29
	-1869 Apr 14 j 12:30	0°♈	
max. Earth dist.	-1869 Apr 25 j 07:48	7°♈29'57	2.51628 AU
morning rise	-1869 May 13 j 15:41	20°♈00'22	
	-1869 May 28 j 13:47	0°♉	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

asc. node	-1869 Jun 01 j 10:48	2°♉34'09	
	-1869 Jul 13 j 19:44	0°♊	
	-1869 Aug 31 j 11:03	0°♋	
	-1869 Oct 23 j 04:09	0°♌	
	-1868 Jan 06 j 09:56	0°♍	
retrograde	-1868 Jan 22 j 07:58	1°♍26'30	
	-1868 Feb 06 j 09:01	30°℞♌	
opposition	-1868 Feb 28 j 06:29	23°♌22'21	4°17'02
greatest brilliancy	-1868 Feb 29 j 08:21	22°♌58'08	-1.7m
min. Earth dist.	-1868 Mar 06 j 05:57	20°♌45'48	0.57750 AU
direct	-1868 Apr 08 j 16:13	13°♌44'29	
	-1868 Jun 04 j 04:24	0°♍	
desc. node	-1868 Jun 14 j 13:19	5°♍22'11	
	-1868 Jul 25 j 00:12	0°♎	
	-1868 Sep 05 j 12:56	0°♏	
	-1868 Oct 15 j 05:03	0°♐	
	-1868 Nov 23 j 01:12	0°♑	
	-1867 Jan 01 j 07:48	0°♒	
	-1867 Feb 10 j 22:16	0°♓	
evening set	-1867 Mar 12 j 16:26	21°♓10'31	
	-1867 Mar 25 j 09:04	0°♈	
asc. node	-1867 Apr 18 j 09:56	16°♈23'43	
conjunction	-1867 May 05 j 19:10	28°♈01'22	0°10'11
minimum elong	-1867 May 05 j 18:41	28°♈00'35	0°10'11
behind sun begin	-1867 May 05 j 02:02	27°♈32'57	
behind sun end	-1867 May 06 j 11:21	28°♈28'12	
	-1867 May 08 j 18:46	0°♉	
max. Earth dist.	-1867 May 25 j 15:21	11°♉05'11	2.61823 AU
	-1867 Jun 23 j 20:46	0°♊	
morning rise	-1867 Jun 24 j 13:16	0°♊26'26	
	-1867 Aug 10 j 04:35	0°♋	
	-1867 Sep 27 j 13:45	0°♌	
	-1867 Nov 16 j 18:33	0°♍	
	-1866 Jan 11 j 21:10	0°♎	
retrograde	-1866 Mar 17 j 04:00	18°♎26'27	
opposition	-1866 Apr 19 j 08:50	12°♎08'53	0°47'29
greatest brilliancy	-1866 Apr 19 j 15:58	12°♎03'07	-2.5m
min. Earth dist.	-1866 Apr 27 j 14:38	9°♎30'07	0.45055 AU
desc. node	-1866 May 02 j 12:56	8°♎02'06	
direct	-1866 May 25 j 13:00	4°♎31'00	
	-1866 Aug 03 j 17:56	0°♏	
	-1866 Sep 18 j 04:16	0°♐	
	-1866 Oct 29 j 18:49	0°♑	
	-1866 Dec 09 j 23:17	0°♒	
	-1865 Jan 21 j 02:05	0°♓	
	-1865 Mar 05 j 17:47	0°♈	
asc. node	-1865 Mar 06 j 08:04	0°♈24'04	
	-1865 Apr 20 j 00:02	0°♉	
evening set	-1865 Apr 28 j 05:49	5°♉21'56	
	-1865 Jun 05 j 11:27	0°♊	
conjunction	-1865 Jun 15 j 19:21	6°♊36'09	0°51'23
minimum elong	-1865 Jun 15 j 18:03	6°♊34'05	0°51'25
max. Earth dist.	-1865 Jun 19 j 15:48	9°♊03'41	2.66823 AU
	-1865 Jul 22 j 12:14	0°♋	
morning rise	-1865 Jul 31 j 13:07	5°♋45'40	
	-1865 Sep 07 j 11:15	0°♌	
	-1865 Oct 24 j 01:36	0°♍	
	-1865 Dec 09 j 11:07	0°♎	
	-1864 Jan 25 j 08:21	0°♏	
	-1864 Mar 14 j 22:16	0°♐	
desc. node	-1864 Mar 19 j 13:42	2°♐36'18	
retrograde	-1864 Jun 02 j 06:12	28°♐45'05	
min. Earth dist.	-1864 Jul 01 j 06:46	24°♐00'26	0.37587 AU
opposition	-1864 Jul 02 j 19:03	23°♐36'20	-6°16'47
greatest brilliancy	-1864 Jul 02 j 10:29	23°♐42'01	-2.9m
direct	-1864 Aug 01 j 11:52	18°♐39'29	
	-1864 Sep 15 j 10:48	0°♑	
	-1864 Nov 09 j 03:41	0°♒	
	-1864 Dec 26 j 16:04	0°♓	
asc. node	-1863 Jan 21 j 05:48	16°♓26'14	
	-1863 Feb 11 j 08:58	0°♈	
	-1863 Mar 30 j 11:21	0°♉	
	-1863 May 16 j 23:06	0°♊	
evening set	-1863 Jun 05 j 21:00	12°♊34'57	
	-1863 Jul 03 j 07:06	0°♋	
max. Earth dist.	-1863 Jul 12 j 00:23	5°♋34'28	2.66387 AU
conjunction	-1863 Jul 22 j 03:42	12°♋04'48	1°09'52
minimum elong	-1863 Jul 22 j 03:23	12°♋04'18	1°09'55
	-1863 Aug 18 j 19:19	0°♌	
morning rise	-1863 Sep 05 j 01:58	11°♌20'56	
	-1863 Oct 03 j 01:07	0°♍	
	-1863 Nov 15 j 21:39	0°♎	
	-1863 Dec 28 j 12:22	0°♏	
desc. node	-1862 Feb 04 j 12:56	27°♏19'24	
	-1862 Feb 08 j 05:48	0°♐	
	-1862 Mar 21 j 19:24	0°♑	
	-1862 May 03 j 22:46	0°♒	
	-1862 Jun 24 j 07:27	0°♓	
retrograde	-1862 Aug 06 j 18:30	11°♓27'58	
min. Earth dist.	-1862 Sep 04 j 00:52	5°♓59'52	0.46544 AU
greatest brilliancy	-1862 Sep 11 j 01:22	3°♓32'37	-2.3m
opposition	-1862 Sep 12 j 04:11	3°♓09'03	-4°15'29
	-1862 Sep 21 j 18:10	30°℞♒	
direct	-1862 Oct 15 j 00:54	26°♒24'19	
	-1862 Nov 08 j 16:50	0°♓	
asc. node	-1862 Dec 09 j 05:22	11°♓20'28	
	-1861 Jan 15 j 06:01	0°♈	
	-1861 Mar 08 j 16:50	0°♉	
	-1861 Apr 27 j 12:48	0°♊	
	-1861 Jun 14 j 20:41	0°♋	
evening set	-1861 Jul 13 j 18:46	18°♋27'19	
	-1861 Jul 31 j 12:26	0°♌	
max. Earth dist.	-1861 Aug 06 j 12:33	3°♌57'03	2.60637 AU
conjunction	-1861 Aug 29 j 13:55	19°♌20'27	1°00'40
minimum elong	-1861 Aug 29 j 15:06	19°♌22'27	1°00'41
	-1861 Sep 14 j 05:45	0°♍	
morning rise	-1861 Oct 16 j 04:51	22°♍17'54	
	-1861 Oct 27 j 00:07	0°♎	
	-1861 Dec 07 j 01:40	0°♏	
desc. node	-1861 Dec 23 j 11:44	12°♏16'43	
	-1860 Jan 15 j 21:41	0°♐	
	-1860 Feb 24 j 04:11	0°♑	
	-1860 Apr 03 j 18:52	0°♒	
	-1860 May 15 j 02:26	0°♓	
	-1860 Jun 29 j 20:16	0°♈	
	-1860 Sep 08 j 20:42	0°♉	
retrograde	-1860 Sep 19 j 11:22	0°♉45'07	
	-1860 Sep 29 j 16:37	30°℞♈	
min. Earth dist.	-1860 Oct 23 j 03:30	23°♈10'05	0.58670 AU
asc. node	-1860 Oct 26 j 05:34	21°♈57'07	
opposition	-1860 Oct 28 j 19:54	20°♈55'21	0°06'44
greatest brilliancy	-1860 Oct 28 j 19:19	20°♈55'55	-1.8m
direct	-1860 Dec 04 j 18:03	12°♈24'19	
	-1859 Feb 05 j 17:54	0°♉	
	-1859 Apr 04 j 12:12	0°♊	
	-1859 May 25 j 09:10	0°♋	
	-1859 Jul 11 j 21:26	0°♌	
evening set	-1859 Aug 22 j 14:14	27°♌54'06	
	-1859 Aug 25 j 15:20	0°♍	
max. Earth dist.	-1859 Sep 06 j 23:34	8°♍35'16	2.50161 AU

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1859 Oct 06 j 22:37	0°♎	
conjunction	-1859 Oct 12 j 13:59	4°♎07'05	0°18'19
minimum elong	-1859 Oct 12 j 14:57	4°♎08'50	0°18'19
desc. node	-1859 Nov 09 j 10:31	24°♎49'55	
	-1859 Nov 16 j 06:29	0°♏	
morning rise	-1859 Dec 07 j 16:33	16°♏23'08	
	-1859 Dec 25 j 06:26	0°♐	
	-1858 Feb 01 j 17:05	0°♑	
	-1858 Mar 12 j 11:05	0°♒	
	-1858 Apr 21 j 11:13	0°♓	
	-1858 Jun 02 j 20:31	0°♈	
	-1858 Jul 19 j 12:20	0°♉	
asc. node	-1858 Sep 13 j 04:25	28°♉37'10	
	-1858 Sep 16 j 18:15	0°♊	
retrograde	-1858 Oct 25 j 21:13	8°♊14'22	
	-1858 Nov 30 j 20:07	30°℞♉	
min. Earth dist.	-1858 Dec 02 j 22:33	29°♉09'34	0.66001 AU
opposition	-1858 Dec 04 j 23:01	28°♉20'47	2°56'31
greatest brilliancy	-1858 Dec 04 j 16:39	28°♉27'12	-1.4m
direct	-1857 Jan 13 j 14:40	18°♉51'14	
	-1857 Mar 03 j 02:54	0°♊	
	-1857 May 02 j 23:35	0°♋	
	-1857 Jun 22 j 00:27	0°♌	
	-1857 Aug 06 j 11:56	0°♍	
	-1857 Sep 17 j 19:36	0°♎	
desc. node	-1857 Sep 27 j 09:00	7°♎01'57	
evening set	-1857 Oct 11 j 17:09	17°♎44'34	
	-1857 Oct 27 j 20:24	0°♏	
max. Earth dist.	-1857 Nov 16 j 23:30	15°♏32'39	2.38192 AU
	-1857 Dec 05 j 11:07	0°♐	
conjunction	-1857 Dec 11 j 09:40	4°♐40'05	-0°47'02
minimum elong	-1857 Dec 11 j 06:44	4°♐34'18	0°47'02
	-1856 Jan 12 j 13:28	0°♑	
morning rise	-1856 Feb 17 j 21:29	28°♑20'42	
	-1856 Feb 20 j 01:02	0°♒	
	-1856 Mar 30 j 18:17	0°♓	
	-1856 May 11 j 11:36	0°♈	
	-1856 Jun 24 j 22:32	0°♉	
asc. node	-1856 Jul 31 j 03:31	22°♉43'02	
	-1856 Aug 12 j 10:18	0°♊	
	-1856 Oct 09 j 23:30	0°♋	
retrograde	-1856 Nov 28 j 12:36	11°♋53'55	
opposition	-1855 Jan 07 j 02:41	2°♋29'05	4°28'16
greatest brilliancy	-1855 Jan 07 j 07:50	2°♋23'59	-1.3m
min. Earth dist.	-1855 Jan 08 j 22:28	1°♋45'34	0.67058 AU
	-1855 Jan 13 j 09:58	30°℞♊	
direct	-1855 Feb 17 j 05:08	22°♊30'46	
	-1855 Mar 27 j 11:38	0°♋	
	-1855 May 28 j 16:01	0°♌	
	-1855 Jul 15 j 17:47	0°♍	
desc. node	-1855 Aug 14 j 07:39	20°♍19'37	
	-1855 Aug 27 j 19:43	0°♎	
	-1855 Oct 07 j 00:13	0°♏	
	-1855 Nov 14 j 14:08	0°♐	
evening set	-1855 Dec 15 j 17:03	24°♐31'55	
	-1855 Dec 22 j 15:47	0°♑	
	-1854 Jan 30 j 04:35	0°♒	
conjunction	-1854 Feb 19 j 19:56	15°♒41'58	-0°59'56
minimum elong	-1854 Feb 19 j 22:11	15°♒46'13	0°59'57
	-1854 Mar 11 j 00:35	0°♓	
max. Earth dist.	-1854 Apr 08 j 04:17	20°♓23'59	2.46513 AU
	-1854 Apr 21 j 18:36	0°♈	
morning rise	-1854 Apr 23 j 14:35	1°♈16'54	
	-1854 Jun 04 j 18:56	0°♉	
asc. node	-1854 Jun 18 j 03:03	8°♉46'39	
	-1854 Jul 21 j 07:07	0°♊	
	-1854 Sep 09 j 00:12	0°♋	
	-1854 Nov 05 j 04:11	0°♌	
retrograde	-1853 Jan 05 j 08:50	16°♌38'43	
opposition	-1853 Feb 12 j 08:00	8°♌05'35	4°41'28
greatest brilliancy	-1853 Feb 13 j 05:34	7°♌44'53	-1.5m
min. Earth dist.	-1853 Feb 17 j 23:06	5°♌55'56	0.61613 AU
	-1853 Mar 08 j 20:03	30°℞♋	
direct	-1853 Mar 25 j 08:44	28°♋11'01	
	-1853 Apr 11 j 17:31	0°♌	
	-1853 Jun 19 j 21:52	0°♍	
desc. node	-1853 Jul 02 j 07:17	7°♍30'49	
	-1853 Aug 05 j 07:35	0°♎	
	-1853 Sep 15 j 15:35	0°♏	
	-1853 Oct 24 j 18:20	0°♐	
	-1853 Dec 02 j 05:17	0°♑	
	-1852 Jan 10 j 03:43	0°♒	
	-1852 Feb 19 j 10:18	0°♓	
evening set	-1852 Feb 20 j 03:32	0°♓31'23	
	-1852 Apr 01 j 14:08	0°♈	
conjunction	-1852 Apr 17 j 13:23	10°♈59'54	-0°10'23
minimum elong	-1852 Apr 17 j 13:56	11°♈00'51	0°10'23
behind sun begin	-1852 Apr 16 j 20:29	10°♈31'05	
behind sun end	-1852 Apr 18 j 07:22	11°♈30'35	
asc. node	-1852 May 05 j 00:53	22°♈49'32	
max. Earth dist.	-1852 May 14 j 17:14	29°♈17'26	2.58421 AU
	-1852 May 15 j 18:52	0°♉	
morning rise	-1852 Jun 08 j 23:31	15°♉53'47	
	-1852 Jun 30 j 20:19	0°♊	
	-1852 Aug 17 j 11:55	0°♋	
	-1852 Oct 05 j 23:05	0°♌	
	-1852 Nov 28 j 10:52	0°♍	
retrograde	-1851 Feb 21 j 06:31	28°♍18'00	
opposition	-1851 Mar 28 j 03:09	21°♍12'07	2°41'46
greatest brilliancy	-1851 Mar 29 j 01:09	20°♍52'51	-2.1m
min. Earth dist.	-1851 Apr 05 j 12:23	18°♍16'54	0.50308 AU
direct	-1851 May 05 j 12:38	12°♍30'07	
desc. node	-1851 May 19 j 06:05	13°♍44'30	
	-1851 Jul 01 j 14:27	0°♎	
	-1851 Aug 19 j 02:00	0°♏	
	-1851 Sep 29 j 18:31	0°♐	
	-1851 Nov 08 j 18:00	0°♑	
	-1851 Dec 18 j 21:13	0°♒	
	-1850 Jan 29 j 04:53	0°♓	
	-1850 Mar 13 j 05:59	0°♈	
asc. node	-1850 Mar 22 j 23:19	6°♈36'19	
evening set	-1850 Apr 11 j 08:07	19°♈35'28	
	-1850 Apr 27 j 01:52	0°♉	
conjunction	-1850 May 31 j 15:04	22°♉28'33	0°37'51
minimum elong	-1850 May 31 j 13:48	22°♉26'31	0°37'52
max. Earth dist.	-1850 Jun 10 j 10:01	28°♉46'22	2.65509 AU
	-1850 Jun 12 j 07:54	0°♊	
morning rise	-1850 Jul 17 j 12:21	22°♊27'31	
	-1850 Jul 29 j 09:21	0°♋	
	-1850 Sep 14 j 17:46	0°♌	
	-1850 Nov 01 j 07:18	0°♍	
	-1850 Dec 19 j 17:30	0°♎	
	-1849 Feb 09 j 09:43	0°♏	
desc. node	-1849 Apr 06 j 05:12	24°♏29'02	
retrograde	-1849 May 02 j 00:51	28°♏19'50	
opposition	-1849 Jun 01 j 15:19	23°♏12'30	-3°46'58
greatest brilliancy	-1849 Jun 02 j 02:09	23°♏05'02	-2.9m
min. Earth dist.	-1849 Jun 05 j 12:07	22°♏08'37	0.38672 AU
direct	-1849 Jul 03 j 07:34	17°♏37'10	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1849 Aug 18 j 09:57	0°♐	
	-1849 Oct 09 j 07:50	0°♑	
	-1849 Nov 23 j 09:12	0°♒	
	-1848 Jan 06 j 17:02	0°♓	
asc. node	-1848 Feb 07 j 22:21	21°♓31'06	
	-1848 Feb 20 j 18:55	0°♈	
	-1848 Apr 06 j 23:03	0°♉	
evening set	-1848 May 21 j 22:13	28°♉42'48	
	-1848 May 23 j 22:47	0°♊	
max. Earth dist.	-1848 Jul 02 j 22:19	25°♊25'43	2.67196 AU
conjunction	-1848 Jul 07 j 18:51	28°♊31'29	1°05'43
minimum elong	-1848 Jul 07 j 18:01	28°♊30'09	1°05'45
	-1848 Jul 10 j 02:20	0°♋	
morning rise	-1848 Aug 21 j 16:10	27°♋22'43	
	-1848 Aug 25 j 17:05	0°♌	
	-1848 Oct 10 j 08:41	0°♍	
	-1848 Nov 23 j 22:43	0°♎	
	-1847 Jan 06 j 15:41	0°♏	
	-1847 Feb 18 j 22:13	0°♐	
desc. node	-1847 Feb 21 j 05:28	1°♐35'32	
	-1847 Apr 03 j 23:00	0°♑	
	-1847 May 23 j 09:43	0°♒	
retrograde	-1847 Jul 15 j 14:31	16°♒17'28	
min. Earth dist.	-1847 Aug 11 j 10:06	11°♒35'13	0.41772 AU
greatest brilliancy	-1847 Aug 17 j 09:38	9°♒42'05	-2.6m
opposition	-1847 Aug 18 j 19:10	9°♒15'31	-6°00'17
direct	-1847 Sep 18 j 18:47	3°♒25'52	
	-1847 Dec 05 j 09:39	0°♓	
asc. node	-1847 Dec 25 j 21:11	11°♓18'53	
	-1846 Jan 26 j 20:14	0°♈	
	-1846 Mar 17 j 08:10	0°♉	
	-1846 May 04 j 23:54	0°♊	
	-1846 Jun 21 j 19:52	0°♋	
evening set	-1846 Jun 28 j 23:23	4°♋32'44	
max. Earth dist.	-1846 Jul 27 j 06:09	22°♋44'40	2.63497 AU
	-1846 Aug 07 j 08:50	0°♌	
conjunction	-1846 Aug 14 j 05:13	4°♌30'12	1°07'52
minimum elong	-1846 Aug 14 j 05:51	4°♌31'15	1°07'54
	-1846 Sep 21 j 05:49	0°♍	
morning rise	-1846 Sep 29 j 06:41	5°♍30'11	
	-1846 Nov 03 j 08:32	0°♎	
	-1846 Dec 14 j 21:46	0°♏	
desc. node	-1845 Jan 09 j 04:36	18°♏42'24	
	-1845 Jan 24 j 06:59	0°♐	
	-1845 Mar 05 j 03:35	0°♑	
	-1845 Apr 14 j 11:48	0°♒	
	-1845 May 27 j 04:38	0°♓	
	-1845 Jul 17 j 02:34	0°♈	
retrograde	-1845 Sep 04 j 14:37	13°♈49'40	
min. Earth dist.	-1845 Oct 06 j 05:39	6°♈59'59	0.54310 AU
opposition	-1845 Oct 13 j 04:35	4°♈19'33	-1°24'27
greatest brilliancy	-1845 Oct 12 j 20:33	4°♈27'17	-2.0m
	-1845 Oct 25 j 10:58	30°℞♓	
asc. node	-1845 Nov 12 j 20:15	26°♓32'21	
direct	-1845 Nov 17 j 16:27	26°♓22'57	
	-1845 Dec 12 j 21:45	0°♈	
	-1844 Feb 20 j 01:59	0°♉	
	-1844 Apr 13 j 07:00	0°♊	
	-1844 Jun 01 j 21:05	0°♋	
	-1844 Jul 18 j 22:59	0°♌	
evening set	-1844 Aug 06 j 01:02	11°♌57'00	
max. Earth dist.	-1844 Aug 23 j 21:28	23°♌59'52	2.54728 AU
	-1844 Sep 01 j 15:33	0°♍	
conjunction	-1844 Sep 23 j 20:01	15°♍29'48	0°38'52
minimum elong	-1844 Sep 23 j 21:31	15°♍32'26	0°38'51
	-1844 Oct 14 j 02:08	0°♎	
morning rise	-1844 Nov 14 j 17:06	23°♎17'02	
	-1844 Nov 23 j 15:50	0°♏	
desc. node	-1844 Nov 26 j 02:47	1°♏51'11	
	-1843 Jan 01 j 22:17	0°♐	
	-1843 Feb 09 j 14:57	0°♑	
	-1843 Mar 20 j 14:31	0°♒	
	-1843 Apr 29 j 21:41	0°♓	
	-1843 Jun 11 j 23:07	0°♈	
	-1843 Jul 31 j 00:34	0°♉	
asc. node	-1843 Sep 29 j 20:08	23°♉38'47	
retrograde	-1843 Oct 12 j 05:44	24°♉37'21	
min. Earth dist.	-1843 Nov 17 j 16:54	16°♉04'06	0.63847 AU
opposition	-1843 Nov 21 j 04:49	14°♉39'48	2°01'02
greatest brilliancy	-1843 Nov 20 j 21:43	14°♉46'56	-1.5m
direct	-1843 Dec 29 j 22:22	5°♉29'08	
	-1842 Mar 18 j 02:20	0°♊	
	-1842 May 11 j 23:30	0°♋	
	-1842 Jun 29 j 17:20	0°♌	
	-1842 Aug 13 j 19:51	0°♍	
evening set	-1842 Sep 20 j 12:15	26°♍39'41	
	-1842 Sep 25 j 02:17	0°♎	
max. Earth dist.	-1842 Oct 08 j 10:38	9°♎49'49	2.42426 AU
desc. node	-1842 Oct 14 j 02:18	14°♎02'33	
	-1842 Nov 04 j 05:02	0°♏	
conjunction	-1842 Nov 15 j 19:20	8°♏54'04	-0°21'59
minimum elong	-1842 Nov 15 j 17:49	8°♏51'08	0°21'59
	-1842 Dec 12 j 22:24	0°♐	
morning rise	-1841 Jan 19 j 07:57	29°♐22'50	
	-1841 Jan 20 j 02:53	0°♑	
	-1841 Feb 27 j 15:42	0°♒	
	-1841 Apr 08 j 09:47	0°♓	
	-1841 May 20 j 05:52	0°♈	
	-1841 Jul 04 j 04:12	0°♉	
asc. node	-1841 Aug 17 j 18:36	26°♉49'30	
	-1841 Aug 23 j 12:52	0°♊	
retrograde	-1841 Nov 15 j 23:47	29°♊08'10	
opposition	-1841 Dec 25 j 21:12	19°♊29'24	4°01'13
greatest brilliancy	-1841 Dec 25 j 20:36	19°♊30'00	-1.3m
min. Earth dist.	-1841 Dec 26 j 04:27	19°♊22'08	0.67430 AU
direct	-1840 Feb 04 j 13:36	9°♊39'13	
	-1840 Apr 13 j 16:34	0°♋	
	-1840 Jun 07 j 04:24	0°♌	
	-1840 Jul 23 j 21:21	0°♍	
desc. node	-1840 Aug 31 j 01:24	26°♍43'34	
	-1840 Sep 04 j 13:40	0°♎	
	-1840 Oct 14 j 15:37	0°♏	
evening set	-1840 Nov 18 j 04:59	26°♏51'31	
	-1840 Nov 22 j 04:51	0°♐	
	-1840 Dec 30 j 05:39	0°♑	
conjunction	-1839 Jan 23 j 09:47	18°♑56'16	-1°06'14
minimum elong	-1839 Jan 23 j 09:40	18°♑56'04	1°06'16
	-1839 Feb 06 j 16:45	0°♒	
max. Earth dist.	-1839 Mar 14 j 03:16	26°♒49'24	2.41200 AU
	-1839 Mar 18 j 10:11	0°♓	
morning rise	-1839 Mar 31 j 14:38	9°♓39'54	
	-1839 Apr 29 j 02:00	0°♈	
	-1839 Jun 12 j 03:23	0°♉	
asc. node	-1839 Jul 04 j 17:19	14°♉41'15	
	-1839 Jul 29 j 02:26	0°♊	
	-1839 Sep 18 j 14:01	0°♋	
	-1839 Nov 28 j 00:19	0°♌	
retrograde	-1839 Dec 20 j 23:21	2°♌55'02	
	-1838 Jan 11 j 06:25	30°℞♋	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

opposition	-1838 Jan 28 j 17:09	23°♋58'35	4°47'15
greatest brilliancy	-1838 Jan 29 j 08:30	23°♋43'36	-1.4m
min. Earth dist.	-1838 Feb 01 j 20:55	22°♋21'09	0.64510 AU
direct	-1838 Mar 10 j 23:35	13°♋57'36	
	-1838 May 08 j 04:32	0°♌	
	-1838 Jun 30 j 19:43	0°♍	
desc. node	-1838 Jul 18 j 23:34	11°♍48'24	
	-1838 Aug 14 j 08:19	0°♎	
	-1838 Sep 24 j 01:32	0°♏	
	-1838 Nov 01 j 21:14	0°♐	
	-1838 Dec 10 j 02:56	0°♑	
	-1837 Jan 17 j 20:05	0°♒	
evening set	-1837 Jan 26 j 21:22	6°♒53'30	
	-1837 Feb 26 j 20:55	0°♓	
conjunction	-1837 Mar 29 j 03:18	21°♓48'18	-0°31'50
minimum elong	-1837 Mar 29 j 05:08	21°♓51'31	0°31'49
	-1837 Apr 09 j 19:11	0°♈	
max. Earth dist.	-1837 May 03 j 10:02	16°♈16'03	2.54214 AU
asc. node	-1837 May 22 j 17:17	29°♈15'06	
	-1837 May 23 j 20:16	0°♉	
morning rise	-1837 May 24 j 01:34	0°♉08'49	
	-1837 Jul 08 j 22:58	0°♊	
	-1837 Aug 26 j 02:53	0°♋	
	-1837 Oct 16 j 06:51	0°♌	
	-1837 Dec 16 j 01:26	0°♍	
retrograde	-1836 Feb 01 j 19:40	10°♍55'33	
opposition	-1836 Mar 09 j 02:04	3°♍09'55	3°51'29
greatest brilliancy	-1836 Mar 10 j 04:26	2°♍45'40	-1.8m
min. Earth dist.	-1836 Mar 16 j 16:35	0°♍22'33	0.55277 AU
	-1836 Mar 17 j 17:53	30°℞♌	
direct	-1836 Apr 17 j 22:27	23°♌46'47	
	-1836 May 20 j 12:24	0°♍	
desc. node	-1836 Jun 04 j 22:13	6°♍16'01	
	-1836 Jul 17 j 13:47	0°♎	
	-1836 Aug 30 j 09:06	0°♏	
	-1836 Oct 09 j 13:32	0°♐	
	-1836 Nov 17 j 16:50	0°♑	
	-1836 Dec 27 j 04:59	0°♒	
	-1835 Feb 05 j 23:59	0°♓	
	-1835 Mar 20 j 14:32	0°♈	
evening set	-1835 Mar 23 j 22:42	2°♈17'43	
asc. node	-1835 Apr 08 j 15:48	12°♈59'38	
	-1835 May 04 j 02:42	0°♉	
conjunction	-1835 May 15 j 12:42	7°♉30'51	0°21'07
minimum elong	-1835 May 15 j 11:49	7°♉29'24	0°21'07
max. Earth dist.	-1835 May 31 j 13:29	17°♉58'00	2.63361 AU
	-1835 Jun 19 j 05:07	0°♊	
morning rise	-1835 Jul 03 j 02:23	8°♊53'18	
	-1835 Aug 05 j 09:23	0°♋	
	-1835 Sep 22 j 07:35	0°♌	
	-1835 Nov 10 j 07:43	0°♍	
	-1834 Jan 01 j 10:10	0°♎	
	-1834 Mar 14 j 17:24	0°♏	
retrograde	-1834 Apr 01 j 13:18	1°♏50'17	
	-1834 Apr 18 j 19:27	30°℞♎	
desc. node	-1834 Apr 22 j 21:59	29°♎03'31	
opposition	-1834 May 03 j 16:16	26°♎01'08	-0°41'16
greatest brilliancy	-1834 May 03 j 20:47	25°♎57'42	-2.6m
min. Earth dist.	-1834 May 11 j 02:39	23°♎45'47	0.42380 AU
direct	-1834 Jun 07 j 08:40	19°♎06'51	
	-1834 Jul 19 j 23:14	0°♏	
	-1834 Sep 09 j 14:39	0°♐	
	-1834 Oct 22 j 22:13	0°♑	
	-1834 Dec 03 j 23:59	0°♒	
	-1833 Jan 15 j 16:21	0°♓	
asc. node	-1833 Feb 24 j 13:40	27°♓13'01	
	-1833 Feb 28 j 17:17	0°♈	
	-1833 Apr 15 j 05:38	0°♉	
evening set	-1833 May 07 j 10:30	14°♉21'03	
	-1833 May 31 j 20:33	0°♊	
conjunction	-1833 Jun 24 j 06:34	14°♊56'14	0°57'42
minimum elong	-1833 Jun 24 j 05:23	14°♊54'20	0°57'44
max. Earth dist.	-1833 Jun 24 j 23:19	15°♊22'55	2.67185 AU
	-1833 Jul 17 j 21:40	0°♋	
morning rise	-1833 Aug 08 j 14:02	13°♋51'26	
	-1833 Sep 02 j 17:06	0°♌	
	-1833 Oct 18 j 21:59	0°♍	
	-1833 Dec 03 j 12:43	0°♎	
	-1832 Jan 17 j 22:47	0°♏	
	-1832 Mar 04 j 04:26	0°♐	
desc. node	-1832 Mar 09 j 21:22	3°♐35'22	
	-1832 Apr 24 j 10:43	0°♑	
retrograde	-1832 Jun 19 j 05:02	16°♑50'45	
min. Earth dist.	-1832 Jul 16 j 13:05	12°♑22'20	0.38390 AU
opposition	-1832 Jul 20 j 18:25	11°♑11'40	-6°45'54
greatest brilliancy	-1832 Jul 19 j 20:18	11°♑27'09	-2.8m
direct	-1832 Aug 19 j 14:23	6°♑06'55	
	-1832 Oct 29 j 09:12	0°♒	
	-1832 Dec 19 j 13:26	0°♓	
asc. node	-1831 Jan 11 j 12:56	14°♓16'08	
	-1831 Feb 05 j 14:57	0°♈	
	-1831 Mar 25 j 09:15	0°♉	
	-1831 May 12 j 05:22	0°♊	
evening set	-1831 Jun 14 j 06:56	20°♊50'31	
	-1831 Jun 28 j 17:03	0°♋	
max. Earth dist.	-1831 Jul 17 j 10:45	11°♋59'19	2.65587 AU
conjunction	-1831 Jul 30 j 10:25	20°♋22'07	1°10'24
minimum elong	-1831 Jul 30 j 10:27	20°♋22'09	1°10'27
	-1831 Aug 14 j 05:30	0°♌	
morning rise	-1831 Sep 13 j 14:33	20°♌05'27	
	-1831 Sep 28 j 08:04	0°♍	
	-1831 Nov 10 j 21:39	0°♎	
	-1831 Dec 23 j 01:59	0°♏	
desc. node	-1830 Jan 25 j 21:34	24°♏36'56	
	-1830 Feb 02 j 05:31	0°♐	
	-1830 Mar 14 j 23:59	0°♑	
	-1830 Apr 25 j 16:48	0°♒	
	-1830 Jun 10 j 18:07	0°♓	
retrograde	-1830 Aug 17 j 22:45	24°♓24'08	
min. Earth dist.	-1830 Sep 16 j 09:31	18°♓25'42	0.49397 AU
greatest brilliancy	-1830 Sep 23 j 11:04	15°♓50'54	-2.2m
opposition	-1830 Sep 24 j 06:57	15°♓32'39	-3°10'36
direct	-1830 Oct 28 j 04:14	8°♓19'21	
asc. node	-1830 Nov 29 j 12:00	14°♓08'59	
	-1829 Jan 06 j 04:06	0°♈	
	-1829 Mar 02 j 14:40	0°♉	
	-1829 Apr 22 j 09:32	0°♊	
	-1829 Jun 10 j 02:50	0°♋	
evening set	-1829 Jul 22 j 09:48	27°♋02'48	
	-1829 Jul 26 j 22:12	0°♌	
max. Earth dist.	-1829 Aug 12 j 21:10	11°♌12'21	2.58751 AU
conjunction	-1829 Sep 07 j 17:28	28°♌40'46	0°54'13
minimum elong	-1829 Sep 07 j 18:53	28°♌43'10	0°54'13
	-1829 Sep 09 j 15:40	0°♍	
	-1829 Oct 22 j 07:34	0°♎	
morning rise	-1829 Oct 26 j 13:32	3°♎03'45	
	-1829 Dec 02 j 04:58	0°♏	
desc. node	-1829 Dec 13 j 21:01	8°♏45'27	
	-1828 Jan 10 j 19:46	0°♐	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1828 Feb 18 j 20:18	0°♉	
	-1828 Mar 29 j 03:49	0°♒	
	-1828 May 08 j 22:53	0°♓	
	-1828 Jun 22 j 06:36	0°♈	
	-1828 Aug 16 j 11:25	0°♉	
retrograde	-1828 Sep 28 j 00:45	10°♉06'27	
asc. node	-1828 Oct 16 j 10:38	7°♉41'48	
min. Earth dist.	-1828 Nov 01 j 18:06	2°♉09'06	0.60762 AU
opposition	-1828 Nov 06 j 16:25	0°♉11'09	0°52'55
greatest brilliancy	-1828 Nov 06 j 12:05	0°♉15'28	-1.7m
	-1828 Nov 07 j 03:36	30°♈℞	
direct	-1828 Dec 14 j 07:22	21°♈24'18	
	-1827 Jan 24 j 17:42	0°♉	
	-1827 Mar 29 j 04:20	0°♊	
	-1827 May 20 j 04:31	0°♋	
	-1827 Jul 07 j 02:27	0°♌	
	-1827 Aug 20 j 23:39	0°♍	
evening set	-1827 Sep 01 j 14:14	8°♍03'58	
max. Earth dist.	-1827 Sep 16 j 16:58	18°♍45'20	2.47452 AU
	-1827 Oct 02 j 07:00	0°♎	
conjunction	-1827 Oct 24 j 04:10	16°♎08'37	0°04'29
minimum elong	-1827 Oct 24 j 04:25	16°♎09'03	0°04'29
behind sun begin	-1827 Oct 23 j 05:42	15°♎26'41	
behind sun end	-1827 Oct 25 j 03:07	16°♎51'28	
desc. node	-1827 Oct 30 j 19:09	21°♎06'29	
	-1827 Nov 11 j 13:25	0°♏	
	-1827 Dec 20 j 11:11	0°♐	
morning rise	-1827 Dec 22 j 03:05	1°♐17'46	
	-1826 Jan 27 j 19:24	0°♑	
	-1826 Mar 07 j 10:56	0°♒	
	-1826 Apr 16 j 07:36	0°♓	
	-1826 May 28 j 09:29	0°♈	
	-1826 Jul 13 j 03:55	0°♉	
asc. node	-1826 Sep 03 j 10:19	29°♉06'33	
	-1826 Sep 05 j 07:30	0°♊	
retrograde	-1826 Nov 02 j 14:51	16°♊15'16	
min. Earth dist.	-1826 Dec 11 j 11:06	6°♊54'56	0.66780 AU
opposition	-1826 Dec 12 j 16:05	6°♊25'47	3°23'36
greatest brilliancy	-1826 Dec 12 j 11:11	6°♊30'43	-1.3m
	-1826 Dec 30 j 12:49	30°♉℞	
direct	-1825 Jan 21 j 17:44	26°♉47'50	
	-1825 Feb 14 j 23:49	0°♊	
	-1825 Apr 26 j 10:42	0°♋	
	-1825 Jun 16 j 17:22	0°♌	
	-1825 Aug 01 j 14:33	0°♍	
	-1825 Sep 13 j 01:18	0°♎	
desc. node	-1825 Sep 17 j 17:48	3°♎25'57	
	-1825 Oct 23 j 02:39	0°♏	
evening set	-1825 Oct 24 j 20:38	1°♏20'28	
	-1825 Nov 30 j 16:47	0°♐	
conjunction	-1825 Dec 26 j 23:23	20°♐42'33	-0°57'51
minimum elong	-1825 Dec 26 j 20:42	20°♐37'16	0°57'51
	-1824 Jan 07 j 18:14	0°♑	
max. Earth dist.	-1824 Jan 07 j 22:06	0°♑07'37	2.37429 AU
	-1824 Feb 15 j 05:07	0°♒	
morning rise	-1824 Mar 05 j 02:46	14°♒26'29	
	-1824 Mar 25 j 21:39	0°♓	
	-1824 May 06 j 13:05	0°♈	
	-1824 Jun 19 j 18:31	0°♉	
asc. node	-1824 Jul 21 j 10:05	20°♉12'09	
	-1824 Aug 06 j 11:52	0°♊	
	-1824 Sep 30 j 05:50	0°♋	
retrograde	-1824 Dec 06 j 13:02	19°♋45'43	
opposition	-1823 Jan 14 j 20:34	10°♋29'58	4°38'42
greatest brilliancy	-1823 Jan 15 j 05:13	10°♋21'25	-1.3m
min. Earth dist.	-1823 Jan 17 j 12:02	9°♋27'12	0.66430 AU
direct	-1823 Feb 25 j 01:38	0°♋29'19	
	-1823 May 21 j 16:20	0°♌	
	-1823 Jul 10 j 04:21	0°♍	
desc. node	-1823 Aug 04 j 16:49	17°♍14'51	
	-1823 Aug 22 j 17:00	0°♎	
	-1823 Oct 02 j 01:43	0°♏	
	-1823 Nov 09 j 17:23	0°♐	
	-1823 Dec 17 j 19:47	0°♑	
evening set	-1823 Dec 31 j 07:38	10°♑34'26	
	-1822 Jan 25 j 09:16	0°♒	
conjunction	-1822 Mar 06 j 03:17	29°♒55'06	-0°51'21
minimum elong	-1822 Mar 06 j 05:52	29°♒59'50	0°51'21
	-1822 Mar 06 j 05:57	0°♓	
	-1822 Apr 17 j 00:14	0°♈	
max. Earth dist.	-1822 Apr 18 j 16:15	1°♈09'58	2.49389 AU
morning rise	-1822 May 05 j 07:52	12°♈41'12	
	-1822 May 30 j 23:34	0°♉	
asc. node	-1822 Jun 08 j 08:39	5°♉32'47	
	-1822 Jul 16 j 06:23	0°♊	
	-1822 Sep 03 j 05:42	0°♋	
	-1822 Oct 27 j 07:48	0°♌	
retrograde	-1821 Jan 14 j 20:38	25°♌25'01	
opposition	-1821 Feb 21 j 06:29	17°♌07'05	4°29'34
greatest brilliancy	-1821 Feb 22 j 06:39	16°♌44'09	-1.6m
min. Earth dist.	-1821 Feb 27 j 15:28	14°♌42'06	0.59587 AU
direct	-1821 Apr 02 j 23:35	7°♌20'22	
	-1821 Jun 11 j 11:08	0°♍	
desc. node	-1821 Jun 22 j 14:56	6°♍16'09	
	-1821 Jul 30 j 01:07	0°♎	
	-1821 Sep 10 j 01:00	0°♏	
	-1821 Oct 19 j 11:14	0°♐	
	-1821 Nov 27 j 02:44	0°♑	
	-1820 Jan 05 j 04:46	0°♒	
	-1820 Feb 14 j 14:24	0°♓	
evening set	-1820 Mar 03 j 15:39	12°♓59'25	
	-1820 Mar 27 j 20:34	0°♈	
asc. node	-1820 Apr 25 j 07:38	19°♈26'33	
conjunction	-1820 Apr 28 j 03:59	21°♈21'26	0°01'43
minimum elong	-1820 Apr 28 j 03:51	21°♈21'13	0°01'44
behind sun begin	-1820 Apr 27 j 05:59	20°♈44'30	
behind sun end	-1820 Apr 29 j 01:44	21°♈57'54	
	-1820 May 11 j 02:43	0°♉	
max. Earth dist.	-1820 May 21 j 04:09	6°♉38'56	2.60393 AU
morning rise	-1820 Jun 18 j 00:26	24°♉46'48	
	-1820 Jun 26 j 03:18	0°♊	
	-1820 Aug 12 j 13:22	0°♋	
	-1820 Sep 30 j 08:00	0°♌	
	-1820 Nov 20 j 15:47	0°♍	
	-1819 Jan 20 j 22:15	0°♎	
retrograde	-1819 Mar 06 j 06:54	9°♎46'04	
opposition	-1819 Apr 09 j 06:48	3°♎06'05	1°42'29
greatest brilliancy	-1819 Apr 09 j 21:44	2°♎53'33	-2.3m
min. Earth dist.	-1819 Apr 17 j 18:39	0°♎15'57	0.47377 AU
	-1819 Apr 18 j 14:30	30°♍℞	
desc. node	-1819 May 09 j 14:02	25°♍17'14	
direct	-1819 May 16 j 13:07	24°♍56'56	
	-1819 Jun 13 j 21:17	0°♎	
	-1819 Aug 10 j 13:27	0°♏	
	-1819 Sep 22 j 22:48	0°♐	
	-1819 Nov 02 j 16:59	0°♑	
	-1819 Dec 13 j 08:17	0°♒	
	-1818 Jan 24 j 00:55	0°♓	
	-1818 Mar 08 j 08:32	0°♈	
asc. node	-1818 Mar 13 j 05:59	3°♈18'50	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

evening set	-1818 Apr 21 j 03:21	29°♈11'27	
	-1818 Apr 22 j 08:58	0°♉	
	-1818 Jun 07 j 17:09	0°♊	
conjunction	-1818 Jun 09 j 09:46	1°♊05'04	0°46'06
minimum elong	-1818 Jun 09 j 08:26	1°♊02'57	0°46'07
max. Earth dist.	-1818 Jun 15 j 20:45	5°♊13'05	2.66343 AU
	-1818 Jul 24 j 17:43	0°♋	
morning rise	-1818 Jul 25 j 14:07	0°♋32'27	
	-1818 Sep 09 j 20:43	0°♌	
	-1818 Oct 26 j 20:31	0°♍	
	-1818 Dec 13 j 00:37	0°♎	
	-1817 Jan 30 j 12:23	0°♏	
	-1817 Mar 25 j 22:51	0°♐	
desc. node	-1817 Mar 27 j 15:03	0°♐47'18	
retrograde	-1817 May 20 j 05:19	15°♐31'04	
opposition	-1817 Jun 19 j 12:43	10°♐31'09	-5°23'44
greatest brilliancy	-1817 Jun 19 j 15:16	10°♐29'27	-2.9m
min. Earth dist.	-1817 Jun 20 j 12:15	10°♐15'33	0.37669 AU
direct	-1817 Jul 19 j 18:42	5°♐25'22	
	-1817 Sep 27 j 23:37	0°♑	
	-1817 Nov 15 j 16:57	0°♒	
	-1817 Dec 31 j 12:29	0°♓	
asc. node	-1816 Jan 29 j 03:36	18°♓46'32	
	-1816 Feb 15 j 09:13	0°♈	
	-1816 Apr 02 j 00:25	0°♉	
	-1816 May 19 j 06:17	0°♊	
evening set	-1816 May 30 j 13:20	7°♊09'15	
	-1816 Jul 05 j 12:14	0°♋	
max. Earth dist.	-1816 Jul 08 j 05:24	1°♋43'59	2.66858 AU
conjunction	-1816 Jul 16 j 00:53	6°♋43'41	1°08'36
minimum elong	-1816 Jul 16 j 00:20	6°♋42'49	1°08'38
	-1816 Aug 21 j 02:01	0°♌	
morning rise	-1816 Aug 29 j 20:59	5°♌44'28	
	-1816 Oct 05 j 12:33	0°♍	
	-1816 Nov 18 j 17:03	0°♎	
	-1816 Dec 31 j 18:54	0°♏	
desc. node	-1815 Feb 11 j 14:24	29°♏37'44	
	-1815 Feb 12 j 02:54	0°♐	
	-1815 Mar 26 j 12:52	0°♑	
	-1815 May 10 j 09:19	0°♒	
	-1815 Jul 14 j 05:04	0°♓	
retrograde	-1815 Jul 28 j 15:44	1°♓27'32	
	-1815 Aug 11 j 19:47	30°♓℞	
min. Earth dist.	-1815 Aug 25 j 02:02	26°♒22'04	0.44305 AU
greatest brilliancy	-1815 Aug 31 j 19:45	24°♒06'43	-2.5m
opposition	-1815 Sep 02 j 02:43	23°♒40'37	-5°03'51
direct	-1815 Oct 04 j 03:29	17°♒20'19	
	-1815 Nov 22 j 19:45	0°♓	
asc. node	-1815 Dec 16 j 02:59	11°♓06'01	
	-1814 Jan 19 j 18:41	0°♈	
	-1814 Mar 11 j 18:11	0°♉	
	-1814 Apr 30 j 00:55	0°♊	
	-1814 Jun 17 j 03:42	0°♋	
evening set	-1814 Jul 07 j 10:30	12°♋54'53	
max. Earth dist.	-1814 Aug 02 j 02:47	29°♋33'23	2.62018 AU
	-1814 Aug 02 j 19:02	0°♌	
conjunction	-1814 Aug 22 j 21:56	13°♌18'33	1°04'17
minimum elong	-1814 Aug 22 j 22:54	13°♌20'10	1°04'18
	-1814 Sep 16 j 14:50	0°♍	
morning rise	-1814 Oct 08 j 17:34	15°♍17'17	
	-1814 Oct 29 j 13:42	0°♎	
	-1814 Dec 09 j 20:54	0°♏	
desc. node	-1814 Dec 30 j 13:01	15°♏23'03	
	-1813 Jan 18 j 22:57	0°♐	
	-1813 Feb 27 j 11:04	0°♑	
	-1813 Apr 08 j 07:57	0°♒	
	-1813 May 20 j 01:43	0°♓	
	-1813 Jul 06 j 04:48	0°♈	
retrograde	-1813 Sep 13 j 20:45	24°♈09'36	
min. Earth dist.	-1813 Oct 16 j 15:32	16°♈54'00	0.56801 AU
opposition	-1813 Oct 22 j 22:05	14°♈26'39	-0°29'52
greatest brilliancy	-1813 Oct 22 j 19:31	14°♈29'10	-1.8m
asc. node	-1813 Nov 03 j 02:56	10°♈21'55	
direct	-1813 Nov 28 j 05:06	6°♈10'12	
	-1812 Feb 12 j 01:52	0°♉	
	-1812 Apr 07 j 14:10	0°♊	
	-1812 May 27 j 21:39	0°♋	
	-1812 Jul 14 j 06:28	0°♌	
evening set	-1812 Aug 15 j 08:20	21°♌19'20	
	-1812 Aug 28 j 01:03	0°♍	
max. Earth dist.	-1812 Aug 31 j 16:26	2°♍30'50	2.52280 AU
conjunction	-1812 Oct 04 j 05:43	26°♍13'35	0°27'42
minimum elong	-1812 Oct 04 j 07:00	26°♍15'53	0°27'40
	-1812 Oct 09 j 10:55	0°♎	
desc. node	-1812 Nov 16 j 11:54	28°♎10'05	
	-1812 Nov 18 j 22:07	0°♏	
morning rise	-1812 Nov 27 j 06:55	6°♏20'44	
	-1812 Dec 28 j 01:20	0°♐	
	-1811 Feb 04 j 14:25	0°♑	
	-1811 Mar 15 j 10:06	0°♒	
	-1811 Apr 24 j 11:53	0°♓	
	-1811 Jun 06 j 01:08	0°♈	
	-1811 Jul 23 j 09:25	0°♉	
asc. node	-1811 Sep 20 j 01:57	27°♉48'00	
	-1811 Sep 27 j 19:32	0°♊	
retrograde	-1811 Oct 20 j 03:30	2°♊58'22	
	-1811 Nov 09 j 22:53	30°℞♉	
min. Earth dist.	-1811 Nov 26 j 11:55	24°♉07'22	0.65158 AU
opposition	-1811 Nov 29 j 04:35	23°♉02'16	2°34'53
greatest brilliancy	-1811 Nov 28 j 21:27	23°♉09'28	-1.4m
direct	-1810 Jan 07 j 10:54	13°♉40'44	
	-1810 Mar 09 j 06:21	0°♊	
	-1810 May 06 j 03:50	0°♋	
	-1810 Jun 24 j 16:05	0°♌	
	-1810 Aug 09 j 01:04	0°♍	
	-1810 Sep 20 j 09:31	0°♎	
evening set	-1810 Oct 02 j 05:25	8°♎42'03	
desc. node	-1810 Oct 04 j 10:30	10°♎20'30	
max. Earth dist.	-1810 Oct 25 j 23:13	26°♎32'20	2.39884 AU
	-1810 Oct 30 j 12:10	0°♏	
conjunction	-1810 Nov 29 j 21:24	23°♏30'13	-0°36'49
minimum elong	-1810 Nov 29 j 18:53	23°♏25'18	0°36'49
	-1810 Dec 08 j 04:37	0°♐	
	-1809 Jan 15 j 07:47	0°♑	
morning rise	-1809 Feb 04 j 23:26	16°♑10'41	
	-1809 Feb 22 j 19:14	0°♒	
	-1809 Apr 03 j 11:43	0°♓	
	-1809 May 15 j 04:20	0°♈	
	-1809 Jun 28 j 17:36	0°♉	
asc. node	-1809 Aug 08 j 00:47	24°♉56'41	
	-1809 Aug 16 j 18:18	0°♊	
	-1809 Oct 18 j 10:48	0°♋	
retrograde	-1809 Nov 23 j 18:11	6°♋55'24	
	-1809 Dec 26 j 20:23	30°℞♊	
opposition	-1808 Jan 02 j 11:41	27°♊23'50	4°18'14
greatest brilliancy	-1808 Jan 02 j 14:07	27°♊21'24	-1.3m
min. Earth dist.	-1808 Jan 03 j 14:47	26°♊56'48	0.67348 AU
direct	-1808 Feb 12 j 09:58	17°♊28'44	
	-1808 Apr 03 j 22:55	0°♋	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1808 Jun 01 j 03:34	0°♌	
	-1808 Jul 18 j 15:48	0°♍	
desc. node	-1808 Aug 21 j 08:55	23°♍20'39	
	-1808 Aug 30 j 14:44	0°♎	
	-1808 Oct 09 j 18:58	0°♏	
	-1808 Nov 17 j 09:04	0°♐	
evening set	-1808 Dec 03 j 14:22	12°♐47'08	
	-1808 Dec 25 j 10:11	0°♑	
	-1807 Feb 01 j 21:37	0°♒	
conjunction	-1807 Feb 08 j 04:06	4°♒48'41	-1°04'14
minimum elong	-1807 Feb 08 j 05:37	4°♒51'34	1°04'15
	-1807 Mar 13 j 15:31	0°♓	
max. Earth dist.	-1807 Mar 29 j 17:13	11°♓45'40	2.44120 AU
morning rise	-1807 Apr 14 j 01:04	22°♓45'36	
	-1807 Apr 24 j 07:03	0°♈	
	-1807 Jun 07 j 06:11	0°♉	
asc. node	-1807 Jun 25 j 00:41	11°♉39'33	
	-1807 Jul 23 j 20:41	0°♊	
	-1807 Sep 12 j 03:05	0°♋	
	-1807 Nov 11 j 09:48	0°♌	
retrograde	-1807 Dec 29 j 15:41	11°♌08'14	
opposition	-1806 Feb 05 j 23:25	2°♌23'57	4°45'30
greatest brilliancy	-1806 Feb 06 j 18:16	2°♌05'41	-1.5m
min. Earth dist.	-1806 Feb 10 j 22:27	0°♌28'40	0.63031 AU
	-1806 Feb 12 j 04:25	30°℞♋	
direct	-1806 Mar 19 j 03:03	22°♋25'34	
	-1806 Apr 25 j 17:55	0°♌	
	-1806 Jun 24 j 04:07	0°♍	
desc. node	-1806 Jul 09 j 08:28	9°♍30'47	
	-1806 Aug 08 j 17:31	0°♎	
	-1806 Sep 18 j 19:20	0°♏	
	-1806 Oct 27 j 19:07	0°♐	
	-1806 Dec 05 j 03:15	0°♑	
	-1805 Jan 12 j 22:26	0°♒	
evening set	-1805 Feb 09 j 23:39	21°♒06'30	
	-1805 Feb 22 j 01:20	0°♓	
	-1805 Apr 05 j 01:16	0°♈	
conjunction	-1805 Apr 10 j 01:33	3°♈29'01	-0°19'29
minimum elong	-1805 Apr 10 j 02:38	3°♈30'54	0°19'28
max. Earth dist.	-1805 May 10 j 19:41	24°♈26'59	2.56643 AU
asc. node	-1805 May 12 j 22:47	25°♈52'33	
	-1805 May 19 j 03:08	0°♉	
morning rise	-1805 Jun 02 j 22:13	9°♉46'38	
	-1805 Jul 04 j 03:44	0°♊	
	-1805 Aug 20 j 23:12	0°♋	
	-1805 Oct 10 j 00:34	0°♌	
	-1805 Dec 04 j 16:11	0°♍	
retrograde	-1804 Feb 13 j 00:38	20°♍58'21	
opposition	-1804 Mar 19 j 13:46	13°♍33'26	3°15'42
greatest brilliancy	-1804 Mar 20 j 14:32	13°♍11'12	-2.0m
min. Earth dist.	-1804 Mar 27 j 16:34	10°♍39'26	0.52606 AU
direct	-1804 Apr 27 j 16:42	4°♍30'32	
desc. node	-1804 May 26 j 07:25	9°♍29'15	
	-1804 Jul 08 j 18:22	0°♎	
	-1804 Aug 23 j 16:51	0°♏	
	-1804 Oct 03 j 15:20	0°♐	
	-1804 Nov 12 j 04:26	0°♑	
	-1804 Dec 21 j 23:22	0°♒	
	-1803 Jan 31 j 23:53	0°♓	
	-1803 Mar 15 j 18:39	0°♈	
asc. node	-1803 Mar 29 j 20:47	9°♈35'52	
evening set	-1803 Apr 03 j 15:51	12°♈50'08	
	-1803 Apr 29 j 09:54	0°♉	
conjunction	-1803 May 24 j 21:37	16°♉40'08	0°31'12
minimum elong	-1803 May 24 j 20:28	16°♉38'16	0°31'13
max. Earth dist.	-1803 Jun 06 j 08:11	24°♉42'51	2.64660 AU
	-1803 Jun 14 j 13:22	0°♊	
morning rise	-1803 Jul 11 j 10:51	17°♊11'08	
	-1803 Jul 31 j 15:29	0°♋	
	-1803 Sep 17 j 05:17	0°♌	
	-1803 Nov 04 j 07:56	0°♍	
	-1803 Dec 24 j 00:50	0°♎	
	-1802 Feb 17 j 20:36	0°♏	
desc. node	-1802 Apr 13 j 06:34	16°♏28'37	
retrograde	-1802 Apr 18 j 06:53	16°♏38'00	
opposition	-1802 May 19 j 10:27	11°♏14'50	-2°24'19
greatest brilliancy	-1802 May 19 j 21:41	11°♏06'44	-2.8m
min. Earth dist.	-1802 May 25 j 04:48	9°♏35'27	0.40080 AU
direct	-1802 Jun 21 j 11:00	5°♏05'59	
	-1802 Aug 29 j 13:54	0°♐	
	-1802 Oct 15 j 04:05	0°♑	
	-1802 Nov 27 j 14:19	0°♒	
	-1801 Jan 10 j 01:21	0°♓	
asc. node	-1801 Feb 14 j 20:01	24°♓10'32	
	-1801 Feb 23 j 13:56	0°♈	
	-1801 Apr 10 j 09:44	0°♉	
evening set	-1801 May 16 j 09:36	23°♉06'45	
	-1801 May 27 j 04:43	0°♊	
max. Earth dist.	-1801 Jun 30 j 07:45	21°♊43'48	2.67299 AU
conjunction	-1801 Jul 02 j 15:22	23°♊12'22	1°02'49
minimum elong	-1801 Jul 02 j 14:22	23°♊10'46	1°02'50
	-1801 Jul 13 j 07:02	0°♋	
morning rise	-1801 Aug 16 j 15:36	22°♋01'20	
	-1801 Aug 29 j 00:08	0°♌	
	-1801 Oct 13 j 21:40	0°♍	
	-1801 Nov 27 j 22:19	0°♎	
	-1800 Jan 11 j 07:24	0°♏	
	-1800 Feb 24 j 15:10	0°♐	
desc. node	-1800 Feb 29 j 06:48	3°♐07'10	
	-1800 Apr 10 j 16:04	0°♑	
	-1800 Jun 09 j 01:35	0°♒	
retrograde	-1800 Jul 04 j 16:24	4°♒19'14	
	-1800 Jul 30 j 18:27	30°℞♑	
min. Earth dist.	-1800 Jul 31 j 08:54	29°♑49'29	0.39996 AU
greatest brilliancy	-1800 Aug 05 j 09:28	28°♑19'38	-2.7m
opposition	-1800 Aug 06 j 16:41	27°♑56'14	-6°32'11
direct	-1800 Sep 05 j 23:41	22°♑29'50	
	-1800 Oct 12 j 07:34	0°♒	
	-1800 Dec 11 j 08:46	0°♓	
asc. node	-1799 Jan 01 j 19:19	12°♓36'36	
	-1799 Jan 30 j 11:43	0°♈	
	-1799 Mar 20 j 03:05	0°♉	
	-1799 May 07 j 09:21	0°♊	
evening set	-1799 Jun 22 j 17:09	29°♊08'14	
	-1799 Jun 24 j 01:44	0°♋	
max. Earth dist.	-1799 Jul 23 j 01:51	18°♋35'00	2.64534 AU
conjunction	-1799 Aug 07 j 20:36	28°♋50'26	1°09'28
minimum elong	-1799 Aug 07 j 20:58	28°♋51'02	1°09'30
	-1799 Aug 09 j 15:09	0°♌	
morning rise	-1799 Sep 22 j 10:31	29°♌11'09	
	-1799 Sep 23 j 15:19	0°♍	
	-1799 Nov 05 j 23:39	0°♎	
	-1799 Dec 17 j 19:52	0°♏	
desc. node	-1798 Jan 16 j 06:04	21°♏37'08	
	-1798 Jan 27 j 13:08	0°♐	
	-1798 Mar 08 j 18:13	0°♑	
	-1798 Apr 18 j 13:25	0°♒	
	-1798 Jun 01 j 05:35	0°♓	
	-1798 Jul 27 j 20:53	0°♈	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

retrograde	-1798 Aug 28 j 06:39	6°♈13'32	
	-1798 Sep 27 j 07:21	30°℞♓	
min. Earth dist.	-1798 Sep 27 j 22:44	29°♓45'51	0.52152 AU
opposition	-1798 Oct 05 j 08:48	26°♓57'45	-2°08'05
greatest brilliancy	-1798 Oct 04 j 19:54	27°♓09'57	-2.1m
direct	-1798 Nov 09 j 03:25	19°♓19'25	
asc. node	-1798 Nov 19 j 17:59	20°♓01'42	
	-1798 Dec 25 j 03:00	0°♈	
	-1797 Feb 24 j 00:24	0°♉	
	-1797 Apr 17 j 01:46	0°♊	
	-1797 Jun 05 j 06:56	0°♋	
	-1797 Jul 22 j 06:54	0°♌	
evening set	-1797 Jul 31 j 06:14	5°♌53'49	
max. Earth dist.	-1797 Aug 19 j 15:54	18°♌50'48	2.56608 AU
	-1797 Sep 05 j 00:49	0°♍	
conjunction	-1797 Sep 17 j 07:34	8°♍30'10	0°46'00
minimum elong	-1797 Sep 17 j 09:05	8°♍32'48	0°46'00
	-1797 Oct 17 j 14:49	0°♎	
morning rise	-1797 Nov 06 j 16:45	14°♎38'20	
	-1797 Nov 27 j 08:35	0°♏	
desc. node	-1797 Dec 04 j 04:22	5°♏08'01	
	-1796 Jan 05 j 19:10	0°♐	
	-1796 Feb 13 j 15:14	0°♑	
	-1796 Mar 23 j 17:27	0°♒	
	-1796 May 03 j 04:06	0°♓	
	-1796 Jun 15 j 14:01	0°♈	
	-1796 Aug 05 j 06:18	0°♉	
retrograde	-1796 Oct 06 j 06:16	18°♉58'49	
asc. node	-1796 Oct 06 j 17:38	18°♉58'43	
min. Earth dist.	-1796 Nov 10 j 22:57	10°♉41'20	0.62577 AU
opposition	-1796 Nov 15 j 02:52	9°♉01'13	1°34'09
greatest brilliancy	-1796 Nov 14 j 20:21	9°♉07'45	-1.6m
direct	-1796 Dec 23 j 09:06	0°♉00'38	
	-1795 Mar 22 j 06:25	0°♊	
	-1795 May 14 j 19:56	0°♋	
	-1795 Jul 02 j 06:07	0°♌	
	-1795 Aug 16 j 07:28	0°♍	
evening set	-1795 Sep 12 j 02:14	18°♍46'45	
	-1795 Sep 27 j 15:29	0°♎	
max. Earth dist.	-1795 Sep 27 j 22:35	0°♎12'56	2.44650 AU
desc. node	-1795 Oct 21 j 03:50	17°♎22'59	
conjunction	-1795 Nov 05 j 14:45	29°♎03'20	-0°10'28
minimum elong	-1795 Nov 05 j 14:03	29°♎02'01	0°10'28
behind sun begin	-1795 Nov 04 j 18:56	28°♎25'40	
behind sun end	-1795 Nov 06 j 09:10	29°♎38'23	
	-1795 Nov 06 j 20:32	0°♏	
	-1795 Dec 15 j 16:12	0°♐	
morning rise	-1794 Jan 06 j 16:48	17°♐15'53	
	-1794 Jan 22 j 22:13	0°♑	
	-1794 Mar 02 j 11:31	0°♒	
	-1794 Apr 11 j 05:38	0°♓	
	-1794 May 23 j 02:21	0°♈	
	-1794 Jul 07 j 05:56	0°♉	
asc. node	-1794 Aug 24 j 16:40	28°♉25'33	
	-1794 Aug 27 j 16:31	0°♊	
retrograde	-1794 Nov 10 j 07:29	24°♊07'20	
opposition	-1794 Dec 20 j 07:00	14°♊23'14	3°46'47
greatest brilliancy	-1794 Dec 20 j 04:14	14°♊26'01	-1.3m
min. Earth dist.	-1794 Dec 19 j 21:33	14°♊32'44	0.67271 AU
direct	-1793 Jan 29 j 17:21	4°♊38'11	
	-1793 Apr 19 j 05:13	0°♋	
	-1793 Jun 11 j 05:47	0°♌	
	-1793 Jul 27 j 15:17	0°♍	
desc. node	-1793 Sep 08 j 03:11	29°♍53'52	
	-1793 Sep 08 j 06:33	0°♎	
	-1793 Oct 18 j 09:02	0°♏	
evening set	-1793 Nov 07 j 19:16	15°♏46'53	
	-1793 Nov 25 j 23:05	0°♐	
	-1792 Jan 02 j 23:57	0°♑	
conjunction	-1792 Jan 11 j 23:07	7°♑03'15	-1°04'27
minimum elong	-1792 Jan 11 j 21:39	7°♑00'23	1°04'28
	-1792 Feb 10 j 10:06	0°♒	
max. Earth dist.	-1792 Feb 25 j 02:30	11°♒14'45	2.39063 AU
morning rise	-1792 Mar 20 j 12:23	29°♒34'52	
	-1792 Mar 21 j 01:58	0°♓	
	-1792 May 01 j 16:02	0°♈	
	-1792 Jun 14 j 17:14	0°♉	
asc. node	-1792 Jul 11 j 15:05	17°♉24'13	
	-1792 Jul 31 j 21:07	0°♊	
	-1792 Sep 22 j 08:34	0°♋	
retrograde	-1792 Dec 14 j 17:34	27°♋42'02	
opposition	-1791 Jan 22 j 17:51	18°♋36'24	4°44'58
greatest brilliancy	-1791 Jan 23 j 06:10	18°♋24'17	-1.4m
min. Earth dist.	-1791 Jan 26 j 04:59	17°♋14'39	0.65501 AU
direct	-1791 Mar 05 j 00:09	8°♋34'58	
	-1791 May 13 j 16:32	0°♌	
	-1791 Jul 04 j 07:52	0°♍	
desc. node	-1791 Jul 26 j 01:16	14°♍22'08	
	-1791 Aug 17 j 10:55	0°♎	
	-1791 Sep 27 j 01:05	0°♏	
	-1791 Nov 04 j 19:24	0°♐	
	-1791 Dec 12 j 23:27	0°♑	
evening set	-1790 Jan 15 j 12:56	26°♑07'12	
	-1790 Jan 20 j 14:08	0°♒	
	-1790 Mar 01 j 11:57	0°♓	
conjunction	-1790 Mar 19 j 12:28	13°♓07'14	-0°40'38
minimum elong	-1790 Mar 19 j 14:45	13°♓11'20	0°40'37
	-1790 Apr 12 j 06:57	0°♈	
max. Earth dist.	-1790 Apr 27 j 15:40	10°♈39'33	2.52114 AU
morning rise	-1790 May 16 j 06:30	23°♈19'38	
	-1790 May 26 j 05:39	0°♉	
asc. node	-1790 May 29 j 14:53	2°♉15'01	
	-1790 Jul 11 j 08:24	0°♊	
	-1790 Aug 28 j 18:28	0°♋	
	-1790 Oct 19 j 21:23	0°♌	
	-1790 Dec 26 j 15:33	0°♍	
retrograde	-1789 Jan 24 j 19:25	4°♍31'20	
	-1789 Feb 20 j 16:33	30°℞♌	
opposition	-1789 Mar 02 j 15:09	26°♌30'14	4°10'23
greatest brilliancy	-1789 Mar 03 j 16:56	26°♌06'09	-1.7m
min. Earth dist.	-1789 Mar 09 j 17:03	23°♌51'53	0.57311 AU
direct	-1789 Apr 11 j 22:03	16°♌54'52	
	-1789 May 31 j 16:43	0°♍	
desc. node	-1789 Jun 12 j 23:37	6°♍02'36	
	-1789 Jul 23 j 05:27	0°♎	
	-1789 Sep 04 j 03:49	0°♏	
	-1789 Oct 13 j 23:40	0°♐	
	-1789 Nov 21 j 21:05	0°♑	
	-1789 Dec 31 j 03:35	0°♒	
	-1788 Feb 09 j 17:07	0°♓	
evening set	-1788 Mar 15 j 10:38	24°♓40'46	
	-1788 Mar 23 j 02:30	0°♈	
asc. node	-1788 Apr 15 j 13:52	16°♈02'22	
	-1788 May 06 j 10:39	0°♉	
conjunction	-1788 May 08 j 06:17	1°♉12'15	0°13'13
minimum elong	-1788 May 08 j 05:40	1°♉11'15	0°13'14
behind sun begin	-1788 May 07 j 17:54	0°♉51'45	
behind sun end	-1788 May 08 j 17:27	1°♉30'44	
max. Earth dist.	-1788 May 27 j 07:07	13°♉42'48	2.62128 AU

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1788 Jun 21 j 11:04	0°♊	
morning rise	-1788 Jun 26 j 18:25	3°♊24'13	
	-1788 Aug 07 j 16:57	0°♋	
	-1788 Sep 24 j 22:36	0°♌	
	-1788 Nov 13 j 18:37	0°♍	
	-1787 Jan 07 j 12:03	0°♎	
retrograde	-1787 Mar 20 j 13:13	22°♎11'56	
opposition	-1787 Apr 22 j 12:41	15°♎59'49	0°27'08
greatest brilliancy	-1787 Apr 22 j 16:49	15°♎56'31	-2.5m
desc. node	-1787 Apr 29 j 23:27	13°♎37'29	
min. Earth dist.	-1787 Apr 30 j 16:41	13°♎24'07	0.44539 AU
direct	-1787 May 28 j 11:45	8°♎29'40	
	-1787 Jul 30 j 18:11	0°♏	
	-1787 Sep 15 j 08:05	0°♐	
	-1787 Oct 27 j 06:34	0°♑	
	-1787 Dec 07 j 13:56	0°♒	
	-1786 Jan 18 j 17:33	0°♓	
asc. node	-1786 Mar 03 j 11:36	0°♈04'20	
	-1786 Mar 03 j 09:02	0°♈	
	-1786 Apr 17 j 14:48	0°♉	
evening set	-1786 Apr 30 j 14:00	8°♉26'09	
	-1786 Jun 03 j 01:52	0°♊	
conjunction	-1786 Jun 18 j 00:03	9°♊32'14	0°53'16
minimum elong	-1786 Jun 17 j 22:46	9°♊30'13	0°53'17
max. Earth dist.	-1786 Jun 21 j 05:56	11°♊36'29	2.66912 AU
	-1786 Jul 20 j 02:26	0°♋	
morning rise	-1786 Aug 02 j 15:21	8°♋38'03	
	-1786 Sep 05 j 00:59	0°♌	
	-1786 Oct 21 j 13:44	0°♍	
	-1786 Dec 06 j 19:20	0°♎	
	-1785 Jan 22 j 07:49	0°♏	
	-1785 Mar 11 j 21:42	0°♐	
desc. node	-1785 Mar 17 j 22:56	3°♐30'59	
	-1785 May 14 j 05:16	0°♑	
retrograde	-1785 Jun 07 j 03:22	3°♑32'13	
	-1785 Jul 01 j 10:18	30°℞♐	
min. Earth dist.	-1785 Jul 05 j 19:24	28°♐51'14	0.37684 AU
opposition	-1785 Jul 07 j 19:42	28°♐18'52	-6°27'39
greatest brilliancy	-1785 Jul 07 j 08:39	28°♐26'17	-2.9m
direct	-1785 Aug 06 j 13:41	23°♐21'36	
	-1785 Sep 08 j 22:22	0°♑	
	-1785 Nov 06 j 16:37	0°♒	
	-1785 Dec 24 j 20:43	0°♓	
asc. node	-1784 Jan 19 j 10:38	16°♓20'50	
	-1784 Feb 09 j 18:59	0°♈	
	-1784 Mar 27 j 23:35	0°♉	
	-1784 May 14 j 12:38	0°♊	
evening set	-1784 Jun 08 j 00:47	15°♊28'30	
	-1784 Jun 30 j 21:53	0°♋	
max. Earth dist.	-1784 Jul 13 j 13:45	8°♋05'26	2.66256 AU
conjunction	-1784 Jul 24 j 06:42	14°♋57'57	1°10'09
minimum elong	-1784 Jul 24 j 06:28	14°♋57'35	1°10'10
	-1784 Aug 16 j 11:21	0°♌	
morning rise	-1784 Sep 07 j 05:39	14°♌18'14	
	-1784 Sep 30 j 17:56	0°♍	
	-1784 Nov 13 j 14:26	0°♎	
	-1784 Dec 26 j 03:59	0°♏	
desc. node	-1783 Feb 01 j 22:31	27°♏12'23	
	-1783 Feb 05 j 18:58	0°♐	
	-1783 Mar 19 j 03:45	0°♑	
	-1783 Apr 30 j 19:48	0°♒	
	-1783 Jun 19 j 00:56	0°♓	
retrograde	-1783 Aug 09 j 14:05	15°♓23'15	
min. Earth dist.	-1783 Sep 07 j 02:06	9°♓48'16	0.47107 AU
greatest brilliancy	-1783 Sep 14 j 02:40	7°♓19'20	-2.3m
opposition	-1783 Sep 15 j 03:49	6°♓56'58	-3°59'31
direct	-1783 Oct 18 j 05:59	0°♓06'06	
asc. node	-1783 Dec 06 j 09:56	12°♓22'44	
	-1782 Jan 11 j 17:38	0°♈	
	-1782 Mar 05 j 21:20	0°♉	
	-1782 Apr 24 j 23:10	0°♊	
	-1782 Jun 12 j 10:22	0°♋	
evening set	-1782 Jul 15 j 22:43	21°♋22'37	
	-1782 Jul 29 j 04:45	0°♌	
max. Earth dist.	-1782 Aug 08 j 05:09	6°♌35'22	2.60315 AU
conjunction	-1782 Aug 31 j 19:32	22°♌22'29	0°59'04
minimum elong	-1782 Aug 31 j 20:46	22°♌24'35	0°59'05
	-1782 Sep 12 j 00:16	0°♍	
morning rise	-1782 Oct 18 j 15:15	25°♍34'10	
	-1782 Oct 24 j 20:16	0°♎	
	-1782 Dec 04 j 22:36	0°♏	
desc. node	-1782 Dec 20 j 22:19	11°♏57'06	
	-1781 Jan 13 j 18:31	0°♐	
	-1781 Feb 21 j 23:48	0°♑	
	-1781 Apr 02 j 11:44	0°♒	
	-1781 May 13 j 13:35	0°♓	
	-1781 Jun 27 j 16:14	0°♈	
	-1781 Aug 28 j 13:10	0°♉	
retrograde	-1781 Sep 22 j 16:40	3°♉56'16	
	-1781 Oct 16 j 07:27	30°℞♈	
asc. node	-1781 Oct 24 j 08:06	27°♈09'11	
min. Earth dist.	-1781 Oct 26 j 13:51	26°♈17'04	0.59099 AU
opposition	-1781 Nov 01 j 03:28	24°♈04'44	0°20'06
greatest brilliancy	-1781 Nov 01 j 01:38	24°♈06'33	-1.7m
direct	-1781 Dec 08 j 04:46	15°♈30'38	
	-1780 Feb 02 j 06:29	0°♉	
	-1780 Apr 01 j 12:52	0°♊	
	-1780 May 22 j 19:14	0°♋	
	-1780 Jul 09 j 12:26	0°♌	
	-1780 Aug 23 j 09:42	0°♍	
evening set	-1780 Aug 24 j 23:49	1°♍05'40	
max. Earth dist.	-1780 Sep 09 j 09:33	11°♍49'37	2.49671 AU
	-1780 Oct 04 j 19:26	0°♎	
conjunction	-1780 Oct 15 j 05:47	7°♎37'23	0°14'57
minimum elong	-1780 Oct 15 j 06:35	7°♎38'51	0°14'55
behind sun begin	-1780 Oct 14 j 21:22	7°♎21'56	
behind sun end	-1780 Oct 15 j 15:47	7°♎55'47	
desc. node	-1780 Nov 06 j 20:43	24°♎27'23	
	-1780 Nov 14 j 04:51	0°♏	
morning rise	-1780 Dec 10 j 20:38	20°♏24'41	
	-1780 Dec 23 j 05:29	0°♐	
	-1779 Jan 30 j 15:53	0°♑	
	-1779 Mar 10 j 08:33	0°♒	
	-1779 Apr 19 j 06:02	0°♓	
	-1779 May 31 j 10:24	0°♈	
	-1779 Jul 16 j 15:15	0°♉	
asc. node	-1779 Sep 10 j 07:30	29°♉30'05	
	-1779 Sep 11 j 12:00	0°♊	
retrograde	-1779 Oct 27 j 22:14	11°♊07'12	
min. Earth dist.	-1779 Dec 05 j 02:40	1°♊59'50	0.66178 AU
opposition	-1779 Dec 07 j 00:11	1°♊14'03	3°04'47
greatest brilliancy	-1779 Dec 06 j 17:53	1°♊20'23	-1.4m
	-1779 Dec 10 j 02:11	30°℞♉	
direct	-1778 Jan 15 j 17:56	21°♉43'00	
	-1778 Feb 25 j 16:01	0°♊	
	-1778 Apr 29 j 23:17	0°♋	
	-1778 Jun 19 j 11:54	0°♌	
	-1778 Aug 04 j 05:04	0°♍	
	-1778 Sep 15 j 16:09	0°♎	
desc. node	-1778 Sep 24 j 19:05	6°♎41'35	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

evening set	-1778 Oct 14 j 16:36	21°♎33'39	
	-1778 Oct 25 j 18:56	0°♏	
max. Earth dist.	-1778 Nov 24 j 01:40	22°♏39'38	2.37888 AU
	-1778 Dec 03 j 10:30	0°♐	
conjunction	-1778 Dec 14 j 20:55	8°♐59'26	-0°49'54
minimum elong	-1778 Dec 14 j 17:57	8°♐53'36	0°49'55
	-1777 Jan 10 j 12:43	0°♑	
	-1777 Feb 17 j 23:16	0°♒	
morning rise	-1777 Feb 21 j 14:42	2°♒48'21	
	-1777 Mar 29 j 14:39	0°♓	
	-1777 May 10 j 05:05	0°♈	
	-1777 Jun 23 j 11:27	0°♉	
asc. node	-1777 Jul 29 j 07:37	22°♉39'07	
	-1777 Aug 10 j 13:46	0°♊	
	-1777 Oct 06 j 10:01	0°♋	
retrograde	-1777 Dec 01 j 15:13	14°♋43'46	
opposition	-1776 Jan 10 j 03:31	5°♋20'24	4°31'24
greatest brilliancy	-1776 Jan 10 j 09:16	5°♋14'41	-1.3m
min. Earth dist.	-1776 Jan 12 j 02:15	4°♋33'58	0.66970 AU
	-1776 Jan 24 j 08:45	30°℞♊	
direct	-1776 Feb 20 j 06:09	25°♊21'44	
	-1776 Mar 20 j 15:49	0°♋	
	-1776 May 25 j 15:16	0°♌	
	-1776 Jul 13 j 06:37	0°♍	
desc. node	-1776 Aug 11 j 17:58	20°♍07'20	
	-1776 Aug 25 j 14:32	0°♎	
	-1776 Oct 04 j 22:06	0°♏	
	-1776 Nov 12 j 13:20	0°♐	
evening set	-1776 Dec 19 j 05:34	28°♐54'16	
	-1776 Dec 20 j 14:59	0°♑	
	-1775 Jan 28 j 02:46	0°♒	
conjunction	-1775 Feb 23 j 04:33	19°♒48'47	-0°58'03
minimum elong	-1775 Feb 23 j 06:58	19°♒53'19	0°58'03
	-1775 Mar 08 j 21:02	0°♓	
max. Earth dist.	-1775 Apr 11 j 02:32	24°♓03'17	2.47060 AU
	-1775 Apr 19 j 12:46	0°♈	
morning rise	-1775 Apr 26 j 11:47	4°♈51'52	
	-1775 Jun 02 j 10:20	0°♉	
asc. node	-1775 Jun 15 j 06:24	8°♉28'29	
	-1775 Jul 18 j 18:36	0°♊	
	-1775 Sep 06 j 03:43	0°♋	
	-1775 Nov 01 j 01:13	0°♌	
retrograde	-1774 Jan 07 j 18:00	19°♌38'32	
opposition	-1774 Feb 14 j 14:17	11°♌08'04	4°38'09
greatest brilliancy	-1774 Feb 15 j 12:12	10°♌47'03	-1.6m
min. Earth dist.	-1774 Feb 20 j 07:59	8°♌56'10	0.61244 AU
direct	-1774 Mar 27 j 12:57	1°♌15'07	
	-1774 Jun 16 j 15:54	0°♍	
desc. node	-1774 Jun 29 j 16:27	7°♍43'55	
	-1774 Aug 02 j 18:57	0°♎	
	-1774 Sep 13 j 09:23	0°♏	
	-1774 Oct 22 j 15:01	0°♐	
	-1774 Nov 30 j 02:55	0°♑	
	-1773 Jan 08 j 00:58	0°♒	
	-1773 Feb 17 j 06:15	0°♓	
evening set	-1773 Feb 23 j 03:23	4°♓16'42	
	-1773 Mar 31 j 08:15	0°♈	
conjunction	-1773 Apr 21 j 04:23	14°♈20'27	-0°07'11
minimum elong	-1773 Apr 21 j 04:45	14°♈21'05	0°07'09
behind sun begin	-1773 Apr 20 j 08:17	13°♈46'16	
behind sun end	-1773 Apr 22 j 01:13	14°♈55'51	
asc. node	-1773 May 03 j 05:04	22°♈28'38	
	-1773 May 14 j 11:01	0°♉	
max. Earth dist.	-1773 May 17 j 15:13	2°♉06'31	2.58806 AU
morning rise	-1773 Jun 12 j 06:46	18°♉56'10	
	-1773 Jun 29 j 10:25	0°♊	
	-1773 Aug 15 j 23:18	0°♋	
	-1773 Oct 04 j 04:42	0°♌	
	-1773 Nov 25 j 22:21	0°♍	
	-1772 Feb 07 j 17:46	0°♎	
retrograde	-1772 Feb 25 j 04:36	1°♎45'12	
	-1772 Mar 12 j 22:06	30°℞♍	
opposition	-1772 Mar 30 j 22:33	24°♍44'11	2°27'33
greatest brilliancy	-1772 Mar 31 j 18:58	24°♍26'29	-2.2m
min. Earth dist.	-1772 Apr 08 j 09:52	21°♍48'53	0.49732 AU
direct	-1772 May 08 j 03:23	16°♍08'25	
desc. node	-1772 May 16 j 15:02	16°♍37'16	
	-1772 Jun 26 j 22:04	0°♎	
	-1772 Aug 16 j 03:35	0°♏	
	-1772 Sep 27 j 06:07	0°♐	
	-1772 Nov 06 j 09:32	0°♑	
	-1772 Dec 16 j 14:13	0°♒	
	-1771 Jan 26 j 22:02	0°♓	
	-1771 Mar 10 j 22:31	0°♈	
asc. node	-1771 Mar 20 j 03:45	6°♈16'09	
evening set	-1771 Apr 13 j 19:21	22°♈47'02	
	-1771 Apr 24 j 17:30	0°♉	
conjunction	-1771 Jun 02 j 21:12	25°♉27'33	0°40'14
minimum elong	-1771 Jun 02 j 19:54	25°♉25'28	0°40'15
	-1771 Jun 09 j 22:43	0°♊	
max. Earth dist.	-1771 Jun 11 j 21:33	1°♊15'10	2.65695 AU
morning rise	-1771 Jul 19 j 14:29	25°♊18'56	
	-1771 Jul 26 j 23:27	0°♋	
	-1771 Sep 12 j 06:40	0°♌	
	-1771 Oct 29 j 17:11	0°♍	
	-1771 Dec 16 j 19:43	0°♎	
	-1770 Feb 05 j 12:43	0°♏	
desc. node	-1770 Apr 03 j 16:09	26°♏56'41	
	-1770 Apr 14 j 04:46	0°♐	
retrograde	-1770 May 05 j 23:50	2°♐49'12	
	-1770 May 27 j 21:03	30°℞♏	
opposition	-1770 Jun 05 j 12:28	27°♏44'57	-4°11'05
greatest brilliancy	-1770 Jun 05 j 22:28	27°♏38'08	-2.9m
min. Earth dist.	-1770 Jun 08 j 20:59	26°♏50'15	0.38389 AU
direct	-1770 Jul 06 j 19:20	22°♏17'01	
	-1770 Aug 11 j 08:49	0°♐	
	-1770 Oct 05 j 20:23	0°♑	
	-1770 Nov 20 j 13:10	0°♒	
	-1769 Jan 04 j 02:43	0°♓	
asc. node	-1769 Feb 05 j 01:32	21°♓17'13	
	-1769 Feb 18 j 06:58	0°♈	
	-1769 Apr 05 j 12:09	0°♉	
	-1769 May 22 j 12:33	0°♊	
evening set	-1769 May 25 j 03:38	1°♊40'12	
max. Earth dist.	-1769 Jul 05 j 14:03	28°♊00'46	2.67166 AU
	-1769 Jul 08 j 16:50	0°♋	
conjunction	-1769 Jul 10 j 21:48	1°♋24'31	1°06'38
minimum elong	-1769 Jul 10 j 21:03	1°♋23'19	1°06'40
morning rise	-1769 Aug 24 j 18:05	0°♌15'56	
	-1769 Aug 24 j 08:16	0°♌	
	-1769 Oct 09 j 00:05	0°♍	
	-1769 Nov 22 j 13:26	0°♎	
	-1768 Jan 05 j 04:16	0°♏	
	-1768 Feb 17 j 06:16	0°♐	
desc. node	-1768 Feb 19 j 15:56	1°♐40'23	
	-1768 Mar 31 j 20:28	0°♑	
	-1768 May 18 j 15:23	0°♒	
retrograde	-1768 Jul 18 j 19:32	20°♒35'48	
min. Earth dist.	-1768 Aug 14 j 14:40	15°♒50'14	0.42204 AU

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

greatest brilliancy	-1768 Aug 20 j 19:25	13°♒51'58	-2.6m
opposition	-1768 Aug 22 j 04:30	13°♒25'28	-5°48'33
direct	-1768 Sep 22 j 09:10	7°♒30'18	
	-1768 Dec 01 j 07:33	0°♓	
asc. node	-1768 Dec 23 j 00:42	11°♓39'30	
	-1767 Jan 23 j 20:26	0°♈	
	-1767 Mar 14 j 15:59	0°♉	
	-1767 May 02 j 11:17	0°♊	
	-1767 Jun 19 j 09:45	0°♋	
evening set	-1767 Jul 01 j 03:21	7°♋27'34	
max. Earth dist.	-1767 Jul 28 j 18:30	25°♋15'30	2.63248 AU
	-1767 Aug 05 j 00:51	0°♌	
conjunction	-1767 Aug 16 j 09:34	7°♌28'20	1°07'02
minimum elong	-1767 Aug 16 j 10:17	7°♌29'32	1°07'02
	-1767 Sep 18 j 23:30	0°♍	
morning rise	-1767 Oct 01 j 13:36	8°♍37'35	
	-1767 Nov 01 j 03:16	0°♎	
	-1767 Dec 12 j 16:47	0°♏	
desc. node	-1766 Jan 06 j 14:22	18°♏25'31	
	-1766 Jan 22 j 01:30	0°♐	
	-1766 Mar 02 j 20:33	0°♑	
	-1766 Apr 12 j 01:09	0°♒	
	-1766 May 24 j 08:58	0°♓	
	-1766 Jul 12 j 16:44	0°♈	
retrograde	-1766 Sep 06 j 22:33	17°♈10'02	
min. Earth dist.	-1766 Oct 08 j 19:16	10°♈15'16	0.54786 AU
opposition	-1766 Oct 15 j 15:11	7°♈36'56	-1°09'40
greatest brilliancy	-1766 Oct 15 j 08:37	7°♈43'16	-1.9m
asc. node	-1766 Nov 10 j 00:22	0°♈19'03	
	-1766 Nov 12 j 15:06	30°℞♓	
direct	-1766 Nov 20 j 06:09	29°♓36'39	
	-1766 Nov 28 j 03:41	0°♈	
	-1765 Feb 16 j 16:05	0°♉	
	-1765 Apr 11 j 12:25	0°♊	
	-1765 May 31 j 08:39	0°♋	
	-1765 Jul 17 j 14:32	0°♌	
evening set	-1765 Aug 09 j 07:50	15°♌00'34	
max. Earth dist.	-1765 Aug 26 j 21:08	26°♌53'09	2.54304 AU
	-1765 Aug 31 j 10:07	0°♍	
conjunction	-1765 Sep 27 j 07:00	18°♍46'36	0°36'07
minimum elong	-1765 Sep 27 j 08:27	18°♍49'10	0°36'07
	-1765 Oct 12 j 22:54	0°♎	
morning rise	-1765 Nov 18 j 12:59	26°♎58'00	
	-1765 Nov 22 j 13:50	0°♏	
desc. node	-1765 Nov 24 j 13:29	1°♏29'46	
	-1765 Dec 31 j 20:33	0°♐	
	-1764 Feb 08 j 12:35	0°♑	
	-1764 Mar 18 j 10:24	0°♒	
	-1764 Apr 27 j 14:20	0°♓	
	-1764 Jun 09 j 09:14	0°♈	
	-1764 Jul 27 j 15:48	0°♉	
asc. node	-1764 Sep 26 j 23:40	25°♉41'59	
retrograde	-1764 Oct 14 j 06:50	27°♉33'33	
min. Earth dist.	-1764 Nov 19 j 22:05	18°♉57'16	0.64121 AU
opposition	-1764 Nov 23 j 07:03	17°♉35'55	2°11'07
greatest brilliancy	-1764 Nov 22 j 23:38	17°♉43'21	-1.5m
direct	-1763 Jan 01 j 03:35	8°♉23'13	
	-1763 Mar 14 j 08:44	0°♊	
	-1763 May 09 j 04:34	0°♋	
	-1763 Jun 27 j 06:18	0°♌	
	-1763 Aug 11 j 13:25	0°♍	
	-1763 Sep 22 j 22:59	0°♎	
evening set	-1763 Sep 23 j 05:28	0°♎11'47	
desc. node	-1763 Oct 11 j 12:22	13°♎40'43	
max. Earth dist.	-1763 Oct 11 j 16:53	13°♎49'08	2.41943 AU
	-1763 Nov 02 j 03:44	0°♏	
conjunction	-1763 Nov 18 j 22:17	12°♏52'58	-0°25'38
minimum elong	-1763 Nov 18 j 20:30	12°♏49'33	0°25'38
	-1763 Dec 10 j 22:03	0°♐	
	-1762 Jan 18 j 02:27	0°♑	
morning rise	-1762 Jan 22 j 23:32	3°♑49'48	
	-1762 Feb 25 j 14:08	0°♒	
	-1762 Apr 06 j 06:01	0°♓	
	-1762 May 17 j 22:40	0°♈	
	-1762 Jul 01 j 15:04	0°♉	
asc. node	-1762 Aug 14 j 22:37	26°♉57'19	
	-1762 Aug 20 j 08:42	0°♊	
	-1762 Oct 30 j 18:48	0°♋	
retrograde	-1762 Nov 18 j 00:30	1°♋56'29	
	-1762 Dec 05 j 02:44	30°℞♊	
opposition	-1762 Dec 27 j 21:22	22°♊18'42	4°06'24
greatest brilliancy	-1762 Dec 27 j 21:16	22°♊18'48	-1.3m
min. Earth dist.	-1762 Dec 28 j 07:42	22°♊08'22	0.67438 AU
direct	-1761 Feb 06 j 15:07	12°♊27'42	
	-1761 Apr 10 j 18:01	0°♋	
	-1761 Jun 05 j 10:21	0°♌	
	-1761 Jul 22 j 12:04	0°♍	
desc. node	-1761 Aug 29 j 10:32	26°♍26'04	
	-1761 Sep 03 j 08:53	0°♎	
	-1761 Oct 13 j 13:23	0°♏	
	-1761 Nov 21 j 03:53	0°♐	
evening set	-1761 Nov 22 j 16:07	1°♐11'14	
	-1761 Dec 29 j 04:54	0°♑	
conjunction	-1760 Jan 28 j 00:30	23°♑20'16	-1°06'09
minimum elong	-1760 Jan 28 j 00:48	23°♑20'50	1°06'11
	-1760 Feb 05 j 15:16	0°♒	
	-1760 Mar 16 j 07:09	0°♓	
max. Earth dist.	-1760 Mar 17 j 17:40	1°♓03'51	2.41753 AU
morning rise	-1760 Apr 03 j 19:18	13°♓32'59	
	-1760 Apr 26 j 20:40	0°♈	
	-1760 Jun 09 j 18:51	0°♉	
asc. node	-1760 Jul 01 j 22:29	14°♉28'09	
	-1760 Jul 26 j 12:44	0°♊	
	-1760 Sep 15 j 11:39	0°♋	
	-1760 Nov 19 j 22:42	0°♌	
retrograde	-1760 Dec 23 j 03:30	5°♌45'35	
	-1759 Jan 22 j 10:28	30°℞♋	
opposition	-1759 Jan 30 j 19:11	26°♋51'03	4°46'46
greatest brilliancy	-1759 Jan 31 j 11:08	26°♋35'28	-1.4m
min. Earth dist.	-1759 Feb 04 j 02:01	25°♋10'43	0.64261 AU
direct	-1759 Mar 13 j 00:48	16°♋50'29	
	-1759 May 03 j 20:06	0°♌	
	-1759 Jun 28 j 01:57	0°♍	
desc. node	-1759 Jul 16 j 09:47	11°♍46'51	
	-1759 Aug 12 j 00:12	0°♎	
	-1759 Sep 21 j 21:31	0°♏	
	-1759 Oct 30 j 18:58	0°♐	
	-1759 Dec 08 j 01:00	0°♑	
	-1758 Jan 15 j 17:30	0°♒	
evening set	-1758 Jan 30 j 06:30	11°♒03'17	
	-1758 Feb 24 j 16:59	0°♓	
conjunction	-1758 Apr 01 j 02:19	25°♓27'44	-0°28'38
minimum elong	-1758 Apr 01 j 03:57	25°♓30'38	0°28'38
	-1758 Apr 07 j 13:30	0°♈	
max. Earth dist.	-1758 May 05 j 14:45	19°♈18'33	2.54713 AU
asc. node	-1758 May 19 j 20:52	28°♈53'52	
	-1758 May 21 j 12:32	0°♉	
morning rise	-1758 May 26 j 13:34	3°♉21'12	
	-1758 Jul 06 j 12:45	0°♊	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1758 Aug 23 j 12:39	0°♋	
	-1758 Oct 13 j 06:50	0°♌	
	-1758 Dec 11 j 00:41	0°♍	
retrograde	-1757 Feb 04 j 09:02	14°♍04'45	
opposition	-1757 Mar 12 j 13:11	6°♍22'27	3°42'25
greatest brilliancy	-1757 Mar 13 j 15:01	5°♍58'48	-1.9m
min. Earth dist.	-1757 Mar 20 j 06:24	3°♍33'35	0.54806 AU
	-1757 Mar 31 j 09:00	30°℞♌	
direct	-1757 Apr 21 j 06:34	27°♌02'51	
	-1757 May 13 j 03:40	0°♍	
desc. node	-1757 Jun 03 j 09:07	7°♍24'09	
	-1757 Jul 15 j 12:24	0°♎	
	-1757 Aug 28 j 21:58	0°♏	
	-1757 Oct 08 j 07:18	0°♐	
	-1757 Nov 16 j 12:17	0°♑	
	-1757 Dec 26 j 00:26	0°♒	
	-1756 Feb 04 j 18:28	0°♓	
	-1756 Mar 18 j 07:38	0°♈	
evening set	-1756 Mar 26 j 15:08	5°♈42'24	
asc. node	-1756 Apr 05 j 18:44	12°♈36'44	
	-1756 May 01 j 18:24	0°♉	
conjunction	-1756 May 17 j 22:36	10°♉38'22	0°23'59
minimum elong	-1756 May 17 j 21:38	10°♉36'47	0°24'01
max. Earth dist.	-1756 Jun 02 j 05:15	20°♉34'58	2.63637 AU
	-1756 Jun 16 j 19:37	0°♊	
morning rise	-1756 Jul 05 j 06:39	11°♊48'56	
	-1756 Aug 02 j 22:37	0°♋	
	-1756 Sep 19 j 18:25	0°♌	
	-1756 Nov 07 j 12:36	0°♍	
	-1756 Dec 28 j 21:12	0°♎	
	-1755 Mar 03 j 04:58	0°♏	
retrograde	-1755 Apr 05 j 05:39	5°♏51'27	
desc. node	-1755 Apr 20 j 08:09	4°♏25'40	
opposition	-1755 May 07 j 03:01	0°♏07'31	-1°04'56
greatest brilliancy	-1755 May 07 j 09:46	0°♏02'26	-2.7m
	-1755 May 07 j 12:59	30°℞♎	
min. Earth dist.	-1755 May 14 j 06:01	27°♎58'39	0.41909 AU
direct	-1755 Jun 10 j 12:59	23°♎21'34	
	-1755 Jul 12 j 22:40	0°♏	
	-1755 Sep 06 j 07:08	0°♐	
	-1755 Oct 20 j 05:22	0°♑	
	-1755 Dec 01 j 12:24	0°♒	
	-1754 Jan 13 j 06:38	0°♓	
asc. node	-1754 Feb 21 j 17:52	26°♓55'30	
	-1754 Feb 26 j 07:55	0°♈	
	-1754 Apr 12 j 20:00	0°♉	
evening set	-1754 May 09 j 17:55	17°♉23'00	
	-1754 May 29 j 10:44	0°♊	
conjunction	-1754 Jun 26 j 10:53	17°♊51'35	0°59'15
minimum elong	-1754 Jun 26 j 09:44	17°♊49'47	0°59'17
max. Earth dist.	-1754 Jun 26 j 15:09	17°♊58'24	2.67235 AU
	-1754 Jul 15 j 11:58	0°♋	
morning rise	-1754 Aug 10 j 16:16	16°♋44'08	
	-1754 Aug 31 j 07:31	0°♌	
	-1754 Oct 16 j 11:49	0°♍	
	-1754 Dec 01 j 00:18	0°♎	
	-1753 Jan 15 j 05:08	0°♏	
	-1753 Mar 01 j 22:42	0°♐	
desc. node	-1753 Mar 08 j 08:06	4°♐05'31	
	-1753 Apr 20 j 09:52	0°♑	
retrograde	-1753 Jun 23 j 18:29	21°♑34'01	
min. Earth dist.	-1753 Jul 20 j 22:13	17°♑07'24	0.38623 AU
opposition	-1753 Jul 25 j 15:23	15°♑47'26	-6°46'36
greatest brilliancy	-1753 Jul 24 j 14:50	16°♑04'50	-2.8m
direct	-1753 Aug 24 j 11:30	10°♑39'37	
	-1753 Oct 25 j 19:51	0°♒	
	-1753 Dec 17 j 11:06	0°♓	
asc. node	-1752 Jan 09 j 17:11	14°♓17'36	
	-1752 Feb 03 j 21:55	0°♈	
	-1752 Mar 22 j 19:49	0°♉	
	-1752 May 09 j 17:49	0°♊	
evening set	-1752 Jun 16 j 11:30	23°♊46'18	
	-1752 Jun 26 j 07:02	0°♋	
max. Earth dist.	-1752 Jul 19 j 02:09	14°♋34'57	2.65405 AU
conjunction	-1752 Aug 01 j 14:45	23°♋19'12	1°10'16
minimum elong	-1752 Aug 01 j 14:52	23°♋19'25	1°10'17
	-1752 Aug 11 j 20:56	0°♌	
morning rise	-1752 Sep 15 j 20:07	23°♌08'17	
	-1752 Sep 26 j 00:44	0°♍	
	-1752 Nov 08 j 14:58	0°♎	
	-1752 Dec 20 j 19:11	0°♏	
desc. node	-1751 Jan 23 j 07:23	24°♏24'59	
	-1751 Jan 30 j 21:32	0°♐	
	-1751 Mar 12 j 13:10	0°♑	
	-1751 Apr 22 j 23:09	0°♒	
	-1751 Jun 07 j 02:45	0°♓	
retrograde	-1751 Aug 20 j 12:34	28°♓03'42	
min. Earth dist.	-1751 Sep 19 j 05:33	21°♓59'06	0.49907 AU
greatest brilliancy	-1751 Sep 26 j 06:15	19°♓23'38	-2.2m
opposition	-1751 Sep 27 j 00:29	19°♓06'47	-2°54'40
direct	-1751 Oct 31 j 00:42	11°♓48'37	
asc. node	-1751 Nov 26 j 15:46	15°♓52'47	
	-1750 Jan 01 j 22:18	0°♈	
	-1750 Feb 27 j 14:50	0°♉	
	-1750 Apr 19 j 17:50	0°♊	
	-1750 Jun 07 j 15:14	0°♋	
evening set	-1750 Jul 24 j 15:31	0°♌03'22	
	-1750 Jul 24 j 13:28	0°♌	
max. Earth dist.	-1750 Aug 14 j 16:17	13°♌57'18	2.58351 AU
	-1750 Sep 07 j 09:11	0°♍	
conjunction	-1750 Sep 10 j 02:16	1°♍51'44	0°52'09
minimum elong	-1750 Sep 10 j 03:41	1°♍54'11	0°52'09
	-1750 Oct 20 j 02:44	0°♎	
morning rise	-1750 Oct 29 j 05:00	6°♎33'44	
	-1750 Nov 30 j 01:08	0°♏	
desc. node	-1750 Dec 11 j 05:49	8°♏23'44	
	-1749 Jan 08 j 16:13	0°♐	
	-1749 Feb 16 j 16:11	0°♑	
	-1749 Mar 27 j 21:55	0°♒	
	-1749 May 07 j 12:56	0°♓	
	-1749 Jun 20 j 10:37	0°♈	
	-1749 Aug 12 j 14:40	0°♉	
retrograde	-1749 Oct 01 j 03:20	13°♉09'04	
asc. node	-1749 Oct 14 j 14:54	11°♉51'39	
min. Earth dist.	-1749 Nov 05 j 01:02	5°♉08'31	0.61125 AU
opposition	-1749 Nov 09 j 20:51	3°♉13'01	1°04'52
greatest brilliancy	-1749 Nov 09 j 15:40	3°♉18'11	-1.6m
	-1749 Nov 18 j 06:26	30°℞♈	
direct	-1749 Dec 17 j 15:07	24°♈23'38	
	-1748 Jan 19 j 05:17	0°♉	
	-1748 Mar 26 j 00:24	0°♊	
	-1748 May 17 j 13:00	0°♋	
	-1748 Jul 04 j 16:41	0°♌	
	-1748 Aug 18 j 17:36	0°♍	
evening set	-1748 Sep 04 j 02:04	11°♍22'07	
max. Earth dist.	-1748 Sep 19 j 04:09	22°♍04'44	2.46907 AU
	-1748 Sep 30 j 03:24	0°♎	
conjunction	-1748 Oct 27 j 00:41	19°♎51'31	0°00'49
minimum elong	-1748 Oct 27 j 00:43	19°♎51'34	0°00'47

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

behind sun begin	-1748 Oct 26 j 01:14	19°♎07'34	
behind sun end	-1748 Oct 28 j 00:13	20°♎35'37	
desc. node	-1748 Oct 28 j 05:01	20°♎44'37	
	-1748 Nov 09 j 11:15	0°♏	
	-1748 Dec 18 j 09:29	0°♐	
morning rise	-1748 Dec 25 j 14:41	5°♐38'03	
	-1747 Jan 25 j 17:18	0°♑	
	-1747 Mar 05 j 07:36	0°♒	
	-1747 Apr 14 j 02:01	0°♓	
	-1747 May 26 j 00:01	0°♈	
	-1747 Jul 10 j 10:24	0°♉	
asc. node	-1747 Aug 31 j 14:25	29°♉37'36	
	-1747 Sep 01 j 08:35	0°♊	
retrograde	-1747 Nov 04 j 14:54	19°♊05'07	
opposition	-1747 Dec 14 j 16:22	9°♊16'27	3°30'37
greatest brilliancy	-1747 Dec 14 j 11:43	9°♊21'07	-1.3m
min. Earth dist.	-1747 Dec 13 j 14:18	9°♊42'38	0.66911 AU
	-1746 Jan 16 j 02:50	30°℞♉	
direct	-1746 Jan 23 j 20:26	29°♉37'17	
	-1746 Jan 31 j 20:25	0°♊	
	-1746 Apr 23 j 05:07	0°♋	
	-1746 Jun 14 j 03:15	0°♌	
	-1746 Jul 30 j 07:08	0°♍	
	-1746 Sep 10 j 21:48	0°♎	
desc. node	-1746 Sep 15 j 04:22	3°♎07'11	
	-1746 Oct 21 j 01:26	0°♏	
evening set	-1746 Oct 27 j 22:47	5°♏17'09	
	-1746 Nov 28 j 16:30	0°♐	
conjunction	-1746 Dec 30 j 13:14	25°♐07'18	-0°59'47
minimum elong	-1746 Dec 30 j 10:46	25°♐02'25	0°59'49
	-1745 Jan 05 j 17:44	0°♑	
max. Earth dist.	-1745 Jan 22 j 10:13	13°♑06'35	2.37552 AU
	-1745 Feb 13 j 03:23	0°♒	
morning rise	-1745 Mar 09 j 17:58	18°♒47'09	
	-1745 Mar 24 j 17:49	0°♓	
	-1745 May 05 j 06:26	0°♈	
	-1745 Jun 18 j 07:51	0°♉	
asc. node	-1745 Jul 19 j 12:48	20°♉02'11	
	-1745 Aug 04 j 17:57	0°♊	
	-1745 Sep 27 j 12:05	0°♋	
retrograde	-1745 Dec 09 j 15:26	22°♋35'41	
opposition	-1744 Jan 17 j 21:50	13°♋21'31	4°40'34
greatest brilliancy	-1744 Jan 18 j 07:09	13°♋12'19	-1.3m
min. Earth dist.	-1744 Jan 20 j 16:25	12°♋15'44	0.66291 AU
direct	-1744 Feb 28 j 03:32	3°♋20'48	
	-1744 May 18 j 08:49	0°♌	
	-1744 Jul 07 j 15:11	0°♍	
desc. node	-1744 Aug 02 j 02:36	17°♍05'04	
	-1744 Aug 20 j 10:48	0°♎	
	-1744 Sep 29 j 23:03	0°♏	
	-1744 Nov 07 j 16:22	0°♐	
greatest brilliancy	-1744 Nov 18 j 08:49	8°♐23'59	1.2m
	-1744 Dec 15 j 19:06	0°♑	
evening set	-1743 Jan 03 j 18:25	14°♑51'21	
	-1743 Jan 23 j 07:50	0°♒	
	-1743 Mar 04 j 02:51	0°♓	
conjunction	-1743 Mar 09 j 07:40	3°♓49'36	-0°48'50
minimum elong	-1743 Mar 09 j 10:14	3°♓54'19	0°48'48
	-1743 Apr 14 j 18:53	0°♈	
max. Earth dist.	-1743 Apr 21 j 06:08	4°♈31'20	2.49902 AU
morning rise	-1743 May 08 j 01:21	16°♈06'34	
	-1743 May 28 j 15:30	0°♉	
asc. node	-1743 Jun 05 j 12:13	5°♉13'17	
	-1743 Jul 13 j 18:53	0°♊	
	-1743 Aug 31 j 12:06	0°♋	
	-1743 Oct 23 j 19:42	0°♌	
retrograde	-1742 Jan 17 j 05:55	28°♌26'16	
opposition	-1742 Feb 23 j 13:49	20°♌11'05	4°24'26
greatest brilliancy	-1742 Feb 24 j 14:09	19°♌48'02	-1.6m
min. Earth dist.	-1742 Mar 02 j 01:52	17°♌43'43	0.59182 AU
direct	-1742 Apr 05 j 05:10	10°♌26'27	
	-1742 Jun 07 j 17:09	0°♍	
desc. node	-1742 Jun 20 j 00:59	6°♍42'05	
	-1742 Jul 27 j 09:46	0°♎	
	-1742 Sep 07 j 17:29	0°♏	
	-1742 Oct 17 j 06:53	0°♐	
	-1742 Nov 24 j 23:28	0°♑	
	-1741 Jan 03 j 01:22	0°♒	
	-1741 Feb 12 j 09:59	0°♓	
evening set	-1741 Mar 07 j 12:27	16°♓36'00	
	-1741 Mar 26 j 14:39	0°♈	
asc. node	-1741 Apr 23 j 11:30	19°♈04'26	
conjunction	-1741 May 01 j 16:56	24°♈36'09	0°04'53
minimum elong	-1741 May 01 j 16:42	24°♈35'45	0°04'54
behind sun begin	-1741 Apr 30 j 19:41	24°♈00'35	
behind sun end	-1741 May 02 j 13:43	25°♈10'54	
	-1741 May 09 j 19:05	0°♉	
max. Earth dist.	-1741 May 24 j 00:29	9°♉24'01	2.60736 AU
morning rise	-1741 Jun 21 j 06:47	27°♉46'27	
	-1741 Jun 24 j 17:52	0°♊	
	-1741 Aug 11 j 01:39	0°♋	
	-1741 Sep 28 j 16:01	0°♌	
	-1741 Nov 18 j 12:20	0°♍	
	-1740 Jan 16 j 06:46	0°♎	
retrograde	-1740 Mar 09 j 10:19	13°♎20'13	
opposition	-1740 Apr 12 j 05:42	6°♎45'28	1°25'02
greatest brilliancy	-1740 Apr 12 j 18:19	6°♎35'00	-2.3m
min. Earth dist.	-1740 Apr 20 j 17:57	3°♎56'33	0.46842 AU
	-1740 May 05 j 16:02	30°℞♍	
desc. node	-1740 May 07 j 00:38	29°♍45'34	
direct	-1740 May 19 j 08:10	28°♍42'58	
	-1740 Jun 02 j 04:23	0°♎	
	-1740 Aug 07 j 05:51	0°♏	
	-1740 Sep 20 j 07:34	0°♐	
	-1740 Oct 31 j 07:09	0°♑	
	-1740 Dec 11 j 00:24	0°♒	
	-1739 Jan 21 j 17:21	0°♓	
	-1739 Mar 06 j 00:31	0°♈	
asc. node	-1739 Mar 10 j 09:26	2°♈57'45	
	-1739 Apr 20 j 00:17	0°♉	
evening set	-1739 Apr 23 j 13:07	2°♉18'57	
	-1739 Jun 05 j 07:56	0°♊	
conjunction	-1739 Jun 11 j 15:24	4°♊02'37	0°48'13
minimum elong	-1739 Jun 11 j 14:05	4°♊00'30	0°48'15
max. Earth dist.	-1739 Jun 17 j 08:30	7°♊41'54	2.66473 AU
	-1739 Jul 22 j 08:02	0°♋	
morning rise	-1739 Jul 27 j 16:44	3°♋24'47	
	-1739 Sep 07 j 10:09	0°♌	
	-1739 Oct 24 j 07:43	0°♍	
	-1739 Dec 10 j 06:34	0°♎	
	-1738 Jan 27 j 05:39	0°♏	
	-1738 Mar 20 j 16:13	0°♐	
desc. node	-1738 Mar 25 j 00:18	2°♐11'24	
retrograde	-1738 May 24 j 07:20	20°♐12'58	
opposition	-1738 Jun 23 j 13:16	15°♐12'05	-5°41'57
greatest brilliancy	-1738 Jun 23 j 13:47	15°♐11'45	-2.9m
min. Earth dist.	-1738 Jun 24 j 00:33	15°♐04'38	0.37610 AU
direct	-1738 Jul 23 j 16:27	10°♐09'23	
	-1738 Sep 23 j 10:15	0°♑	
	-1738 Nov 12 j 14:57	0°♒	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1738 Dec 28 j 20:15	0°♓	
asc. node	-1737 Jan 26 j 08:10	18°♓37'03	
	-1737 Feb 12 j 20:35	0°♈	
	-1737 Mar 31 j 13:15	0°♉	
	-1737 May 17 j 20:01	0°♊	
evening set	-1737 Jun 02 j 17:20	10°♊03'31	
	-1737 Jul 04 j 02:56	0°♋	
max. Earth dist.	-1737 Jul 10 j 21:15	4°♋18'58	2.66766 AU
conjunction	-1737 Jul 19 j 03:27	9°♋36'02	1°09'09
minimum elong	-1737 Jul 19 j 03:00	9°♋35'19	1°09'11
	-1737 Aug 19 j 17:40	0°♌	
morning rise	-1737 Sep 01 j 23:45	8°♌39'39	
	-1737 Oct 04 j 04:42	0°♍	
	-1737 Nov 17 j 08:45	0°♎	
	-1737 Dec 30 j 08:58	0°♏	
desc. node	-1736 Feb 09 j 23:38	29°♏34'58	
	-1736 Feb 10 j 13:39	0°♐	
	-1736 Mar 23 j 17:02	0°♑	
	-1736 May 06 j 20:01	0°♒	
	-1736 Jul 02 j 10:42	0°♓	
retrograde	-1736 Jul 31 j 14:59	5°♓34'44	
min. Earth dist.	-1736 Aug 28 j 06:09	0°♓22'47	0.44849 AU
	-1736 Aug 29 j 09:38	30°℞♒	
greatest brilliancy	-1736 Sep 04 j 01:18	28°♒04'28	-2.4m
opposition	-1736 Sep 05 j 06:54	27°♒39'09	-4°48'44
direct	-1736 Oct 07 j 13:17	21°♒12'26	
	-1736 Nov 16 j 19:19	0°♓	
asc. node	-1736 Dec 13 j 07:42	11°♓47'27	
	-1735 Jan 16 j 12:56	0°♈	
	-1735 Mar 09 j 00:20	0°♉	
	-1735 Apr 27 j 11:46	0°♊	
	-1735 Jun 14 j 17:26	0°♋	
evening set	-1735 Jul 09 j 13:42	15°♋48'41	
	-1735 Jul 31 j 11:08	0°♌	
max. Earth dist.	-1735 Aug 03 j 16:03	2°♌06'00	2.61731 AU
conjunction	-1735 Aug 25 j 02:16	16°♌17'35	1°03'01
minimum elong	-1735 Aug 25 j 03:18	16°♌19'20	1°03'01
	-1735 Sep 14 j 08:59	0°♍	
morning rise	-1735 Oct 11 j 01:54	18°♍28'31	
	-1735 Oct 27 j 09:16	0°♎	
	-1735 Dec 07 j 17:05	0°♏	
desc. node	-1735 Dec 27 j 23:36	15°♏05'11	
	-1734 Jan 16 j 18:46	0°♐	
	-1734 Feb 25 j 05:26	0°♑	
	-1734 Apr 05 j 23:08	0°♒	
	-1734 May 17 j 10:01	0°♓	
	-1734 Jul 02 j 16:22	0°♈	
retrograde	-1734 Sep 16 j 02:33	27°♈25'50	
min. Earth dist.	-1734 Oct 19 j 02:45	20°♈06'08	0.57270 AU
opposition	-1734 Oct 25 j 07:07	17°♈40'37	-0°15'47
greatest brilliancy	-1734 Oct 25 j 05:49	17°♈41'53	-1.8m
asc. node	-1734 Oct 31 j 05:46	15°♈24'37	
direct	-1734 Nov 30 j 17:58	9°♈20'41	
	-1733 Feb 08 j 03:43	0°♉	
	-1733 Apr 05 j 16:47	0°♊	
	-1733 May 26 j 08:09	0°♋	
	-1733 Jul 12 j 21:24	0°♌	
evening set	-1733 Aug 18 j 16:08	24°♌26'40	
	-1733 Aug 26 j 19:13	0°♍	
max. Earth dist.	-1733 Sep 03 j 19:42	5°♍32'21	2.51821 AU
conjunction	-1733 Oct 07 j 18:42	29°♍36'56	0°24'35
minimum elong	-1733 Oct 07 j 19:52	29°♍39'02	0°24'34
	-1733 Oct 08 j 07:27	0°♎	
desc. node	-1733 Nov 14 j 22:30	27°♎48'37	
	-1733 Nov 17 j 20:12	0°♏	
morning rise	-1733 Dec 01 j 06:45	10°♏12'16	
	-1733 Dec 27 j 00:01	0°♐	
	-1732 Feb 03 j 12:44	0°♑	
	-1732 Mar 13 j 06:56	0°♒	
	-1732 Apr 22 j 05:45	0°♓	
	-1732 Jun 03 j 13:25	0°♈	
	-1732 Jul 20 j 08:18	0°♉	
asc. node	-1732 Sep 17 j 04:59	29°♉04'54	
	-1732 Sep 19 j 21:26	0°♊	
retrograde	-1732 Oct 22 j 03:44	5°♊53'02	
	-1732 Nov 20 j 22:11	30°℞♉	
min. Earth dist.	-1732 Nov 28 j 16:09	26°♉59'24	0.65383 AU
opposition	-1732 Dec 01 j 06:02	25°♉57'11	2°43'56
greatest brilliancy	-1732 Nov 30 j 22:49	26°♉04'26	-1.4m
direct	-1731 Jan 09 j 15:33	16°♉33'47	
	-1731 Mar 04 j 18:27	0°♊	
	-1731 May 03 j 05:50	0°♋	
	-1731 Jun 22 j 04:04	0°♌	
	-1731 Aug 06 j 18:12	0°♍	
	-1731 Sep 18 j 05:50	0°♎	
desc. node	-1731 Oct 01 j 20:48	10°♎00'28	
evening set	-1731 Oct 05 j 01:14	12°♎22'20	
	-1731 Oct 28 j 10:24	0°♏	
max. Earth dist.	-1731 Oct 31 j 04:10	2°♏05'37	2.39438 AU
conjunction	-1731 Dec 03 j 04:31	27°♏40'34	-0°40'07
minimum elong	-1731 Dec 03 j 01:51	27°♏35'21	0°40'07
	-1731 Dec 06 j 03:43	0°♐	
	-1730 Jan 13 j 06:49	0°♑	
morning rise	-1730 Feb 08 j 16:38	20°♑40'44	
	-1730 Feb 20 j 17:19	0°♒	
	-1730 Apr 01 j 07:54	0°♓	
	-1730 May 12 j 21:30	0°♈	
	-1730 Jun 26 j 05:43	0°♉	
asc. node	-1730 Aug 05 j 05:30	24°♉58'09	
	-1730 Aug 13 j 19:12	0°♊	
	-1730 Oct 12 j 18:08	0°♋	
retrograde	-1730 Nov 25 j 19:02	9°♋44'37	
opposition	-1729 Jan 04 j 11:58	0°♋14'16	4°22'12
greatest brilliancy	-1729 Jan 04 j 14:56	0°♋11'19	-1.3m
	-1729 Jan 05 j 02:16	30°℞♊	
min. Earth dist.	-1729 Jan 05 j 17:59	29°♊44'21	0.67311 AU
direct	-1729 Feb 14 j 11:48	20°♊18'36	
	-1729 Mar 30 j 21:55	0°♋	
	-1729 May 30 j 05:57	0°♌	
	-1729 Jul 17 j 05:37	0°♍	
desc. node	-1729 Aug 19 j 19:25	23°♍06'50	
	-1729 Aug 29 j 09:54	0°♎	
	-1729 Oct 08 j 17:00	0°♏	
	-1729 Nov 16 j 08:19	0°♐	
evening set	-1729 Dec 08 j 01:43	17°♐07'30	
	-1729 Dec 24 j 09:25	0°♑	
	-1728 Jan 31 j 19:52	0°♒	
conjunction	-1728 Feb 12 j 15:10	9°♒02'57	-1°03'02
minimum elong	-1728 Feb 12 j 16:57	9°♒06'22	1°03'03
	-1728 Mar 11 j 12:03	0°♓	
max. Earth dist.	-1728 Apr 02 j 02:58	15°♓48'08	2.44675 AU
morning rise	-1728 Apr 17 j 01:22	26°♓28'22	
	-1728 Apr 22 j 01:19	0°♈	
	-1728 Jun 04 j 21:34	0°♉	
asc. node	-1728 Jun 22 j 04:27	11°♉22'56	
	-1728 Jul 21 j 07:45	0°♊	
	-1728 Sep 09 j 04:40	0°♋	
	-1728 Nov 06 j 14:21	0°♌	
retrograde	-1728 Dec 31 j 21:44	14°♌04'05	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

opposition	-1727 Feb 08 j 03:38	5°♌22'08	4°43'27
greatest brilliancy	-1727 Feb 08 j 22:57	5°♌03'27	-1.5m
min. Earth dist.	-1727 Feb 13 j 05:45	3°♌24'09	0.62718 AU
	-1727 Feb 22 j 16:42	30°℞♋	
direct	-1727 Mar 21 j 06:46	25°♋24'55	
	-1727 Apr 18 j 19:59	0°♌	
	-1727 Jun 21 j 04:04	0°♍	
desc. node	-1727 Jul 06 j 18:10	9°♍36'46	
	-1727 Aug 06 j 07:06	0°♎	
	-1727 Sep 16 j 14:28	0°♏	
	-1727 Oct 25 j 16:48	0°♐	
	-1727 Dec 03 j 01:41	0°♑	
	-1726 Jan 10 j 20:23	0°♒	
evening set	-1726 Feb 13 j 02:25	24°♒59'16	
	-1726 Feb 19 j 21:54	0°♓	
	-1726 Apr 02 j 19:56	0°♈	
conjunction	-1726 Apr 12 j 19:03	6°♈55'08	-0°16'15
minimum elong	-1726 Apr 12 j 19:57	6°♈56'42	0°16'14
asc. node	-1726 May 10 j 02:46	25°♈30'56	
max. Earth dist.	-1726 May 12 j 20:38	27°♈21'16	2.57060 AU
	-1726 May 16 j 19:42	0°♉	
morning rise	-1726 Jun 05 j 07:02	12°♉51'54	
	-1726 Jul 01 j 18:02	0°♊	
	-1726 Aug 18 j 10:14	0°♋	
	-1726 Oct 07 j 04:28	0°♌	
	-1726 Nov 30 j 18:29	0°♍	
retrograde	-1725 Feb 15 j 19:07	24°♍17'29	
opposition	-1725 Mar 23 j 05:39	16°♍56'59	3°03'50
greatest brilliancy	-1725 Mar 24 j 05:23	16°♍35'51	-2.0m
min. Earth dist.	-1725 Mar 31 j 11:32	14°♍01'43	0.52053 AU
direct	-1725 May 01 j 05:26	7°♍59'08	
desc. node	-1725 May 24 j 16:38	11°♍25'59	
	-1725 Jul 06 j 00:39	0°♎	
	-1725 Aug 21 j 23:55	0°♏	
	-1725 Oct 02 j 05:56	0°♐	
	-1725 Nov 10 j 22:03	0°♑	
	-1725 Dec 20 j 18:00	0°♒	
	-1724 Jan 30 j 18:18	0°♓	
	-1724 Mar 13 j 12:09	0°♈	
asc. node	-1724 Mar 27 j 01:52	9°♈15'28	
evening set	-1724 Apr 06 j 04:07	16°♈04'10	
	-1724 Apr 27 j 02:14	0°♉	
conjunction	-1724 May 27 j 04:07	19°♉39'46	0°33'45
minimum elong	-1724 May 27 j 02:55	19°♉37'48	0°33'47
max. Earth dist.	-1724 Jun 07 j 21:21	27°♉13'53	2.64874 AU
	-1724 Jun 12 j 04:39	0°♊	
morning rise	-1724 Jul 13 j 13:03	20°♊02'04	
	-1724 Jul 29 j 05:47	0°♋	
	-1724 Sep 14 j 17:58	0°♌	
	-1724 Nov 01 j 16:38	0°♍	
	-1724 Dec 20 j 22:50	0°♎	
	-1723 Feb 13 j 01:06	0°♏	
desc. node	-1723 Apr 10 j 17:18	20°♏07'16	
retrograde	-1723 Apr 22 j 02:16	20°♏54'48	
opposition	-1723 May 23 j 03:33	15°♏36'12	-2°49'35
greatest brilliancy	-1723 May 23 j 15:30	15°♏27'42	-2.8m
min. Earth dist.	-1723 May 28 j 11:31	14°♏05'25	0.39678 AU
direct	-1723 Jun 24 j 18:13	9°♏36'14	
	-1723 Aug 25 j 03:35	0°♐	
	-1723 Oct 12 j 02:35	0°♑	
	-1723 Nov 24 j 22:23	0°♒	
	-1722 Jan 07 j 13:20	0°♓	
asc. node	-1722 Feb 11 j 23:47	23°♓54'33	
	-1722 Feb 21 j 03:28	0°♈	
	-1722 Apr 07 j 23:52	0°♉	
evening set	-1722 May 18 j 15:34	26°♉04'43	
	-1722 May 24 j 19:13	0°♊	
max. Earth dist.	-1722 Jul 01 j 21:57	24°♊15'41	2.67308 AU
conjunction	-1722 Jul 04 j 18:21	26°♊04'39	1°03'59
minimum elong	-1722 Jul 04 j 17:25	26°♊03'10	1°04'01
	-1722 Jul 10 j 21:58	0°♋	
morning rise	-1722 Aug 18 j 17:13	24°♋52'45	
	-1722 Aug 26 j 15:27	0°♌	
	-1722 Oct 11 j 12:55	0°♍	
	-1722 Nov 25 j 12:21	0°♎	
	-1721 Jan 08 j 18:22	0°♏	
	-1721 Feb 21 j 19:28	0°♐	
desc. node	-1721 Feb 26 j 17:23	3°♐19'35	
	-1721 Apr 08 j 03:11	0°♑	
	-1721 Jun 01 j 08:51	0°♒	
retrograde	-1721 Jul 09 j 01:53	8°♒48'08	
min. Earth dist.	-1721 Aug 04 j 15:05	4°♒17'11	0.40346 AU
greatest brilliancy	-1721 Aug 09 j 23:01	2°♒41'04	-2.7m
opposition	-1721 Aug 11 j 06:57	2°♒16'57	-6°24'44
	-1721 Aug 19 j 05:23	30°℞♑	
direct	-1721 Sep 10 j 17:15	26°♑45'53	
	-1721 Oct 03 j 18:56	0°♒	
	-1721 Dec 08 j 20:01	0°♓	
asc. node	-1721 Dec 30 j 22:22	12°♓46'07	
	-1720 Jan 28 j 15:16	0°♈	
	-1720 Mar 17 j 12:17	0°♉	
	-1720 May 04 j 21:27	0°♊	
	-1720 Jun 21 j 15:58	0°♋	
evening set	-1720 Jun 24 j 21:27	2°♋03'00	
max. Earth dist.	-1720 Jul 24 j 15:24	21°♋07'08	2.64316 AU
	-1720 Aug 07 j 07:12	0°♌	
conjunction	-1720 Aug 10 j 00:44	1°♌47'11	1°08'55
minimum elong	-1720 Aug 10 j 01:13	1°♌47'59	1°08'56
	-1720 Sep 21 j 08:48	0°♍	
morning rise	-1720 Sep 24 j 16:33	2°♍15'28	
	-1720 Nov 03 j 17:56	0°♎	
	-1720 Dec 15 j 14:14	0°♏	
desc. node	-1719 Jan 13 j 15:43	21°♏21'48	
	-1719 Jan 25 j 06:45	0°♐	
	-1719 Mar 06 j 09:53	0°♑	
	-1719 Apr 16 j 00:37	0°♒	
	-1719 May 29 j 04:33	0°♓	
	-1719 Jul 21 j 13:30	0°♈	
retrograde	-1719 Aug 30 j 16:05	9°♈41'05	
min. Earth dist.	-1719 Sep 30 j 14:08	3°♈08'30	0.52644 AU
opposition	-1719 Oct 07 j 22:04	0°♈21'32	-1°52'41
greatest brilliancy	-1719 Oct 07 j 10:46	0°♈32'16	-2.0m
	-1719 Oct 08 j 20:51	30°℞♓	
direct	-1719 Nov 11 j 19:55	22°♓39'10	
asc. node	-1719 Nov 16 j 21:58	22°♓49'03	
	-1719 Dec 19 j 00:30	0°♈	
	-1718 Feb 20 j 19:21	0°♉	
	-1718 Apr 14 j 08:23	0°♊	
	-1718 Jun 02 j 18:46	0°♋	
	-1718 Jul 19 j 22:17	0°♌	
evening set	-1718 Aug 02 j 12:19	8°♌55'31	
max. Earth dist.	-1718 Aug 21 j 10:52	21°♌35'42	2.56205 AU
	-1718 Sep 02 j 18:59	0°♍	
conjunction	-1718 Sep 19 j 16:51	11°♍42'54	0°43'34
minimum elong	-1718 Sep 19 j 18:21	11°♍45'31	0°43'33
	-1718 Oct 15 j 10:58	0°♎	
morning rise	-1718 Nov 09 j 09:41	18°♎12'21	
	-1718 Nov 25 j 05:51	0°♏	
desc. node	-1718 Dec 01 j 14:51	4°♏47'30	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1717 Jan 03 j 16:39	0°♐	
	-1717 Feb 11 j 12:01	0°♑	
	-1717 Mar 22 j 12:27	0°♒	
	-1717 May 01 j 19:33	0°♓	
	-1717 Jun 13 j 21:48	0°♈	
	-1717 Aug 02 j 12:18	0°♉	
asc. node	-1717 Oct 04 j 21:23	21°♉50'42	
retrograde	-1717 Oct 09 j 07:49	21°♉58'39	
min. Earth dist.	-1717 Nov 14 j 05:21	13°♉38'01	0.62895 AU
opposition	-1717 Nov 18 j 06:22	12°♉00'52	1°45'04
greatest brilliancy	-1717 Nov 17 j 23:20	12°♉07'53	-1.5m
direct	-1717 Dec 26 j 16:22	2°♉57'58	
	-1716 Mar 18 j 18:42	0°♊	
	-1716 May 12 j 01:46	0°♋	
	-1716 Jun 29 j 18:58	0°♌	
	-1716 Aug 14 j 00:40	0°♍	
evening set	-1716 Sep 14 j 17:04	22°♍13'14	
	-1716 Sep 25 j 11:43	0°♎	
max. Earth dist.	-1716 Sep 30 j 16:02	3°♎46'45	2.44152 AU
desc. node	-1716 Oct 18 j 13:49	17°♎01'29	
	-1716 Nov 04 j 18:42	0°♏	
conjunction	-1716 Nov 08 j 14:22	2°♏54'36	-0°14'11
minimum elong	-1716 Nov 08 j 13:25	2°♏52'47	0°14'11
behind sun begin	-1716 Nov 08 j 00:58	2°♏29'01	
behind sun end	-1716 Nov 09 j 01:53	3°♏16'33	
	-1716 Dec 13 j 15:17	0°♐	
morning rise	-1715 Jan 10 j 06:08	21°♐39'26	
	-1715 Jan 20 j 21:07	0°♑	
	-1715 Feb 28 j 09:15	0°♒	
	-1715 Apr 09 j 01:07	0°♓	
	-1715 May 20 j 18:08	0°♈	
	-1715 Jul 04 j 14:58	0°♉	
asc. node	-1715 Aug 21 j 20:21	28°♉41'42	
	-1715 Aug 24 j 06:25	0°♊	
retrograde	-1715 Nov 12 j 07:23	26°♊57'22	
opposition	-1715 Dec 22 j 07:17	17°♊14'14	3°52'48
greatest brilliancy	-1715 Dec 22 j 04:56	17°♊16'36	-1.3m
min. Earth dist.	-1715 Dec 22 j 01:07	17°♊20'24	0.67327 AU
direct	-1714 Jan 31 j 20:08	7°♊28'06	
	-1714 Apr 15 j 14:08	0°♋	
	-1714 Jun 08 j 12:31	0°♌	
	-1714 Jul 25 j 05:50	0°♍	
desc. node	-1714 Sep 05 j 11:45	29°♍35'16	
	-1714 Sep 06 j 01:23	0°♎	
	-1714 Oct 16 j 06:26	0°♏	
evening set	-1714 Nov 11 j 04:00	20°♏01'12	
	-1714 Nov 23 j 21:48	0°♐	
	-1714 Dec 31 j 22:54	0°♑	
conjunction	-1713 Jan 15 j 14:48	11°♑31'42	-1°05'17
minimum elong	-1713 Jan 15 j 13:46	11°♑29'40	1°05'19
	-1713 Feb 08 j 08:19	0°♒	
max. Earth dist.	-1713 Mar 02 j 09:22	16°♒51'04	2.39549 AU
	-1713 Mar 19 j 22:32	0°♓	
morning rise	-1713 Mar 24 j 21:07	3°♓39'17	
	-1713 Apr 30 j 10:06	0°♈	
	-1713 Jun 13 j 07:45	0°♉	
asc. node	-1713 Jul 09 j 20:03	17°♉13'43	
	-1713 Jul 30 j 05:41	0°♊	
	-1713 Sep 20 j 01:10	0°♋	
	-1713 Dec 08 j 07:34	0°♌	
retrograde	-1713 Dec 17 j 20:09	0°♌32'30	
	-1713 Dec 27 j 00:21	30°℞♋	
opposition	-1712 Jan 25 j 19:15	21°♋28'36	4°45'32
greatest brilliancy	-1712 Jan 26 j 08:13	21°♋15'52	-1.4m
min. Earth dist.	-1712 Jan 29 j 09:53	20°♋03'36	0.65294 AU
direct	-1712 Mar 07 j 02:12	11°♋27'17	
	-1712 May 09 j 21:04	0°♌	
	-1712 Jul 01 j 15:42	0°♍	
desc. node	-1712 Jul 23 j 10:46	14°♍16'45	
	-1712 Aug 15 j 03:01	0°♎	
	-1712 Sep 24 j 20:55	0°♏	
	-1712 Nov 02 j 16:52	0°♐	
	-1712 Dec 10 j 21:13	0°♑	
	-1711 Jan 18 j 11:17	0°♒	
evening set	-1711 Jan 19 j 00:51	0°♒26'03	
	-1711 Feb 27 j 07:47	0°♓	
conjunction	-1711 Mar 22 j 14:28	16°♓55'26	-0°37'37
minimum elong	-1711 Mar 22 j 16:37	16°♓59'19	0°37'36
	-1711 Apr 10 j 00:59	0°♈	
max. Earth dist.	-1711 Apr 29 j 22:01	13°♈46'51	2.52652 AU
morning rise	-1711 May 18 j 20:38	26°♈37'44	
	-1711 May 23 j 21:32	0°♉	
asc. node	-1711 May 26 j 18:43	1°♉55'16	
	-1711 Jul 08 j 21:32	0°♊	
	-1711 Aug 26 j 02:54	0°♋	
	-1711 Oct 16 j 17:25	0°♌	
	-1711 Dec 19 j 10:34	0°♍	
retrograde	-1710 Jan 27 j 06:28	7°♍36'34	
	-1710 Mar 04 j 01:08	30°℞♌	
opposition	-1710 Mar 05 j 00:20	29°♌38'30	4°03'07
greatest brilliancy	-1710 Mar 06 j 01:58	29°♌14'39	-1.8m
min. Earth dist.	-1710 Mar 12 j 05:52	26°♌57'40	0.56870 AU
direct	-1710 Apr 14 j 05:39	20°♌05'51	
	-1710 May 26 j 15:30	0°♍	
desc. node	-1710 Jun 10 j 10:36	6°♍49'09	
	-1710 Jul 20 j 09:19	0°♎	
	-1710 Sep 01 j 18:26	0°♏	
	-1710 Oct 11 j 18:16	0°♐	
	-1710 Nov 19 j 16:57	0°♑	
	-1710 Dec 28 j 23:15	0°♒	
	-1709 Feb 07 j 11:46	0°♓	
evening set	-1709 Mar 19 j 05:49	28°♓12'44	
	-1709 Mar 21 j 19:40	0°♈	
asc. node	-1709 Apr 13 j 16:25	15°♈38'58	
	-1709 May 05 j 02:22	0°♉	
conjunction	-1709 May 11 j 17:57	4°♉24'06	0°16'16
minimum elong	-1709 May 11 j 17:13	4°♉22'54	0°16'16
max. Earth dist.	-1709 May 30 j 03:03	16°♉27'13	2.62451 AU
	-1709 Jun 20 j 01:27	0°♊	
morning rise	-1709 Jun 29 j 23:45	6°♊22'03	
	-1709 Aug 06 j 05:49	0°♋	
	-1709 Sep 23 j 08:29	0°♌	
	-1709 Nov 11 j 20:49	0°♍	
	-1708 Jan 04 j 11:18	0°♎	
retrograde	-1708 Mar 24 j 00:14	25°♎59'49	
opposition	-1708 Apr 25 j 17:44	19°♎53'03	0°06'06
greatest brilliancy	-1707 Apr 29 j 18:55	9°♉27'53	1.7m
desc. node	-1708 Apr 27 j 09:29	19°♎21'33	
min. Earth dist.	-1708 May 03 j 17:30	17°♎21'45	0.44025 AU
direct	-1708 May 31 j 11:17	12°♎30'30	
	-1708 Jul 26 j 08:38	0°♏	
	-1708 Sep 12 j 09:49	0°♐	
	-1708 Oct 24 j 17:35	0°♑	
	-1708 Dec 05 j 04:24	0°♒	
	-1707 Jan 16 j 09:06	0°♓	
asc. node	-1707 Feb 28 j 15:28	29°♓44'47	
	-1707 Mar 01 j 00:29	0°♈	
	-1707 Apr 15 j 05:47	0°♉	
evening set	-1707 May 02 j 22:59	11°♉31'03	
	-1707 May 31 j 16:29	0°♊	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

conjunction	-1707 Jun 20 j 05:09	12°♊28'35	0°55'04
minimum elong	-1707 Jun 20 j 03:55	12°♊26'35	0°55'06
max. Earth dist.	-1707 Jun 22 j 18:52	14°♊07'00	2.67004 AU
	-1707 Jul 17 j 16:59	0°♋	
morning rise	-1707 Aug 04 j 17:46	11°♋30'08	
	-1707 Sep 02 j 15:21	0°♌	
	-1707 Oct 19 j 02:58	0°♍	
	-1707 Dec 04 j 05:22	0°♎	
	-1706 Jan 19 j 10:23	0°♏	
	-1706 Mar 08 j 04:35	0°♐	
desc. node	-1706 Mar 15 j 09:08	4°♐18'00	
	-1706 May 04 j 06:16	0°♑	
retrograde	-1706 Jun 10 j 21:39	8°♑18'39	
min. Earth dist.	-1706 Jul 09 j 06:04	3°♑42'11	0.37780 AU
opposition	-1706 Jul 11 j 19:54	3°♑00'16	-6°36'27
greatest brilliancy	-1706 Jul 11 j 05:59	3°♑09'43	-2.9m
	-1706 Jul 23 j 21:38	30°℞♐	
direct	-1706 Aug 10 j 13:33	28°♐02'21	
	-1706 Aug 28 j 00:31	0°♑	
	-1706 Nov 03 j 00:23	0°♒	
	-1706 Dec 21 j 23:41	0°♓	
asc. node	-1705 Jan 16 j 14:45	16°♓15'59	
	-1705 Feb 07 j 04:18	0°♈	
	-1705 Mar 26 j 11:28	0°♉	
	-1705 May 13 j 01:53	0°♊	
evening set	-1705 Jun 11 j 05:19	18°♊23'31	
	-1705 Jun 29 j 12:22	0°♋	
max. Earth dist.	-1705 Jul 16 j 07:32	10°♋43'51	2.66119 AU
conjunction	-1705 Jul 27 j 10:13	17°♋52'29	1°10'17
minimum elong	-1705 Jul 27 j 10:06	17°♋52'17	1°10'20
	-1705 Aug 15 j 03:06	0°♌	
morning rise	-1705 Sep 10 j 09:49	17°♌16'51	
	-1705 Sep 29 j 10:44	0°♍	
	-1705 Nov 12 j 07:40	0°♎	
	-1705 Dec 24 j 20:42	0°♏	
desc. node	-1704 Jan 31 j 08:45	27°♏03'22	
	-1704 Feb 04 j 09:56	0°♐	
	-1704 Mar 16 j 14:45	0°♑	
	-1704 Apr 27 j 21:13	0°♒	
	-1704 Jun 14 j 12:23	0°♓	
retrograde	-1704 Aug 12 j 06:35	19°♓12'58	
min. Earth dist.	-1704 Sep 10 j 00:57	13°♓32'01	0.47622 AU
greatest brilliancy	-1704 Sep 17 j 01:52	11°♓01'05	-2.3m
opposition	-1704 Sep 18 j 01:29	10°♓39'53	-3°43'28
direct	-1704 Oct 21 j 06:32	3°♓43'45	
asc. node	-1704 Dec 03 j 13:30	13°♓32'59	
	-1703 Jan 08 j 01:07	0°♈	
	-1703 Mar 03 j 00:31	0°♉	
	-1703 Apr 22 j 08:49	0°♊	
	-1703 Jun 09 j 23:31	0°♋	
evening set	-1703 Jul 18 j 03:45	24°♋20'28	
	-1703 Jul 26 j 20:29	0°♌	
max. Earth dist.	-1703 Aug 09 j 21:09	9°♌13'40	2.59955 AU
conjunction	-1703 Sep 03 j 02:47	25°♌28'38	0°57'20
minimum elong	-1703 Sep 03 j 04:05	25°♌30'50	0°57'20
	-1703 Sep 09 j 18:04	0°♍	
morning rise	-1703 Oct 21 j 04:02	28°♍56'25	
	-1703 Oct 22 j 15:38	0°♎	
	-1703 Dec 02 j 18:54	0°♏	
desc. node	-1703 Dec 18 j 07:20	11°♏35'35	
	-1702 Jan 11 j 15:02	0°♐	
	-1702 Feb 19 j 19:38	0°♑	
	-1702 Mar 31 j 05:31	0°♒	
	-1702 May 11 j 02:37	0°♓	
	-1702 Jun 24 j 16:28	0°♈	
	-1702 Aug 21 j 08:38	0°♉	
retrograde	-1702 Sep 24 j 19:49	7°♉01'48	
asc. node	-1702 Oct 21 j 12:23	2°♉05'15	
	-1702 Oct 27 j 03:57	30°℞♈	
min. Earth dist.	-1702 Oct 28 j 21:48	29°♈19'15	0.59496 AU
opposition	-1702 Nov 03 j 09:01	27°♈09'18	0°32'48
greatest brilliancy	-1702 Nov 03 j 06:04	27°♈12'13	-1.7m
direct	-1702 Dec 10 j 14:29	18°♈32'18	
	-1701 Jan 28 j 09:39	0°♉	
	-1701 Mar 30 j 12:23	0°♊	
	-1701 May 21 j 04:51	0°♋	
	-1701 Jul 08 j 03:11	0°♌	
	-1701 Aug 22 j 03:51	0°♍	
evening set	-1701 Aug 28 j 10:02	4°♍18'50	
max. Earth dist.	-1701 Sep 12 j 13:18	14°♍53'45	2.49140 AU
	-1701 Oct 03 j 15:52	0°♎	
conjunction	-1701 Oct 18 j 23:31	11°♎12'29	0°11'28
minimum elong	-1701 Oct 19 j 00:09	11°♎13'39	0°11'27
behind sun begin	-1701 Oct 18 j 07:38	10°♎43'13	
behind sun end	-1701 Oct 19 j 16:40	11°♎44'07	
desc. node	-1701 Nov 05 j 06:26	24°♎05'05	
	-1701 Nov 13 j 02:37	0°♏	
morning rise	-1701 Dec 15 j 04:02	24°♏34'43	
	-1701 Dec 22 j 03:41	0°♐	
	-1700 Jan 29 j 13:42	0°♑	
	-1700 Mar 08 j 05:07	0°♒	
	-1700 Apr 17 j 00:17	0°♓	
	-1700 May 29 j 00:23	0°♈	
	-1700 Jul 13 j 19:46	0°♉	
	-1700 Sep 06 j 21:35	0°♊	
asc. node	-1700 Sep 07 j 12:22	0°♊16'33	
retrograde	-1700 Oct 29 j 21:25	13°♊57'15	
min. Earth dist.	-1700 Dec 07 j 06:06	4°♊47'22	0.66353 AU
opposition	-1700 Dec 09 j 00:23	4°♊04'53	3°12'29
greatest brilliancy	-1700 Dec 08 j 18:15	4°♊11'02	-1.4m
	-1700 Dec 19 j 15:07	30°℞♉	
direct	-1699 Jan 17 j 21:28	24°♉32'18	
	-1699 Feb 19 j 06:15	0°♊	
	-1699 Apr 26 j 21:35	0°♋	
	-1699 Jun 16 j 22:56	0°♌	
	-1699 Aug 01 j 22:02	0°♍	
	-1699 Sep 13 j 12:42	0°♎	
desc. node	-1699 Sep 22 j 05:52	6°♎22'33	
evening set	-1699 Oct 17 j 15:03	25°♎21'12	
	-1699 Oct 23 j 17:33	0°♏	
	-1699 Dec 01 j 09:57	0°♐	
max. Earth dist.	-1699 Dec 02 j 06:58	0°♐41'16	2.37606 AU
conjunction	-1699 Dec 18 j 08:01	13°♐18'50	-0°52'33
minimum elong	-1699 Dec 18 j 05:06	13°♐13'04	0°52'33
	-1698 Jan 08 j 11:52	0°♑	
	-1698 Feb 15 j 21:10	0°♒	
morning rise	-1698 Feb 25 j 08:13	7°♒16'49	
	-1698 Mar 27 j 10:30	0°♓	
	-1698 May 07 j 22:03	0°♈	
	-1698 Jun 21 j 00:09	0°♉	
asc. node	-1698 Jul 26 j 10:59	22°♉33'24	
	-1698 Aug 07 j 18:02	0°♊	
	-1698 Oct 02 j 05:37	0°♋	
retrograde	-1698 Dec 03 j 15:57	17°♋32'46	
opposition	-1697 Jan 12 j 04:06	8°♋10'51	4°34'04
greatest brilliancy	-1697 Jan 12 j 10:29	8°♋04'32	-1.3m
min. Earth dist.	-1697 Jan 14 j 06:16	7°♋21'07	0.66884 AU
	-1697 Feb 05 j 15:37	30°℞♊	
direct	-1697 Feb 22 j 08:30	28°♊11'55	
	-1697 Mar 12 j 02:23	0°♋	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1697 May 23 j 12:23	0°♌	
	-1697 Jul 11 j 18:34	0°♍	
desc. node	-1697 Aug 10 j 04:13	19°♍56'16	
	-1697 Aug 24 j 08:45	0°♎	
	-1697 Oct 03 j 19:35	0°♏	
	-1697 Nov 11 j 12:24	0°♐	
	-1697 Dec 19 j 14:17	0°♑	
evening set	-1697 Dec 23 j 16:27	3°♑13'06	
	-1696 Jan 27 j 01:11	0°♒	
conjunction	-1696 Feb 27 j 11:42	23°♒51'57	-0°55'59
minimum elong	-1696 Feb 27 j 14:14	23°♒56'40	0°56'00
	-1696 Mar 06 j 17:43	0°♓	
max. Earth dist.	-1696 Apr 13 j 23:01	27°♓38'52	2.47592 AU
	-1696 Apr 17 j 07:05	0°♈	
morning rise	-1696 Apr 29 j 08:10	8°♈24'54	
	-1696 May 31 j 01:48	0°♉	
asc. node	-1696 Jun 12 j 09:50	8°♉10'14	
	-1696 Jul 16 j 06:16	0°♊	
	-1696 Sep 03 j 08:13	0°♋	
	-1696 Oct 28 j 04:46	0°♌	
retrograde	-1695 Jan 10 j 00:36	22°♌36'18	
opposition	-1695 Feb 16 j 19:28	14°♌08'22	4°34'26
greatest brilliancy	-1695 Feb 17 j 17:47	13°♌47'02	-1.6m
min. Earth dist.	-1695 Feb 22 j 17:01	11°♌53'19	0.60885 AU
direct	-1695 Mar 29 j 17:44	4°♌16'55	
	-1695 Jun 13 j 07:28	0°♍	
desc. node	-1695 Jun 27 j 02:37	8°♍00'17	
	-1695 Jul 31 j 05:46	0°♎	
	-1695 Sep 11 j 02:45	0°♏	
	-1695 Oct 20 j 11:14	0°♐	
	-1695 Nov 28 j 00:06	0°♑	
	-1694 Jan 05 j 21:53	0°♒	
	-1694 Feb 15 j 02:05	0°♓	
evening set	-1694 Feb 26 j 02:44	8°♓00'42	
	-1694 Mar 29 j 02:25	0°♈	
conjunction	-1694 Apr 23 j 19:17	17°♈40'26	-0°03'57
minimum elong	-1694 Apr 23 j 19:30	17°♈40'49	0°03'57
behind sun begin	-1694 Apr 22 j 21:35	17°♈03'38	
behind sun end	-1694 Apr 24 j 17:26	18°♈17'58	
asc. node	-1694 Apr 30 j 09:17	22°♈07'33	
	-1694 May 12 j 03:15	0°♉	
max. Earth dist.	-1694 May 19 j 13:58	4°♉56'43	2.59179 AU
morning rise	-1694 Jun 14 j 14:12	21°♉58'43	
	-1694 Jun 27 j 00:33	0°♊	
	-1694 Aug 13 j 10:44	0°♋	
	-1694 Oct 01 j 10:54	0°♌	
	-1694 Nov 22 j 13:14	0°♍	
	-1693 Jan 27 j 23:07	0°♎	
retrograde	-1693 Feb 28 j 03:18	5°♎10'21	
	-1693 Mar 29 j 10:35	30°℞♍	
opposition	-1693 Apr 03 j 17:05	28°♍14'10	2°12'46
greatest brilliancy	-1693 Apr 04 j 11:53	27°♍58'01	-2.2m
min. Earth dist.	-1693 Apr 12 j 06:09	25°♍18'40	0.49198 AU
direct	-1693 May 11 j 18:55	19°♍43'47	
desc. node	-1693 May 15 j 02:05	19°♍48'14	
	-1693 Jun 22 j 16:13	0°♎	
	-1693 Aug 14 j 04:36	0°♏	
	-1693 Sep 25 j 18:04	0°♐	
	-1693 Nov 05 j 01:23	0°♑	
	-1693 Dec 15 j 07:18	0°♒	
	-1692 Jan 25 j 15:02	0°♓	
	-1692 Mar 08 j 14:47	0°♈	
asc. node	-1692 Mar 17 j 07:44	5°♈55'39	
evening set	-1692 Apr 16 j 06:04	25°♈57'47	
	-1692 Apr 22 j 08:54	0°♉	
conjunction	-1692 Jun 05 j 03:09	28°♉26'30	0°42'33
minimum elong	-1692 Jun 05 j 01:50	28°♉24'23	0°42'34
	-1692 Jun 07 j 13:19	0°♊	
max. Earth dist.	-1692 Jun 13 j 10:09	3°♊45'57	2.65859 AU
morning rise	-1692 Jul 21 j 17:06	28°♊11'34	
	-1692 Jul 24 j 13:20	0°♋	
	-1692 Sep 09 j 19:20	0°♌	
	-1692 Oct 27 j 02:57	0°♍	
	-1692 Dec 13 j 22:30	0°♎	
	-1691 Feb 01 j 20:10	0°♏	
desc. node	-1691 Apr 01 j 01:38	29°♏05'11	
	-1691 Apr 03 j 12:42	0°♐	
retrograde	-1691 May 10 j 01:17	7°♐20'36	
opposition	-1691 Jun 09 j 10:14	2°♐18'18	-4°33'58
greatest brilliancy	-1691 Jun 09 j 19:19	2°♐12'11	-2.9m
min. Earth dist.	-1691 Jun 12 j 07:32	1°♐31'43	0.38189 AU
	-1691 Jun 18 j 05:11	30°℞♏	
direct	-1691 Jul 10 j 10:21	26°♏56'26	
	-1691 Aug 01 j 06:04	0°♐	
	-1691 Oct 02 j 06:04	0°♑	
	-1691 Nov 17 j 17:09	0°♒	
	-1690 Jan 01 j 12:56	0°♓	
asc. node	-1690 Feb 02 j 06:03	21°♓04'41	
	-1690 Feb 15 j 19:33	0°♈	
	-1690 Apr 03 j 01:37	0°♉	
	-1690 May 20 j 02:35	0°♊	
evening set	-1690 May 27 j 08:17	4°♊35'43	
	-1690 Jul 06 j 07:34	0°♋	
max. Earth dist.	-1690 Jul 07 j 05:03	0°♋34'15	2.67111 AU
conjunction	-1690 Jul 13 j 00:31	4°♋16'50	1°07'27
minimum elong	-1690 Jul 12 j 23:51	4°♋15'45	1°07'29
	-1690 Aug 21 j 23:41	0°♌	
morning rise	-1690 Aug 26 j 20:40	3°♌10'02	
	-1690 Oct 06 j 15:40	0°♍	
	-1690 Nov 20 j 04:12	0°♎	
	-1689 Jan 02 j 16:44	0°♏	
	-1689 Feb 14 j 14:18	0°♐	
desc. node	-1689 Feb 17 j 00:45	1°♐42'22	
	-1689 Mar 29 j 19:08	0°♑	
	-1689 May 15 j 07:27	0°♒	
retrograde	-1689 Jul 22 j 22:13	24°♒53'11	
min. Earth dist.	-1689 Aug 18 j 20:53	20°♒02'07	0.42702 AU
greatest brilliancy	-1689 Aug 25 j 04:39	17°♒59'45	-2.6m
opposition	-1689 Aug 26 j 12:57	17°♒33'27	-5°35'39
direct	-1689 Sep 26 j 23:51	11°♒31'53	
	-1689 Nov 27 j 22:15	0°♓	
asc. node	-1689 Dec 21 j 05:25	12°♓04'34	
	-1688 Jan 21 j 20:03	0°♈	
	-1688 Mar 12 j 00:07	0°♉	
	-1688 Apr 29 j 23:08	0°♊	
	-1688 Jun 17 j 00:05	0°♋	
evening set	-1688 Jul 03 j 06:43	10°♋20'32	
max. Earth dist.	-1688 Jul 30 j 08:41	27°♋48'30	2.62986 AU
	-1688 Aug 02 j 17:18	0°♌	
conjunction	-1688 Aug 18 j 13:32	10°♌25'15	1°06'03
minimum elong	-1688 Aug 18 j 14:21	10°♌26'36	1°06'05
	-1688 Sep 16 j 17:44	0°♍	
morning rise	-1688 Oct 03 j 20:52	11°♍44'53	
	-1688 Oct 29 j 22:38	0°♎	
	-1688 Dec 10 j 12:26	0°♏	
desc. node	-1687 Jan 04 j 00:49	18°♏08'49	
	-1687 Jan 19 j 20:32	0°♐	
	-1687 Feb 28 j 13:49	0°♑	
	-1687 Apr 09 j 14:43	0°♒	
	-1687 May 21 j 14:06	0°♓	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1687 Jul 08 j 15:02	0°♈	
retrograde	-1687 Sep 09 j 05:57	20°♈31'29	
min. Earth dist.	-1687 Oct 11 j 08:20	13°♈32'31	0.55290 AU
opposition	-1687 Oct 18 j 02:30	10°♈55'33	-0°54'46
greatest brilliancy	-1687 Oct 17 j 21:24	11°♈00'29	-1.9m
asc. node	-1687 Nov 07 j 03:52	4°♈31'37	
direct	-1687 Nov 22 j 22:03	2°♈51'18	
	-1686 Feb 13 j 03:13	0°♉	
	-1686 Apr 08 j 17:23	0°♊	
	-1686 May 28 j 20:09	0°♋	
	-1686 Jul 15 j 05:59	0°♌	
evening set	-1686 Aug 11 j 14:29	18°♌04'03	
max. Earth dist.	-1686 Aug 28 j 19:04	29°♌43'46	2.53867 AU
	-1686 Aug 29 j 04:33	0°♍	
conjunction	-1686 Sep 29 j 17:50	22°♍03'40	0°33'18
minimum elong	-1686 Sep 29 j 19:14	22°♍06'08	0°33'16
	-1686 Oct 10 j 19:34	0°♎	
	-1686 Nov 20 j 11:57	0°♏	
morning rise	-1686 Nov 21 j 09:19	0°♏40'13	
desc. node	-1686 Nov 22 j 00:00	1°♏07'52	
	-1686 Dec 29 j 19:13	0°♐	
	-1685 Feb 06 j 10:48	0°♑	
	-1685 Mar 17 j 07:00	0°♒	
	-1685 Apr 26 j 07:42	0°♓	
	-1685 Jun 07 j 20:17	0°♈	
	-1685 Jul 25 j 10:02	0°♉	
asc. node	-1685 Sep 25 j 02:39	27°♉30'58	
	-1685 Oct 08 j 11:58	0°♊	
retrograde	-1685 Oct 17 j 07:52	0°♊30'26	
	-1685 Oct 25 j 22:20	30°℞♉	
min. Earth dist.	-1685 Nov 23 j 03:45	21°♉51'10	0.64396 AU
opposition	-1685 Nov 26 j 09:42	20°♉32'57	2°20'58
greatest brilliancy	-1685 Nov 26 j 02:05	20°♉40'36	-1.5m
direct	-1684 Jan 04 j 09:56	11°♉18'01	
	-1684 Mar 10 j 09:55	0°♊	
	-1684 May 06 j 08:42	0°♋	
	-1684 Jun 24 j 18:59	0°♌	
	-1684 Aug 09 j 06:47	0°♍	
	-1684 Sep 20 j 19:24	0°♎	
evening set	-1684 Sep 25 j 22:50	3°♎44'59	
desc. node	-1684 Oct 08 j 22:10	13°♎19'12	
max. Earth dist.	-1684 Oct 15 j 06:50	18°♎04'02	2.41440 AU
	-1684 Oct 31 j 02:00	0°♏	
conjunction	-1684 Nov 22 j 02:15	16°♏55'07	-0°29'14
minimum elong	-1684 Nov 22 j 00:14	16°♏51'13	0°29'14
	-1684 Dec 08 j 21:12	0°♐	
	-1683 Jan 16 j 01:36	0°♑	
morning rise	-1683 Jan 26 j 16:34	8°♑20'22	
	-1683 Feb 23 j 12:21	0°♒	
	-1683 Apr 04 j 02:19	0°♓	
	-1683 May 15 j 15:45	0°♈	
	-1683 Jun 29 j 02:28	0°♉	
asc. node	-1683 Aug 12 j 03:01	27°♉03'37	
	-1683 Aug 17 j 06:28	0°♊	
	-1683 Oct 21 j 14:29	0°♋	
retrograde	-1683 Nov 20 j 00:23	4°♋45'37	
	-1683 Dec 17 j 01:49	30°℞♊	
opposition	-1683 Dec 29 j 21:31	25°♊09'05	4°11'11
greatest brilliancy	-1683 Dec 29 j 21:56	25°♊08'40	-1.3m
min. Earth dist.	-1683 Dec 30 j 11:13	24°♊55'24	0.67447 AU
direct	-1682 Feb 08 j 17:45	15°♊17'11	
	-1682 Apr 06 j 11:57	0°♋	
	-1682 Jun 02 j 15:03	0°♌	
	-1682 Jul 20 j 02:32	0°♍	
desc. node	-1682 Aug 26 j 20:30	26°♍10'03	
	-1682 Sep 01 j 04:15	0°♎	
	-1682 Oct 11 j 11:22	0°♏	
	-1682 Nov 19 j 03:00	0°♐	
evening set	-1682 Nov 26 j 02:43	5°♐29'51	
	-1682 Dec 27 j 03:59	0°♑	
conjunction	-1681 Jan 31 j 14:39	27°♑43'21	-1°05'46
minimum elong	-1681 Jan 31 j 15:23	27°♑44'46	1°05'48
	-1681 Feb 03 j 13:22	0°♒	
	-1681 Mar 15 j 03:32	0°♓	
max. Earth dist.	-1681 Mar 22 j 20:59	5°♓42'23	2.42295 AU
morning rise	-1681 Apr 07 j 23:48	17°♓26'26	
	-1681 Apr 25 j 14:43	0°♈	
	-1681 Jun 08 j 09:46	0°♉	
asc. node	-1681 Jun 30 j 02:17	14°♉13'25	
	-1681 Jul 24 j 22:43	0°♊	
	-1681 Sep 13 j 10:02	0°♋	
	-1681 Nov 14 j 15:09	0°♌	
retrograde	-1681 Dec 26 j 07:40	8°♌39'57	
opposition	-1680 Feb 02 j 22:23	29°♋47'34	4°45'48
	-1680 Feb 02 j 09:36	30°℞♋	
greatest brilliancy	-1680 Feb 03 j 14:55	29°♋31'28	-1.4m
min. Earth dist.	-1680 Feb 07 j 08:52	28°♋04'01	0.63997 AU
direct	-1680 Mar 15 j 04:47	19°♋47'42	
	-1680 Apr 28 j 21:14	0°♌	
	-1680 Jun 25 j 05:26	0°♍	
desc. node	-1680 Jul 13 j 19:34	11°♍47'46	
	-1680 Aug 09 j 14:56	0°♎	
	-1680 Sep 19 j 17:07	0°♏	
	-1680 Oct 28 j 16:46	0°♐	
	-1680 Dec 05 j 23:21	0°♑	
	-1679 Jan 13 j 15:10	0°♒	
evening set	-1679 Feb 02 j 12:28	15°♒05'56	
	-1679 Feb 22 j 13:09	0°♓	
conjunction	-1679 Apr 03 j 22:52	29°♓02'29	-0°25'27
minimum elong	-1679 Apr 04 j 00:20	29°♓05'04	0°25'25
	-1679 Apr 05 j 07:40	0°♈	
max. Earth dist.	-1679 May 07 j 16:27	22°♈16'16	2.55174 AU
asc. node	-1679 May 17 j 00:19	28°♈32'47	
	-1679 May 19 j 04:29	0°♉	
morning rise	-1679 May 29 j 00:41	6°♉32'26	
	-1679 Jul 04 j 02:13	0°♊	
	-1679 Aug 20 j 22:18	0°♋	
	-1679 Oct 10 j 07:29	0°♌	
	-1679 Dec 06 j 10:15	0°♍	
retrograde	-1678 Feb 07 j 00:57	17°♍19'37	
opposition	-1678 Mar 15 j 02:48	9°♍41'24	3°32'39
greatest brilliancy	-1678 Mar 16 j 04:07	9°♍18'23	-1.9m
min. Earth dist.	-1678 Mar 22 j 23:42	6°♍50'22	0.54283 AU
direct	-1678 Apr 23 j 18:10	0°♍25'48	
desc. node	-1678 May 31 j 18:08	8°♍44'12	
	-1678 Jul 12 j 05:15	0°♎	
	-1678 Aug 26 j 07:57	0°♏	
	-1678 Oct 05 j 23:15	0°♐	
	-1678 Nov 14 j 06:41	0°♑	
	-1678 Dec 23 j 19:27	0°♒	
	-1677 Feb 02 j 12:57	0°♓	
	-1677 Mar 17 j 00:56	0°♈	
evening set	-1677 Mar 30 j 05:37	9°♈02'57	
asc. node	-1677 Apr 03 j 23:31	12°♈16'30	
	-1677 Apr 30 j 10:17	0°♉	
conjunction	-1677 May 21 j 06:34	13°♉42'18	0°26'45
minimum elong	-1677 May 21 j 05:31	13°♉40'35	0°26'45
max. Earth dist.	-1677 Jun 04 j 22:42	23°♉14'19	2.63891 AU
	-1677 Jun 15 j 10:16	0°♊	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

morning rise	-1677 Jul 08 j 09:52	14°♊42'42	
	-1677 Aug 01 j 12:02	0°♋	
	-1677 Sep 18 j 05:42	0°♌	
	-1677 Nov 05 j 18:39	0°♍	
	-1677 Dec 26 j 11:58	0°♎	
	-1676 Feb 24 j 15:22	0°♏	
retrograde	-1676 Apr 08 j 20:49	9°♏56'32	
desc. node	-1676 Apr 17 j 18:04	9°♏26'41	
opposition	-1676 May 10 j 14:59	4°♏17'51	-1°29'03
greatest brilliancy	-1676 May 10 j 23:38	4°♏11'22	-2.7m
min. Earth dist.	-1676 May 17 j 10:33	2°♏15'59	0.41419 AU
	-1676 May 25 j 23:22	30°℞♎	
direct	-1676 Jun 13 j 15:30	27°♎41'00	
	-1676 Jul 02 j 05:44	0°♏	
	-1676 Sep 02 j 17:19	0°♐	
	-1676 Oct 17 j 09:22	0°♑	
	-1676 Nov 28 j 22:47	0°♒	
	-1675 Jan 10 j 19:41	0°♓	
asc. node	-1675 Feb 18 j 21:47	26°♓38'36	
	-1675 Feb 23 j 21:57	0°♈	
	-1675 Apr 10 j 10:15	0°♉	
evening set	-1675 May 12 j 01:08	20°♉24'12	
	-1675 May 27 j 01:04	0°♊	
conjunction	-1675 Jun 28 j 14:23	20°♊45'22	1°00'41
minimum elong	-1675 Jun 28 j 13:18	20°♊43'37	1°00'43
max. Earth dist.	-1675 Jun 28 j 02:34	20°♊26'32	2.67281 AU
	-1675 Jul 13 j 02:29	0°♋	
morning rise	-1675 Aug 12 j 17:49	19°♋35'32	
	-1675 Aug 28 j 22:09	0°♌	
	-1675 Oct 14 j 02:00	0°♍	
	-1675 Nov 28 j 12:38	0°♎	
	-1674 Jan 12 j 13:02	0°♏	
	-1674 Feb 26 j 20:32	0°♐	
desc. node	-1674 Mar 05 j 18:33	4°♐29'39	
	-1674 Apr 15 j 23:26	0°♑	
retrograde	-1674 Jun 27 j 09:21	26°♑13'28	
min. Earth dist.	-1674 Jul 24 j 06:22	21°♑48'17	0.38864 AU
greatest brilliancy	-1674 Jul 28 j 08:20	20°♑38'37	-2.8m
opposition	-1674 Jul 29 j 10:46	20°♑19'46	-6°45'18
direct	-1674 Aug 28 j 06:54	15°♑08'52	
	-1674 Oct 20 j 16:47	0°♒	
	-1674 Dec 14 j 05:57	0°♓	
asc. node	-1673 Jan 06 j 19:50	14°♓19'24	
	-1673 Feb 01 j 03:40	0°♈	
	-1673 Mar 21 j 05:49	0°♉	
	-1673 May 08 j 06:09	0°♊	
evening set	-1673 Jun 19 j 15:41	26°♊41'00	
	-1673 Jun 24 j 21:10	0°♋	
max. Earth dist.	-1673 Jul 21 j 18:10	17°♋11'01	2.65229 AU
conjunction	-1673 Aug 04 j 18:01	26°♋14'12	1°10'00
minimum elong	-1673 Aug 04 j 18:14	26°♋14'34	1°10'02
	-1673 Aug 10 j 12:41	0°♌	
morning rise	-1673 Sep 19 j 00:43	26°♌09'10	
	-1673 Sep 24 j 17:45	0°♍	
	-1673 Nov 07 j 08:38	0°♎	
	-1673 Dec 19 j 12:45	0°♏	
desc. node	-1672 Jan 21 j 17:15	24°♏12'14	
	-1672 Jan 29 j 14:03	0°♐	
	-1672 Mar 10 j 03:12	0°♑	
	-1672 Apr 20 j 07:18	0°♒	
	-1672 Jun 03 j 17:05	0°♓	
	-1672 Aug 07 j 13:17	0°♈	
retrograde	-1672 Aug 23 j 00:13	1°♈39'47	
	-1672 Sep 07 j 00:54	30°℞♓	
min. Earth dist.	-1672 Sep 21 j 23:12	25°♓30'20	0.50414 AU
opposition	-1672 Sep 29 j 16:59	22°♓38'02	-2°38'42
greatest brilliancy	-1672 Sep 29 j 00:25	22°♓53'25	-2.2m
direct	-1672 Nov 02 j 20:50	15°♓15'21	
asc. node	-1672 Nov 23 j 19:27	17°♓50'38	
	-1672 Dec 28 j 07:50	0°♈	
	-1671 Feb 24 j 13:38	0°♉	
	-1671 Apr 17 j 01:49	0°♊	
	-1671 Jun 05 j 03:46	0°♋	
	-1671 Jul 22 j 05:15	0°♌	
evening set	-1671 Jul 26 j 20:48	3°♌02'15	
max. Earth dist.	-1671 Aug 16 j 07:42	16°♌34'57	2.57975 AU
	-1671 Sep 05 j 03:32	0°♍	
conjunction	-1671 Sep 12 j 09:54	4°♍59'34	0°50'01
minimum elong	-1671 Sep 12 j 11:22	5°♍02'05	0°50'01
	-1671 Oct 17 j 22:53	0°♎	
morning rise	-1671 Oct 31 j 19:10	10°♎00'05	
	-1671 Nov 27 j 22:16	0°♏	
desc. node	-1671 Dec 08 j 16:13	8°♏03'18	
	-1670 Jan 06 j 13:29	0°♐	
	-1670 Feb 14 j 12:45	0°♑	
	-1670 Mar 25 j 16:37	0°♒	
	-1670 May 05 j 03:41	0°♓	
	-1670 Jun 17 j 16:16	0°♈	
	-1670 Aug 08 j 06:20	0°♉	
retrograde	-1670 Oct 03 j 05:36	16°♉10'41	
asc. node	-1670 Oct 11 j 19:11	15°♉39'54	
min. Earth dist.	-1670 Nov 07 j 08:26	8°♉06'38	0.61483 AU
opposition	-1670 Nov 12 j 01:08	6°♉14'19	1°16'33
greatest brilliancy	-1670 Nov 11 j 19:13	6°♉20'12	-1.6m
	-1670 Nov 29 j 23:57	30°℞♈	
direct	-1670 Dec 19 j 23:33	27°♈22'12	
	-1669 Jan 10 j 13:13	0°♉	
	-1669 Mar 23 j 18:12	0°♊	
	-1669 May 15 j 20:41	0°♋	
	-1669 Jul 03 j 06:37	0°♌	
	-1669 Aug 17 j 11:36	0°♍	
evening set	-1669 Sep 07 j 14:32	14°♍41'06	
max. Earth dist.	-1669 Sep 22 j 12:55	25°♍19'24	2.46409 AU
	-1669 Sep 29 j 00:18	0°♎	
desc. node	-1669 Oct 26 j 15:18	20°♎22'13	
conjunction	-1669 Oct 30 j 20:48	23°♎32'40	-0°02'53
minimum elong	-1669 Oct 30 j 20:39	23°♎32'23	0°02'54
behind sun begin	-1669 Oct 29 j 21:06	22°♎48'07	
behind sun end	-1669 Oct 31 j 20:13	24°♎16'41	
	-1669 Nov 08 j 09:57	0°♏	
	-1669 Dec 17 j 08:55	0°♐	
morning rise	-1669 Dec 30 j 00:10	9°♐52'13	
	-1668 Jan 24 j 16:28	0°♑	
	-1668 Mar 03 j 05:30	0°♒	
	-1668 Apr 11 j 21:32	0°♓	
	-1668 May 23 j 15:36	0°♈	
	-1668 Jul 07 j 18:19	0°♉	
asc. node	-1668 Aug 28 j 18:20	0°♊03'26	
	-1668 Aug 28 j 15:39	0°♊	
retrograde	-1668 Nov 06 j 14:20	21°♊54'33	
opposition	-1668 Dec 16 j 16:40	12°♊06'52	3°37'19
min. Earth dist.	-1668 Dec 15 j 18:25	12°♊29'11	0.67016 AU
greatest brilliancy	-1668 Dec 16 j 12:24	12°♊11'09	-1.3m
direct	-1667 Jan 25 j 23:34	2°♊26'14	
	-1667 Apr 19 j 20:43	0°♋	
	-1667 Jun 11 j 12:00	0°♌	
	-1667 Jul 27 j 22:47	0°♍	
	-1667 Sep 08 j 17:27	0°♎	
desc. node	-1667 Sep 12 j 13:24	2°♎47'13	
	-1667 Oct 18 j 23:32	0°♏	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

evening set	-1667 Oct 31 j 03:12	9°♏19'50	
	-1667 Nov 26 j 15:52	0°♐	
conjunction	-1666 Jan 03 j 02:59	29°♐31'47	-1°01'30
minimum elong	-1666 Jan 03 j 00:47	29°♐27'27	1°01'30
	-1666 Jan 03 j 17:18	0°♑	
max. Earth dist.	-1666 Feb 01 j 00:36	22°♑11'33	2.37819 AU
	-1666 Feb 11 j 02:11	0°♒	
morning rise	-1666 Mar 13 j 05:41	22°♒59'15	
	-1666 Mar 22 j 14:54	0°♓	
	-1666 May 03 j 00:54	0°♈	
	-1666 Jun 15 j 22:30	0°♉	
asc. node	-1666 Jul 16 j 17:46	19°♉53'08	
	-1666 Aug 02 j 01:50	0°♊	
	-1666 Sep 23 j 23:37	0°♋	
retrograde	-1666 Dec 11 j 16:36	25°♋24'04	
opposition	-1665 Jan 19 j 22:36	16°♋11'34	4°42'00
greatest brilliancy	-1665 Jan 20 j 08:36	16°♋01'43	-1.3m
min. Earth dist.	-1665 Jan 22 j 21:06	15°♋02'06	0.66132 AU
direct	-1665 Mar 02 j 05:45	6°♋10'39	
	-1665 May 15 j 22:17	0°♌	
	-1665 Jul 06 j 01:06	0°♍	
desc. node	-1665 Jul 31 j 12:03	16°♍56'09	
	-1665 Aug 19 j 03:51	0°♎	
	-1665 Sep 28 j 19:31	0°♏	
	-1665 Nov 06 j 14:24	0°♐	
	-1665 Dec 14 j 17:27	0°♑	
evening set	-1664 Jan 08 j 07:37	19°♑14'18	
	-1664 Jan 22 j 05:34	0°♒	
	-1664 Mar 01 j 23:17	0°♓	
conjunction	-1664 Mar 12 j 12:17	7°♓44'43	-0°46'07
minimum elong	-1664 Mar 12 j 14:48	7°♓49'19	0°46'07
	-1664 Apr 12 j 13:29	0°♈	
max. Earth dist.	-1664 Apr 23 j 13:05	7°♈40'27	2.50465 AU
morning rise	-1664 May 10 j 17:41	19°♈29'21	
	-1664 May 26 j 07:48	0°♉	
asc. node	-1664 Jun 02 j 16:41	4°♉54'25	
	-1664 Jul 11 j 08:08	0°♊	
	-1664 Aug 28 j 19:50	0°♋	
	-1664 Oct 20 j 11:32	0°♌	
	-1663 Jan 03 j 19:18	0°♍	
retrograde	-1663 Jan 19 j 14:00	1°♍26'00	
	-1663 Feb 03 j 14:29	30°℞♌	
opposition	-1663 Feb 25 j 20:24	23°♌13'42	4°18'47
greatest brilliancy	-1663 Feb 26 j 20:54	22°♌50'36	-1.7m
min. Earth dist.	-1663 Mar 04 j 12:45	20°♌43'03	0.58781 AU
direct	-1663 Apr 07 j 11:21	13°♌31'00	
	-1663 Jun 03 j 17:15	0°♍	
desc. node	-1663 Jun 17 j 12:07	7°♍12'43	
	-1663 Jul 24 j 17:38	0°♎	
	-1663 Sep 05 j 09:49	0°♏	
	-1663 Oct 15 j 02:28	0°♐	
	-1663 Nov 22 j 20:02	0°♑	
	-1663 Dec 31 j 21:36	0°♒	
	-1662 Feb 10 j 05:04	0°♓	
evening set	-1662 Mar 10 j 10:16	20°♓14'52	
	-1662 Mar 24 j 08:12	0°♈	
asc. node	-1662 Apr 20 j 14:25	18°♈41'26	
conjunction	-1662 May 04 j 06:16	27°♈52'05	0°08'03
minimum elong	-1662 May 04 j 05:52	27°♈51'25	0°08'04
behind sun begin	-1662 May 03 j 10:55	27°♈19'47	
behind sun end	-1662 May 05 j 00:49	28°♈23'01	
	-1662 May 07 j 11:01	0°♉	
max. Earth dist.	-1662 May 25 j 21:53	12°♉11'21	2.61098 AU
	-1662 Jun 22 j 08:14	0°♊	
morning rise	-1662 Jun 23 j 12:50	0°♊45'59	
	-1662 Aug 08 j 14:05	0°♋	
	-1662 Sep 26 j 00:39	0°♌	
	-1662 Nov 15 j 10:56	0°♍	
	-1661 Jan 11 j 08:13	0°♎	
retrograde	-1661 Mar 13 j 16:06	16°♎56'41	
opposition	-1661 Apr 16 j 05:32	10°♎27'04	1°06'48
greatest brilliancy	-1661 Apr 16 j 15:36	10°♎18'47	-2.4m
min. Earth dist.	-1661 Apr 24 j 15:37	7°♎40'52	0.46313 AU
desc. node	-1661 May 05 j 11:01	4°♎38'04	
direct	-1661 May 23 j 03:02	2°♎31'03	
	-1661 Aug 04 j 17:35	0°♏	
	-1661 Sep 18 j 15:02	0°♐	
	-1661 Oct 29 j 20:51	0°♑	
	-1661 Dec 09 j 16:18	0°♒	
	-1660 Jan 20 j 09:35	0°♓	
	-1660 Mar 03 j 16:13	0°♈	
asc. node	-1660 Mar 07 j 13:29	2°♈38'09	
	-1660 Apr 17 j 15:11	0°♉	
evening set	-1660 Apr 25 j 22:54	5°♉26'49	
	-1660 Jun 02 j 22:16	0°♊	
conjunction	-1660 Jun 13 j 20:43	7°♊00'17	0°50'15
minimum elong	-1660 Jun 13 j 19:24	6°♊58'11	0°50'16
max. Earth dist.	-1660 Jun 18 j 21:34	10°♊13'27	2.66600 AU
	-1660 Jul 19 j 22:05	0°♋	
morning rise	-1660 Jul 29 j 19:02	6°♋17'08	
	-1660 Sep 04 j 23:40	0°♌	
	-1660 Oct 21 j 19:32	0°♍	
	-1660 Dec 07 j 13:52	0°♎	
	-1659 Jan 24 j 02:02	0°♏	
	-1659 Mar 16 j 00:12	0°♐	
desc. node	-1659 Mar 22 j 10:10	3°♐25'17	
retrograde	-1659 May 28 j 05:28	24°♐57'22	
opposition	-1659 Jun 27 j 14:18	19°♐54'33	-5°58'17
min. Earth dist.	-1659 Jun 27 j 11:22	19°♐56'29	0.37566 AU
greatest brilliancy	-1659 Jun 27 j 12:20	19°♐55'51	-2.9m
direct	-1659 Jul 27 j 15:43	14°♐54'09	
	-1659 Sep 18 j 05:05	0°♑	
	-1659 Nov 09 j 09:37	0°♒	
	-1659 Dec 26 j 02:32	0°♓	
asc. node	-1658 Jan 23 j 12:35	18°♓28'59	
	-1658 Feb 10 j 07:08	0°♈	
	-1658 Mar 29 j 01:29	0°♉	
	-1658 May 15 j 09:11	0°♊	
evening set	-1658 Jun 04 j 22:12	12°♊59'46	
	-1658 Jul 01 j 17:03	0°♋	
max. Earth dist.	-1658 Jul 12 j 14:25	6°♋56'54	2.66671 AU
conjunction	-1658 Jul 21 j 06:44	12°♋30'28	1°09'35
minimum elong	-1658 Jul 21 j 06:21	12°♋29'52	1°09'37
	-1658 Aug 17 j 08:50	0°♌	
morning rise	-1658 Sep 04 j 03:17	11°♌36'56	
	-1658 Oct 01 j 20:42	0°♍	
	-1658 Nov 15 j 00:50	0°♎	
	-1658 Dec 28 j 00:04	0°♏	
desc. node	-1657 Feb 07 j 10:04	29°♏31'07	
	-1657 Feb 08 j 02:10	0°♐	
	-1657 Mar 22 j 00:04	0°♑	
	-1657 May 04 j 12:37	0°♒	
	-1657 Jun 26 j 04:35	0°♓	
retrograde	-1657 Aug 04 j 10:20	9°♓36'04	
min. Earth dist.	-1657 Sep 01 j 07:44	4°♓18'25	0.45349 AU
greatest brilliancy	-1657 Sep 08 j 04:12	1°♓57'04	-2.4m
opposition	-1657 Sep 09 j 08:39	1°♓32'28	-4°33'26
	-1657 Sep 13 j 22:28	30°℞♒	
direct	-1657 Oct 11 j 18:20	25°♒00'07	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1657 Nov 10 j 05:11	0°♓	
asc. node	-1657 Dec 11 j 11:21	12°♓34'27	
	-1656 Jan 14 j 04:09	0°♈	
	-1656 Mar 06 j 05:14	0°♉	
	-1656 Apr 24 j 21:50	0°♊	
	-1656 Jun 12 j 06:30	0°♋	
evening set	-1656 Jul 11 j 18:44	18°♋46'23	
	-1656 Jul 29 j 02:32	0°♌	
max. Earth dist.	-1656 Aug 05 j 08:43	4°♌45'16	2.61402 AU
conjunction	-1656 Aug 27 j 08:47	19°♌21'46	1°01'35
minimum elong	-1656 Aug 27 j 09:53	19°♌23'38	1°01'36
	-1656 Sep 12 j 02:19	0°♍	
morning rise	-1656 Oct 13 j 12:50	21°♍46'07	
	-1656 Oct 25 j 04:01	0°♎	
	-1656 Dec 05 j 12:39	0°♏	
desc. node	-1656 Dec 25 j 08:55	14°♏45'43	
	-1655 Jan 14 j 14:25	0°♐	
	-1655 Feb 23 j 00:14	0°♑	
	-1655 Apr 03 j 15:32	0°♒	
	-1655 May 14 j 20:38	0°♓	
	-1655 Jun 29 j 09:52	0°♈	
	-1655 Sep 08 j 20:34	0°♉	
retrograde	-1655 Sep 18 j 07:36	0°♉36'45	
	-1655 Sep 27 j 13:37	30°℞♈	
min. Earth dist.	-1655 Oct 21 j 12:45	23°♈13'17	0.57700 AU
opposition	-1655 Oct 27 j 14:39	20°♈50'09	-0°02'09
greatest brilliancy	-1654 Jun 15 j 15:45	14°♋09'55	1.7m
asc. node	-1655 Oct 28 j 10:17	20°♈30'57	
direct	-1655 Dec 03 j 06:18	12°♈26'52	
	-1654 Feb 04 j 00:24	0°♉	
	-1654 Apr 02 j 18:33	0°♊	
	-1654 May 23 j 18:16	0°♋	
	-1654 Jul 10 j 12:03	0°♌	
evening set	-1654 Aug 21 j 01:12	27°♌36'45	
	-1654 Aug 24 j 13:00	0°♍	
max. Earth dist.	-1654 Sep 05 j 18:56	8°♍27'42	2.51303 AU
	-1654 Oct 06 j 03:23	0°♎	
conjunction	-1654 Oct 10 j 10:10	3°♎06'12	0°21'20
minimum elong	-1654 Oct 10 j 11:13	3°♎08'07	0°21'18
desc. node	-1654 Nov 12 j 07:37	27°♎25'55	
	-1654 Nov 15 j 17:27	0°♏	
morning rise	-1654 Dec 04 j 10:24	14°♏13'22	
	-1654 Dec 24 j 21:47	0°♐	
	-1653 Feb 01 j 10:12	0°♑	
	-1653 Mar 12 j 03:14	0°♒	
	-1653 Apr 20 j 23:38	0°♓	
	-1653 Jun 02 j 02:36	0°♈	
	-1653 Jul 18 j 10:04	0°♉	
	-1653 Sep 14 j 21:43	0°♊	
asc. node	-1653 Sep 15 j 10:12	0°♊11'58	
retrograde	-1653 Oct 25 j 03:38	8°♊44'42	
	-1653 Dec 01 j 08:49	30°℞♉	
min. Earth dist.	-1653 Dec 01 j 20:50	29°♉47'58	0.65602 AU
opposition	-1653 Dec 04 j 07:01	28°♉49'34	2°52'27
greatest brilliancy	-1653 Dec 03 j 23:51	28°♉56'45	-1.4m
direct	-1652 Jan 12 j 19:49	19°♉24'13	
	-1652 Feb 28 j 20:53	0°♊	
	-1652 Apr 30 j 06:58	0°♋	
	-1652 Jun 19 j 15:55	0°♌	
	-1652 Aug 04 j 11:29	0°♍	
	-1652 Sep 16 j 02:27	0°♎	
desc. node	-1652 Sep 29 j 07:01	9°♎39'47	
evening set	-1652 Oct 07 j 21:19	16°♎02'57	
	-1652 Oct 26 j 08:57	0°♏	
max. Earth dist.	-1652 Nov 05 j 11:20	7°♏43'56	2.38995 AU
	-1652 Dec 04 j 03:00	0°♐	
conjunction	-1652 Dec 06 j 13:30	1°♐54'40	-0°43'19
minimum elong	-1652 Dec 06 j 10:42	1°♐49'11	0°43'20
	-1651 Jan 11 j 05:49	0°♑	
morning rise	-1651 Feb 12 j 12:41	25°♑16'22	
	-1651 Feb 18 j 15:10	0°♒	
	-1651 Mar 30 j 03:46	0°♓	
	-1651 May 10 j 14:28	0°♈	
	-1651 Jun 23 j 18:05	0°♉	
asc. node	-1651 Aug 02 j 08:48	24°♉55'39	
	-1651 Aug 10 j 21:44	0°♊	
	-1651 Oct 07 j 20:06	0°♋	
retrograde	-1651 Nov 27 j 19:04	12°♋32'40	
opposition	-1650 Jan 06 j 12:17	3°♋03'50	4°25'42
greatest brilliancy	-1650 Jan 06 j 15:56	3°♋00'13	-1.3m
min. Earth dist.	-1650 Jan 07 j 22:23	2°♋29'56	0.67272 AU
	-1650 Jan 14 j 08:18	30°℞♊	
direct	-1650 Feb 16 j 14:15	23°♊07'29	
	-1650 Mar 25 j 03:15	0°♋	
	-1650 May 27 j 06:57	0°♌	
	-1650 Jul 14 j 18:59	0°♍	
desc. node	-1650 Aug 17 j 05:37	22°♍53'00	
	-1650 Aug 27 j 04:56	0°♎	
	-1650 Oct 06 j 15:08	0°♏	
	-1650 Nov 14 j 07:53	0°♐	
evening set	-1650 Dec 11 j 13:11	21°♐27'20	
	-1650 Dec 22 j 09:06	0°♑	
	-1649 Jan 29 j 18:36	0°♒	
conjunction	-1649 Feb 16 j 02:13	13°♒15'58	-1°01'36
minimum elong	-1649 Feb 16 j 04:17	13°♒19'54	1°01'37
	-1649 Mar 10 j 08:56	0°♓	
max. Earth dist.	-1649 Apr 06 j 09:51	19°♓44'27	2.45214 AU
	-1649 Apr 20 j 19:45	0°♈	
morning rise	-1649 Apr 21 j 01:43	0°♈10'31	
	-1649 Jun 03 j 13:00	0°♉	
asc. node	-1649 Jun 20 j 07:17	11°♉04'33	
	-1649 Jul 19 j 19:01	0°♊	
	-1649 Sep 07 j 07:25	0°♋	
	-1649 Nov 03 j 05:41	0°♌	
retrograde	-1648 Jan 04 j 02:55	16°♌59'11	
opposition	-1648 Feb 11 j 07:51	8°♌19'41	4°40'54
greatest brilliancy	-1648 Feb 12 j 03:45	8°♌00'30	-1.5m
min. Earth dist.	-1648 Feb 16 j 14:30	6°♌17'50	0.62401 AU
	-1648 Mar 07 j 19:46	30°℞♋	
direct	-1648 Mar 23 j 11:23	28°♋23'24	
	-1648 Apr 08 j 20:33	0°♌	
	-1648 Jun 18 j 02:09	0°♍	
desc. node	-1648 Jul 04 j 04:03	9°♍44'39	
	-1648 Aug 03 j 20:02	0°♎	
	-1648 Sep 14 j 09:05	0°♏	
	-1648 Oct 23 j 13:55	0°♐	
	-1648 Nov 30 j 23:36	0°♑	
	-1647 Jan 08 j 17:57	0°♒	
evening set	-1647 Feb 16 j 04:43	28°♒51'03	
	-1647 Feb 17 j 18:15	0°♓	
	-1647 Mar 31 j 14:28	0°♈	
conjunction	-1647 Apr 15 j 12:35	10°♈21'13	-0°12'59
minimum elong	-1647 Apr 15 j 13:18	10°♈22'27	0°12'58
behind sun begin	-1647 Apr 14 j 23:52	9°♈59'21	
behind sun end	-1647 Apr 16 j 02:43	10°♈45'33	
asc. node	-1647 May 07 j 06:48	25°♈09'31	
	-1647 May 14 j 12:09	0°♉	
max. Earth dist.	-1647 May 14 j 19:13	0°♉11'48	2.57474 AU
morning rise	-1647 Jun 07 j 16:25	15°♉58'16	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1647 Jun 29 j 08:12	0°♊	
	-1647 Aug 15 j 21:16	0°♋	
	-1647 Oct 04 j 09:04	0°♌	
	-1647 Nov 27 j 01:51	0°♍	
retrograde	-1646 Feb 18 j 14:32	27°♍36'01	
opposition	-1646 Mar 25 j 21:28	20°♍20'01	2°51'25
greatest brilliancy	-1646 Mar 26 j 20:12	19°♍59'56	-2.0m
min. Earth dist.	-1646 Apr 03 j 05:43	17°♍23'39	0.51529 AU
direct	-1646 May 03 j 18:42	11°♍26'30	
desc. node	-1646 May 22 j 03:17	13°♍37'08	
	-1646 Jul 02 j 01:23	0°♎	
	-1646 Aug 19 j 06:17	0°♏	
	-1646 Sep 29 j 20:16	0°♐	
	-1646 Nov 08 j 15:18	0°♑	
	-1646 Dec 18 j 12:01	0°♒	
	-1645 Jan 28 j 11:58	0°♓	
	-1645 Mar 12 j 04:53	0°♈	
asc. node	-1645 Mar 25 j 05:35	8°♈53'55	
evening set	-1645 Apr 09 j 16:57	19°♈19'55	
	-1645 Apr 25 j 17:53	0°♉	
conjunction	-1645 May 30 j 11:28	22°♉41'40	0°36'18
minimum elong	-1645 May 30 j 10:13	22°♉39'39	0°36'19
	-1645 Jun 10 j 19:19	0°♊	
max. Earth dist.	-1645 Jun 10 j 14:03	29°♉51'33	2.65080 AU
morning rise	-1645 Jul 16 j 16:34	22°♊56'12	
	-1645 Jul 27 j 19:26	0°♋	
	-1645 Sep 13 j 06:00	0°♌	
	-1645 Oct 31 j 00:55	0°♍	
	-1645 Dec 18 j 21:38	0°♎	
	-1644 Feb 09 j 15:28	0°♏	
desc. node	-1644 Apr 08 j 02:42	23°♏19'41	
retrograde	-1644 Apr 25 j 23:08	25°♏13'07	
opposition	-1644 May 26 j 20:37	19°♏58'30	-3°14'14
greatest brilliancy	-1644 May 27 j 08:59	19°♏49'49	-2.8m
min. Earth dist.	-1644 May 31 j 20:05	18°♏35'01	0.39355 AU
direct	-1644 Jun 28 j 02:37	14°♏06'35	
	-1644 Aug 20 j 05:41	0°♐	
	-1644 Oct 08 j 23:34	0°♑	
	-1644 Nov 22 j 06:11	0°♒	
	-1643 Jan 05 j 01:11	0°♓	
asc. node	-1643 Feb 09 j 03:43	23°♓39'13	
	-1643 Feb 18 j 16:47	0°♈	
	-1643 Apr 05 j 13:36	0°♉	
evening set	-1643 May 20 j 21:39	29°♉03'21	
	-1643 May 22 j 09:14	0°♊	
max. Earth dist.	-1643 Jul 03 j 10:05	26°♊45'04	2.67289 AU
conjunction	-1643 Jul 06 j 21:46	28°♊58'26	1°05'05
minimum elong	-1643 Jul 06 j 20:54	28°♊57'03	1°05'06
	-1643 Jul 08 j 12:23	0°♋	
morning rise	-1643 Aug 20 j 19:46	27°♋46'41	
	-1643 Aug 24 j 06:15	0°♌	
	-1643 Oct 09 j 03:28	0°♍	
	-1643 Nov 23 j 01:31	0°♎	
	-1642 Jan 06 j 04:24	0°♏	
	-1642 Feb 18 j 23:18	0°♐	
desc. node	-1642 Feb 24 j 01:53	3°♐29'16	
	-1642 Apr 04 j 16:26	0°♑	
	-1642 May 25 j 20:25	0°♒	
retrograde	-1642 Jul 12 j 10:10	13°♒17'58	
min. Earth dist.	-1642 Aug 07 j 23:56	8°♒43'03	0.40772 AU
opposition	-1642 Aug 14 j 20:46	6°♒37'16	-6°15'26
greatest brilliancy	-1642 Aug 13 j 12:46	7°♒01'52	-2.7m
direct	-1642 Sep 14 j 12:55	1°♒00'24	
	-1642 Dec 05 j 03:16	0°♓	
asc. node	-1642 Dec 28 j 02:51	13°♓00'09	

	-1641 Jan 25 j 18:04	0°♈	
	-1641 Mar 15 j 21:16	0°♉	
	-1641 May 03 j 09:21	0°♊	
	-1641 Jun 20 j 05:56	0°♋	
evening set	-1641 Jun 28 j 00:36	4°♋56'07	
max. Earth dist.	-1641 Jul 27 j 07:53	23°♋44'14	2.64091 AU
	-1641 Aug 05 j 23:05	0°♌	
conjunction	-1641 Aug 13 j 03:53	4°♌42'45	1°08'15
minimum elong	-1641 Aug 13 j 04:27	4°♌43'41	1°08'17
	-1641 Sep 20 j 02:15	0°♍	
morning rise	-1641 Sep 27 j 22:24	5°♍19'47	
	-1641 Nov 02 j 12:17	0°♎	
	-1641 Dec 14 j 08:37	0°♏	
desc. node	-1640 Jan 12 j 02:06	21°♏07'58	
	-1640 Jan 24 j 00:13	0°♐	
	-1640 Mar 04 j 01:09	0°♑	
	-1640 Apr 13 j 11:24	0°♒	
	-1640 May 26 j 04:16	0°♓	
	-1640 Jul 16 j 05:56	0°♈	
retrograde	-1640 Sep 02 j 02:00	13°♈10'30	
min. Earth dist.	-1640 Oct 03 j 05:39	6°♈33'17	0.53184 AU
opposition	-1640 Oct 10 j 12:06	3°♈47'16	-1°37'00
greatest brilliancy	-1640 Oct 10 j 02:27	3°♈56'27	-2.0m
	-1640 Oct 21 j 04:42	30°℞♓	
direct	-1640 Nov 14 j 15:11	26°♓00'21	
asc. node	-1640 Nov 14 j 01:51	26°♓00'28	
	-1640 Dec 11 j 04:29	0°♈	
	-1639 Feb 17 j 11:58	0°♉	
	-1639 Apr 11 j 14:28	0°♊	
	-1639 May 31 j 06:26	0°♋	
	-1639 Jul 17 j 13:35	0°♌	
evening set	-1639 Aug 04 j 17:52	11°♌56'23	
max. Earth dist.	-1639 Aug 23 j 05:27	24°♌20'02	2.55798 AU
	-1639 Aug 31 j 13:07	0°♍	
conjunction	-1639 Sep 22 j 01:42	14°♍55'05	0°41'02
minimum elong	-1639 Sep 22 j 03:11	14°♍57'41	0°41'02
	-1639 Oct 13 j 07:15	0°♎	
morning rise	-1639 Nov 12 j 02:45	21°♎46'39	
	-1639 Nov 23 j 03:29	0°♏	
desc. node	-1639 Nov 29 j 01:27	4°♏26'27	
	-1638 Jan 01 j 14:43	0°♐	
	-1638 Feb 09 j 09:29	0°♑	
	-1638 Mar 20 j 08:08	0°♒	
	-1638 Apr 29 j 11:37	0°♓	
	-1638 Jun 11 j 06:32	0°♈	
	-1638 Jul 29 j 22:50	0°♉	
asc. node	-1638 Oct 02 j 00:28	24°♉23'57	
retrograde	-1638 Oct 11 j 10:02	24°♉58'36	
min. Earth dist.	-1638 Nov 16 j 12:16	16°♉34'27	0.63217 AU
opposition	-1638 Nov 20 j 09:53	15°♉00'48	1°55'48
greatest brilliancy	-1638 Nov 20 j 02:28	15°♉08'13	-1.5m
direct	-1638 Dec 28 j 23:36	5°♉55'12	
	-1637 Mar 16 j 03:50	0°♊	
	-1637 May 10 j 07:17	0°♋	
	-1637 Jun 28 j 08:00	0°♌	
	-1637 Aug 12 j 18:07	0°♍	
evening set	-1637 Sep 18 j 07:49	25°♍39'24	
	-1637 Sep 24 j 08:05	0°♎	
max. Earth dist.	-1637 Oct 04 j 14:01	7°♎28'54	2.43633 AU
desc. node	-1637 Oct 16 j 23:38	16°♎39'34	
	-1637 Nov 03 j 16:56	0°♏	
conjunction	-1637 Nov 12 j 14:35	6°♏47'13	-0°17'52
minimum elong	-1637 Nov 12 j 13:23	6°♏44'56	0°17'52
	-1637 Dec 12 j 14:24	0°♐	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

morning rise	-1636 Jan 14 j 20:23	26°♐04'42		
	-1636 Jan 19 j 20:11	0°♑		
	-1636 Feb 27 j 07:20	0°♒		
	-1636 Apr 06 j 21:08	0°♓		
	-1636 May 18 j 10:36	0°♈		
	-1636 Jul 02 j 01:04	0°♉		
asc. node	-1636 Aug 19 j 00:35	28°♉55'02		
	-1636 Aug 20 j 23:42	0°♊		
retrograde	-1636 Nov 14 j 07:01	29°♊46'33		
opposition	-1636 Dec 24 j 07:23	20°♊04'40	3°58'23	
greatest brilliancy	-1636 Dec 24 j 05:32	20°♊06'31	-1.3m	
min. Earth dist.	-1636 Dec 24 j 05:10	20°♊06'53	0.67383 AU	
direct	-1635 Feb 02 j 22:42	10°♊17'12		
	-1635 Apr 11 j 19:20	0°♋		
	-1635 Jun 05 j 19:17	0°♌		
	-1635 Jul 22 j 21:06	0°♍		
desc. node	-1635 Sep 02 j 22:02	29°♍18'21		
	-1635 Sep 03 j 21:04	0°♎		
	-1635 Oct 14 j 04:35	0°♏		
evening set	-1635 Nov 14 j 11:17	24°♏11'42		
	-1635 Nov 21 j 21:02	0°♐		
	-1635 Dec 29 j 22:07	0°♑		
conjunction	-1634 Jan 19 j 05:21	15°♑57'12	-1°05'48	
minimum elong	-1634 Jan 19 j 04:43	15°♑55'58	1°05'50	
	-1634 Feb 06 j 06:38	0°♒		
max. Earth dist.	-1634 Mar 07 j 09:12	22°♒12'40	2.40035 AU	
	-1634 Mar 17 j 19:12	0°♓		
morning rise	-1634 Mar 28 j 05:15	7°♓41'57		
	-1634 Apr 28 j 04:23	0°♈		
	-1634 Jun 10 j 22:44	0°♉		
asc. node	-1634 Jul 07 j 00:10	17°♉00'42		
	-1634 Jul 27 j 15:06	0°♊		
	-1634 Sep 16 j 20:21	0°♋		
	-1634 Nov 25 j 02:24	0°♌		
retrograde	-1634 Dec 19 j 22:46	3°♌24'09		
	-1633 Jan 11 j 23:59	30°℞♋		
opposition	-1633 Jan 27 j 21:24	24°♋22'15	4°45'33	
greatest brilliancy	-1633 Jan 28 j 11:04	24°♋08'53	-1.4m	
min. Earth dist.	-1633 Jan 31 j 16:12	22°♋53'28	0.65084 AU	
direct	-1633 Mar 10 j 05:34	14°♋21'05		
	-1633 May 06 j 18:39	0°♌		
	-1633 Jun 29 j 22:33	0°♍		
desc. node	-1633 Jul 21 j 21:09	14°♍13'28		
	-1633 Aug 13 j 19:19	0°♎		
	-1633 Sep 23 j 17:35	0°♏		
	-1633 Nov 01 j 15:30	0°♐		
	-1633 Dec 09 j 20:13	0°♑		
	-1632 Jan 17 j 09:32	0°♒		
evening set	-1632 Jan 23 j 08:59	4°♒34'50		
	-1632 Feb 26 j 04:30	0°♓		
conjunction	-1632 Mar 25 j 13:50	20°♓36'59	-0°34'34	
minimum elong	-1632 Mar 25 j 15:51	20°♓40'34	0°34'33	
	-1632 Apr 07 j 19:41	0°♈		
max. Earth dist.	-1632 May 01 j 23:27	16°♈44'33	2.53148 AU	
morning rise	-1632 May 21 j 10:02	29°♈53'22		
	-1632 May 21 j 14:00	0°♉		
asc. node	-1632 May 23 j 22:15	1°♉33'57		
	-1632 Jul 06 j 11:18	0°♊		
	-1632 Aug 23 j 12:14	0°♋		
	-1632 Oct 13 j 15:34	0°♌		
	-1632 Dec 13 j 13:47	0°♍		
retrograde	-1631 Jan 29 j 19:09	10°♍44'38		
opposition	-1631 Mar 07 j 10:59	2°♍50'22	3°55'11	
greatest brilliancy	-1631 Mar 08 j 12:30	2°♍26'46	-1.8m	
min. Earth dist.	-1631 Mar 14 j 20:24	0°♍06'47	0.56388 AU	
	-1631 Mar 15 j 03:54	30°℞♌		
direct	-1631 Apr 16 j 14:59	23°♌20'40		
	-1631 May 20 j 13:05	0°♍		
desc. node	-1631 Jun 07 j 19:44	7°♍42'13		
	-1631 Jul 17 j 09:53	0°♎		
	-1631 Aug 30 j 07:41	0°♏		
	-1631 Oct 09 j 12:27	0°♐		
	-1631 Nov 17 j 13:06	0°♑		
	-1631 Dec 26 j 19:43	0°♒		
	-1630 Feb 05 j 07:28	0°♓		
	-1630 Mar 19 j 13:57	0°♈		
evening set	-1630 Mar 21 j 22:17	1°♈37'35		
asc. node	-1630 Apr 10 j 21:26	15°♈17'54		
	-1630 May 02 j 19:04	0°♉		
conjunction	-1630 May 14 j 03:08	7°♉30'06	0°19'10	
minimum elong	-1630 May 14 j 02:18	7°♉28'44	0°19'11	
max. Earth dist.	-1630 May 31 j 22:29	19°♉09'18	2.62738 AU	
	-1630 Jun 17 j 16:40	0°♊		
morning rise	-1630 Jul 02 j 03:29	9°♊16'07		
	-1630 Aug 03 j 19:27	0°♋		
	-1630 Sep 20 j 19:23	0°♌		
	-1630 Nov 09 j 00:50	0°♍		
	-1630 Dec 31 j 16:45	0°♎		
retrograde	-1629 Mar 28 j 11:36	29°♎51'57		
desc. node	-1629 Apr 25 j 19:04	25°♎08'36		
opposition	-1629 Apr 30 j 00:34	23°♎50'40	-0°15'47	
greatest brilliancy	-1629 Apr 30 j 02:29	23°♎49'09	-2.6m	
min. Earth dist.	-1629 May 07 j 19:11	21°♎24'45	0.43483 AU	
direct	-1629 Jun 04 j 09:18	16°♎36'38		
	-1629 Jul 22 j 06:58	0°♏		
	-1629 Sep 10 j 07:32	0°♐		
	-1629 Oct 23 j 02:26	0°♑		
	-1629 Dec 03 j 17:38	0°♒		
	-1628 Jan 15 j 00:04	0°♓		
asc. node	-1628 Feb 26 j 20:11	29°♓26'48		
	-1628 Feb 27 j 15:51	0°♈		
	-1628 Apr 12 j 20:58	0°♉		
evening set	-1628 May 05 j 06:26	14°♉32'39		
	-1628 May 29 j 07:26	0°♊		
conjunction	-1628 Jun 22 j 08:31	15°♊21'35	0°56'44	
minimum elong	-1628 Jun 22 j 07:19	15°♊19'39	0°56'46	
max. Earth dist.	-1628 Jun 24 j 05:54	16°♊33'56	2.67082 AU	
	-1628 Jul 15 j 07:51	0°♋		
morning rise	-1628 Aug 06 j 18:56	14°♋19'53		
	-1628 Aug 31 j 06:05	0°♌		
	-1628 Oct 16 j 16:46	0°♍		
	-1628 Dec 01 j 16:25	0°♎		
	-1627 Jan 16 j 15:01	0°♏		
	-1627 Mar 04 j 17:01	0°♐		
desc. node	-1627 Mar 12 j 19:44	4°♐58'11		
	-1627 Apr 27 j 07:15	0°♑		
retrograde	-1627 Jun 14 j 16:33	13°♑03'08		
min. Earth dist.	-1627 Jul 12 j 14:54	8°♑31'35	0.37894 AU	
opposition	-1627 Jul 15 j 19:01	7°♑39'44	-6°42'46	
greatest brilliancy	-1627 Jul 15 j 02:14	7°♑51'11	-2.9m	
direct	-1627 Aug 14 j 09:48	2°♑41'02		
	-1627 Oct 30 j 01:32	0°♒		
	-1627 Dec 19 j 00:20	0°♓		
asc. node	-1626 Jan 13 j 17:47	16°♓12'02		
	-1626 Feb 04 j 12:23	0°♈		
	-1626 Mar 23 j 22:42	0°♉		
	-1626 May 10 j 14:53	0°♊		
evening set	-1626 Jun 13 j 09:33	21°♊17'58		
	-1626 Jun 27 j 02:47	0°♋		
max. Earth dist.	-1626 Jul 17 j 23:23	13°♋19'11	2.65983 AU	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

conjunction	-1626 Jul 29 j 13:03	20°♋46'01	1°10'20
minimum elong	-1626 Jul 29 j 13:01	20°♋45'58	1°10'21
	-1626 Aug 12 j 18:51	0°♌	
morning rise	-1626 Sep 12 j 13:35	20°♌15'03	
	-1626 Sep 27 j 03:29	0°♍	
	-1626 Nov 10 j 00:49	0°♎	
	-1626 Dec 22 j 13:24	0°♏	
desc. node	-1625 Jan 28 j 18:51	26°♏53'40	
	-1625 Feb 02 j 01:08	0°♐	
	-1625 Mar 15 j 02:34	0°♑	
	-1625 Apr 26 j 00:56	0°♒	
	-1625 Jun 11 j 10:52	0°♓	
retrograde	-1625 Aug 15 j 20:57	22°♓58'14	
min. Earth dist.	-1625 Sep 13 j 20:57	17°♓12'33	0.48127 AU
opposition	-1625 Sep 21 j 21:17	14°♓19'20	-3°27'28
greatest brilliancy	-1625 Sep 20 j 23:13	14°♓39'15	-2.3m
direct	-1625 Oct 25 j 06:12	7°♓18'22	
asc. node	-1625 Dec 01 j 17:08	14°♓53'54	
	-1624 Jan 05 j 03:16	0°♈	
	-1624 Feb 29 j 02:08	0°♉	
	-1624 Apr 19 j 17:41	0°♊	
	-1624 Jun 07 j 12:17	0°♋	
evening set	-1624 Jul 20 j 08:49	27°♋18'27	
	-1624 Jul 24 j 12:11	0°♌	
max. Earth dist.	-1624 Aug 11 j 12:53	11°♌51'26	2.59600 AU
conjunction	-1624 Sep 05 j 09:31	28°♌33'55	0°55'31
minimum elong	-1624 Sep 05 j 10:51	28°♌36'12	0°55'31
	-1624 Sep 07 j 12:02	0°♍	
	-1624 Oct 20 j 11:09	0°♎	
morning rise	-1624 Oct 23 j 16:01	2°♎17'29	
	-1624 Nov 30 j 15:11	0°♏	
desc. node	-1624 Dec 15 j 17:36	11°♏16'32	
	-1623 Jan 09 j 11:22	0°♐	
	-1623 Feb 17 j 15:09	0°♑	
	-1623 Mar 28 j 22:58	0°♒	
	-1623 May 08 j 15:37	0°♓	
	-1623 Jun 21 j 18:09	0°♈	
	-1623 Aug 15 j 15:28	0°♉	
retrograde	-1623 Sep 27 j 00:04	10°♉07'46	
asc. node	-1623 Oct 18 j 17:15	6°♉48'49	
min. Earth dist.	-1623 Oct 31 j 06:58	2°♉21'16	0.59890 AU
opposition	-1623 Nov 05 j 14:47	0°♉14'41	0°45'22
greatest brilliancy	-1623 Nov 05 j 10:49	0°♉18'37	-1.7m
	-1623 Nov 06 j 05:38	30°℞♈	
direct	-1623 Dec 13 j 00:20	21°♈34'35	
	-1622 Jan 22 j 19:53	0°♉	
	-1622 Mar 27 j 09:22	0°♊	
	-1622 May 18 j 13:07	0°♋	
	-1622 Jul 05 j 17:01	0°♌	
	-1622 Aug 19 j 21:29	0°♍	
evening set	-1622 Aug 30 j 20:31	7°♍33'19	
max. Earth dist.	-1622 Sep 14 j 17:11	17°♍58'45	2.48648 AU
	-1622 Oct 01 j 12:14	0°♎	
conjunction	-1622 Oct 21 j 16:43	14°♎46'50	0°08'00
minimum elong	-1622 Oct 21 j 17:10	14°♎47'40	0°07'59
behind sun begin	-1622 Oct 20 j 20:48	14°♎09'59	
behind sun end	-1622 Oct 22 j 13:33	15°♎25'24	
desc. node	-1622 Nov 02 j 16:36	23°♎43'14	
	-1622 Nov 11 j 00:40	0°♏	
morning rise	-1622 Dec 18 j 09:51	28°♏41'12	
	-1622 Dec 20 j 02:25	0°♐	
	-1621 Jan 27 j 12:05	0°♑	
	-1621 Mar 07 j 02:09	0°♒	
	-1621 Apr 15 j 18:51	0°♓	
	-1621 May 27 j 14:38	0°♈	
	-1621 Jul 12 j 01:07	0°♉	
	-1621 Sep 03 j 15:58	0°♊	
asc. node	-1621 Sep 05 j 16:16	0°♊56'54	
retrograde	-1621 Nov 01 j 21:53	16°♊49'03	
min. Earth dist.	-1621 Dec 10 j 11:17	7°♊35'48	0.66509 AU
opposition	-1621 Dec 12 j 01:20	6°♊57'38	3°20'03
greatest brilliancy	-1621 Dec 11 j 19:31	7°♊03'28	-1.4m
	-1621 Dec 31 j 21:45	30°℞♉	
direct	-1620 Jan 21 j 00:48	27°♉23'11	
	-1620 Feb 11 j 16:52	0°♊	
	-1620 Apr 23 j 16:39	0°♋	
	-1620 Jun 14 j 08:09	0°♌	
	-1620 Jul 30 j 13:35	0°♍	
	-1620 Sep 11 j 08:07	0°♎	
desc. node	-1620 Sep 19 j 14:53	6°♎02'21	
evening set	-1620 Oct 20 j 16:14	29°♎15'56	
	-1620 Oct 21 j 15:22	0°♏	
	-1620 Nov 29 j 09:03	0°♐	
max. Earth dist.	-1620 Dec 13 j 03:01	10°♐48'30	2.37457 AU
conjunction	-1620 Dec 21 j 20:01	17°♐40'28	-0°55'01
minimum elong	-1620 Dec 21 j 17:11	17°♐34'51	0°55'01
	-1619 Jan 06 j 11:10	0°♑	
	-1619 Feb 13 j 19:37	0°♒	
morning rise	-1619 Feb 28 j 23:39	11°♒39'36	
	-1619 Mar 25 j 07:11	0°♓	
	-1619 May 05 j 15:56	0°♈	
	-1619 Jun 18 j 13:52	0°♉	
asc. node	-1619 Jul 23 j 15:07	22°♉26'45	
	-1619 Aug 04 j 23:50	0°♊	
	-1619 Sep 28 j 08:06	0°♋	
retrograde	-1619 Dec 05 j 16:47	20°♋21'35	
opposition	-1618 Jan 14 j 04:43	11°♋01'24	4°36'29
greatest brilliancy	-1618 Jan 14 j 11:51	10°♋54'20	-1.3m
min. Earth dist.	-1618 Jan 16 j 11:18	10°♋07'26	0.66765 AU
direct	-1618 Feb 24 j 10:38	1°♋01'50	
	-1618 May 20 j 06:46	0°♌	
	-1618 Jul 09 j 05:19	0°♍	
desc. node	-1618 Aug 07 j 13:16	19°♍45'02	
	-1618 Aug 22 j 01:57	0°♎	
	-1618 Oct 01 j 16:03	0°♏	
	-1618 Nov 09 j 10:27	0°♐	
	-1618 Dec 17 j 12:41	0°♑	
evening set	-1618 Dec 27 j 07:15	7°♑41'06	
	-1617 Jan 24 j 23:00	0°♒	
conjunction	-1617 Mar 02 j 19:55	27°♒57'01	-0°53'44
minimum elong	-1617 Mar 02 j 22:32	28°♒01'53	0°53'44
	-1617 Mar 05 j 14:11	0°♓	
	-1617 Apr 16 j 01:34	0°♈	
max. Earth dist.	-1617 Apr 17 j 08:10	0°♈53'54	2.48168 AU
morning rise	-1617 May 03 j 03:25	11°♈55'07	
	-1617 May 29 j 17:47	0°♉	
asc. node	-1617 Jun 10 j 14:28	7°♉52'51	
	-1617 Jul 14 j 18:47	0°♊	
	-1617 Sep 01 j 14:13	0°♋	
	-1617 Oct 25 j 13:43	0°♌	
retrograde	-1616 Jan 13 j 07:03	25°♌33'24	
opposition	-1616 Feb 20 j 00:46	17°♌08'15	4°30'11
greatest brilliancy	-1616 Feb 20 j 23:31	16°♌46'35	-1.6m
min. Earth dist.	-1616 Feb 26 j 03:00	14°♌49'19	0.60516 AU
direct	-1616 Mar 31 j 23:12	7°♌18'00	
	-1616 Jun 09 j 19:44	0°♍	
desc. node	-1616 Jun 24 j 13:16	8°♍19'24	
	-1616 Jul 28 j 16:09	0°♎	
	-1616 Sep 08 j 20:04	0°♏	
	-1616 Oct 18 j 07:21	0°♐	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1616 Nov 25 j 20:59	0°♉	
	-1615 Jan 03 j 18:20	0°♒	
	-1615 Feb 12 j 21:23	0°♓	
evening set	-1615 Mar 01 j 03:35	11°♓47'49	
	-1615 Mar 26 j 20:09	0°♈	
conjunction	-1615 Apr 26 j 10:58	21°♈01'57	-0°00'39
minimum elong	-1615 Apr 26 j 10:59	21°♈01'58	0°00'38
behind sun begin	-1615 Apr 25 j 12:50	20°♈24'32	
behind sun end	-1615 Apr 27 j 09:07	21°♈39'22	
asc. node	-1615 Apr 27 j 12:22	21°♈44'51	
	-1615 May 09 j 19:21	0°♉	
max. Earth dist.	-1615 May 21 j 09:47	7°♉42'10	2.59590 AU
morning rise	-1615 Jun 16 j 21:49	25°♉01'24	
	-1615 Jun 24 j 14:55	0°♊	
	-1615 Aug 10 j 22:49	0°♋	
	-1615 Sep 28 j 18:19	0°♌	
	-1615 Nov 19 j 07:19	0°♍	
	-1614 Jan 20 j 16:15	0°♎	
retrograde	-1614 Mar 03 j 04:46	8°♎38'09	
opposition	-1614 Apr 06 j 13:16	1°♎46'41	1°57'11
greatest brilliancy	-1614 Apr 07 j 06:11	1°♎32'15	-2.2m
	-1614 Apr 11 j 17:41	30°℞♍	
min. Earth dist.	-1614 Apr 15 j 01:36	28°♍52'35	0.48668 AU
desc. node	-1614 May 12 j 12:18	23°♍23'13	
direct	-1614 May 14 j 10:43	23°♍21'39	
	-1614 Jun 16 j 07:11	0°♎	
	-1614 Aug 11 j 03:14	0°♏	
	-1614 Sep 23 j 05:31	0°♐	
	-1614 Nov 02 j 17:16	0°♑	
	-1614 Dec 13 j 00:34	0°♒	
	-1613 Jan 23 j 08:13	0°♓	
	-1613 Mar 07 j 07:08	0°♈	
asc. node	-1613 Mar 15 j 11:02	5°♈33'49	
evening set	-1613 Apr 19 j 17:51	29°♈09'50	
	-1613 Apr 21 j 00:18	0°♉	
	-1613 Jun 06 j 04:00	0°♊	
conjunction	-1613 Jun 08 j 09:47	1°♊26'24	0°44'50
minimum elong	-1613 Jun 08 j 08:28	1°♊24'16	0°44'51
max. Earth dist.	-1613 Jun 16 j 02:51	6°♊23'04	2.66031 AU
	-1613 Jul 23 j 03:34	0°♋	
morning rise	-1613 Jul 24 j 20:11	1°♋04'35	
	-1613 Sep 08 j 08:42	0°♌	
	-1613 Oct 25 j 13:54	0°♍	
	-1613 Dec 12 j 03:21	0°♎	
	-1612 Jan 30 j 08:35	0°♏	
	-1612 Mar 27 j 05:14	0°♐	
desc. node	-1612 Mar 29 j 11:04	0°♐57'23	
retrograde	-1612 May 14 j 02:54	11°♐55'57	
opposition	-1612 Jun 13 j 09:30	6°♐54'58	-4°55'58
greatest brilliancy	-1612 Jun 13 j 17:18	6°♐49'45	-2.9m
min. Earth dist.	-1612 Jun 15 j 18:19	6°♐16'53	0.37999 AU
direct	-1612 Jul 14 j 05:53	1°♐38'30	
	-1612 Sep 28 j 09:11	0°♑	
	-1612 Nov 14 j 19:10	0°♒	
	-1612 Dec 29 j 22:23	0°♓	
asc. node	-1611 Jan 30 j 10:10	20°♓52'09	
	-1611 Feb 13 j 07:50	0°♈	
	-1611 Mar 31 j 14:58	0°♉	
	-1611 May 17 j 16:30	0°♊	
evening set	-1611 May 29 j 14:15	7°♊33'14	
	-1611 Jul 03 j 22:11	0°♋	
max. Earth dist.	-1611 Jul 08 j 19:08	3°♋06'27	2.67054 AU
conjunction	-1611 Jul 15 j 04:08	7°♋10'47	1°08'11
minimum elong	-1611 Jul 15 j 03:33	7°♋09'51	1°08'12
	-1611 Aug 19 j 15:06	0°♌	
morning rise	-1611 Aug 28 j 23:43	6°♌05'00	
	-1611 Oct 04 j 07:35	0°♍	
	-1611 Nov 17 j 19:46	0°♎	
	-1611 Dec 31 j 06:36	0°♏	
	-1610 Feb 12 j 00:28	0°♐	
desc. node	-1610 Feb 14 j 11:14	1°♐43'26	
	-1610 Mar 26 j 21:14	0°♑	
	-1610 May 11 j 09:15	0°♒	
retrograde	-1610 Jul 25 j 22:21	29°♒07'31	
min. Earth dist.	-1610 Aug 22 j 02:14	24°♒11'16	0.43169 AU
opposition	-1610 Aug 29 j 20:13	21°♒38'40	-5°21'52
greatest brilliancy	-1610 Aug 28 j 12:31	22°♒04'51	-2.5m
direct	-1610 Sep 30 j 10:30	15°♒31'18	
	-1610 Nov 23 j 00:42	0°♓	
asc. node	-1610 Dec 18 j 09:02	12°♓33'56	
	-1609 Jan 18 j 17:10	0°♈	
	-1609 Mar 10 j 07:03	0°♉	
	-1609 Apr 28 j 10:05	0°♊	
	-1609 Jun 15 j 13:34	0°♋	
evening set	-1609 Jul 06 j 11:20	13°♋16'41	
	-1609 Aug 01 j 08:53	0°♌	
max. Earth dist.	-1609 Aug 02 j 03:43	0°♌30'43	2.62702 AU
conjunction	-1609 Aug 21 j 18:54	13°♌26'01	1°04'57
minimum elong	-1609 Aug 21 j 19:48	13°♌27'30	1°04'58
	-1609 Sep 15 j 11:05	0°♍	
morning rise	-1609 Oct 07 j 05:42	14°♍56'41	
	-1609 Oct 28 j 17:20	0°♎	
	-1609 Dec 09 j 07:47	0°♏	
desc. node	-1608 Jan 02 j 10:29	17°♏50'42	
	-1608 Jan 18 j 15:47	0°♐	
	-1608 Feb 27 j 07:54	0°♑	
	-1608 Apr 07 j 05:47	0°♒	
	-1608 May 18 j 21:56	0°♓	
	-1608 Jul 04 j 22:01	0°♈	
retrograde	-1608 Sep 11 j 13:41	23°♈48'41	
min. Earth dist.	-1608 Oct 13 j 20:48	16°♈45'23	0.55759 AU
opposition	-1608 Oct 20 j 12:25	14°♈10'41	-0°40'16
greatest brilliancy	-1608 Oct 20 j 08:45	14°♈14'14	-1.9m
asc. node	-1608 Nov 04 j 08:05	9°♈02'40	
direct	-1608 Nov 25 j 12:51	6°♈02'32	
	-1607 Feb 09 j 10:24	0°♉	
	-1607 Apr 05 j 21:06	0°♊	
	-1607 May 26 j 06:55	0°♋	
	-1607 Jul 12 j 20:48	0°♌	
evening set	-1607 Aug 13 j 22:30	21°♌10'55	
	-1607 Aug 26 j 22:15	0°♍	
max. Earth dist.	-1607 Aug 30 j 16:16	2°♍34'22	2.53377 AU
conjunction	-1607 Oct 02 j 07:09	25°♍26'56	0°30'18
minimum elong	-1607 Oct 02 j 08:28	25°♍29'17	0°30'17
	-1607 Oct 08 j 15:22	0°♎	
	-1607 Nov 18 j 09:00	0°♏	
desc. node	-1607 Nov 19 j 08:44	0°♏44'35	
morning rise	-1607 Nov 24 j 09:11	4°♏31'38	
	-1607 Dec 27 j 16:48	0°♐	
	-1606 Feb 04 j 08:07	0°♑	
	-1606 Mar 15 j 03:04	0°♒	
	-1606 Apr 24 j 01:08	0°♓	
	-1606 Jun 05 j 08:18	0°♈	
	-1606 Jul 22 j 07:46	0°♉	
asc. node	-1606 Sep 22 j 07:53	29°♉06'08	
	-1606 Sep 25 j 12:45	0°♊	
retrograde	-1606 Oct 19 j 08:54	3°♊24'08	
	-1606 Nov 10 j 16:51	30°℞♉	
min. Earth dist.	-1606 Nov 25 j 09:28	24°♉41'14	0.64655 AU

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

opposition	-1606 Nov 28 j 11:13	23°♉27'17	2°30'22
greatest brilliancy	-1606 Nov 28 j 03:30	23°♉35'01	-1.5m
direct	-1605 Jan 06 j 14:17	14°♉10'05	
	-1605 Mar 07 j 05:18	0°♊	
	-1605 May 04 j 11:50	0°♋	
	-1605 Jun 23 j 07:21	0°♌	
	-1605 Aug 08 j 00:06	0°♍	
	-1605 Sep 19 j 15:51	0°♎	
evening set	-1605 Sep 29 j 16:26	7°♎18'58	
desc. node	-1605 Oct 07 j 08:07	12°♎58'00	
max. Earth dist.	-1605 Oct 20 j 09:02	22°♎42'36	2.40917 AU
	-1605 Oct 30 j 00:14	0°♏	
conjunction	-1605 Nov 26 j 08:01	21°♏01'36	-0°32'47
minimum elong	-1605 Nov 26 j 05:48	20°♏57'17	0°32'46
	-1605 Dec 07 j 20:05	0°♐	
	-1604 Jan 15 j 00:09	0°♑	
morning rise	-1604 Jan 31 j 12:03	12°♑57'06	
	-1604 Feb 22 j 09:42	0°♒	
	-1604 Apr 01 j 21:41	0°♓	
	-1604 May 13 j 08:05	0°♈	
	-1604 Jun 26 j 13:44	0°♉	
asc. node	-1604 Aug 09 j 06:42	27°♉07'02	
	-1604 Aug 14 j 05:57	0°♊	
	-1604 Oct 15 j 00:25	0°♋	
retrograde	-1604 Nov 22 j 00:25	7°♋33'44	
	-1604 Dec 26 j 18:50	30°℞♊	
opposition	-1604 Dec 31 j 21:37	27°♊58'49	4°15'33
greatest brilliancy	-1604 Dec 31 j 22:43	27°♊57'44	-1.3m
min. Earth dist.	-1603 Jan 01 j 15:53	27°♊40'38	0.67454 AU
direct	-1603 Feb 10 j 19:37	18°♊05'53	
	-1603 Apr 01 j 21:00	0°♋	
	-1603 May 30 j 18:28	0°♌	
	-1603 Jul 17 j 16:30	0°♍	
desc. node	-1603 Aug 24 j 07:17	25°♍55'59	
	-1603 Aug 29 j 23:26	0°♎	
	-1603 Oct 09 j 09:25	0°♏	
	-1603 Nov 17 j 02:23	0°♐	
evening set	-1603 Nov 29 j 12:03	9°♐45'35	
	-1603 Dec 25 j 03:25	0°♑	
	-1602 Feb 01 j 11:46	0°♒	
conjunction	-1602 Feb 04 j 03:45	2°♒03'34	-1°05'07
minimum elong	-1602 Feb 04 j 04:50	2°♒05'41	1°05'08
	-1602 Mar 13 j 00:03	0°♓	
max. Earth dist.	-1602 Mar 26 j 21:21	10°♓14'33	2.42822 AU
morning rise	-1602 Apr 11 j 03:55	21°♓18'44	
	-1602 Apr 23 j 08:43	0°♈	
	-1602 Jun 06 j 00:35	0°♉	
asc. node	-1602 Jun 27 j 05:01	13°♉56'55	
	-1602 Jul 22 j 08:54	0°♊	
	-1602 Sep 10 j 09:59	0°♋	
	-1602 Nov 09 j 07:27	0°♌	
retrograde	-1602 Dec 28 j 11:39	11°♌33'17	
opposition	-1601 Feb 05 j 01:32	2°♌43'16	4°44'23
greatest brilliancy	-1601 Feb 05 j 18:47	2°♌26'31	-1.4m
min. Earth dist.	-1601 Feb 09 j 16:49	0°♌55'24	0.63731 AU
	-1601 Feb 12 j 02:53	30°℞♋	
direct	-1601 Mar 18 j 08:26	22°♋43'48	
	-1601 Apr 24 j 04:59	0°♌	
	-1601 Jun 23 j 07:25	0°♍	
desc. node	-1601 Jul 12 j 05:37	11°♍50'37	
	-1601 Aug 08 j 05:03	0°♎	
	-1601 Sep 18 j 12:18	0°♏	
	-1601 Oct 27 j 14:18	0°♐	
	-1601 Dec 04 j 21:36	0°♑	
	-1600 Jan 12 j 12:58	0°♒	
evening set	-1600 Feb 06 j 17:00	19°♒04'55	
	-1600 Feb 21 j 09:37	0°♓	
	-1600 Apr 03 j 02:13	0°♈	
conjunction	-1600 Apr 06 j 18:46	2°♈35'07	-0°22'13
minimum elong	-1600 Apr 06 j 20:03	2°♈37'21	0°22'12
max. Earth dist.	-1600 May 09 j 13:58	25°♈06'15	2.55619 AU
asc. node	-1600 May 14 j 04:41	28°♈12'31	
	-1600 May 16 j 20:49	0°♉	
morning rise	-1600 May 31 j 11:52	9°♉43'09	
	-1600 Jul 01 j 16:02	0°♊	
	-1600 Aug 18 j 08:32	0°♋	
	-1600 Oct 07 j 09:48	0°♌	
	-1600 Dec 02 j 05:45	0°♍	
retrograde	-1599 Feb 09 j 17:00	20°♍31'44	
opposition	-1599 Mar 17 j 15:22	12°♍57'40	3°22'21
greatest brilliancy	-1599 Mar 18 j 16:11	12°♍35'15	-1.9m
min. Earth dist.	-1599 Mar 25 j 15:04	10°♍04'49	0.53778 AU
direct	-1599 Apr 26 j 04:36	3°♍45'24	
desc. node	-1599 May 29 j 04:28	10°♍13'07	
	-1599 Jul 08 j 19:53	0°♎	
	-1599 Aug 23 j 17:54	0°♏	
	-1599 Oct 03 j 15:22	0°♐	
	-1599 Nov 12 j 01:09	0°♑	
	-1599 Dec 21 j 14:24	0°♒	
	-1598 Jan 31 j 07:23	0°♓	
	-1598 Mar 14 j 18:16	0°♈	
evening set	-1598 Apr 01 j 20:07	12°♈22'56	
asc. node	-1598 Apr 01 j 03:46	11°♈55'12	
	-1598 Apr 28 j 02:20	0°♉	
conjunction	-1598 May 23 j 14:46	16°♉46'15	0°29'28
minimum elong	-1598 May 23 j 13:38	16°♉44'24	0°29'28
max. Earth dist.	-1598 Jun 06 j 17:20	25°♉55'19	2.64132 AU
	-1598 Jun 13 j 01:04	0°♊	
morning rise	-1598 Jul 10 j 13:31	17°♊37'05	
	-1598 Jul 30 j 01:32	0°♋	
	-1598 Sep 15 j 17:06	0°♌	
	-1598 Nov 03 j 01:14	0°♍	
	-1598 Dec 23 j 05:30	0°♎	
	-1597 Feb 18 j 15:14	0°♏	
retrograde	-1597 Apr 13 j 11:39	14°♏00'43	
desc. node	-1597 Apr 16 j 04:02	13°♏58'02	
opposition	-1597 May 15 j 02:34	8°♏26'55	-1°53'07
greatest brilliancy	-1597 May 15 j 12:52	8°♏19'19	-2.7m
min. Earth dist.	-1597 May 21 j 16:07	6°♏31'16	0.41000 AU
direct	-1597 Jun 17 j 18:04	1°♏58'48	
	-1597 Aug 31 j 00:20	0°♐	
	-1597 Oct 15 j 13:32	0°♑	
	-1597 Nov 27 j 09:50	0°♒	
	-1596 Jan 09 j 09:19	0°♓	
asc. node	-1596 Feb 17 j 01:54	26°♓21'22	
	-1596 Feb 22 j 12:21	0°♈	
	-1596 Apr 08 j 00:43	0°♉	
evening set	-1596 May 14 j 07:29	23°♉23'24	
	-1596 May 24 j 15:33	0°♊	
conjunction	-1596 Jun 30 j 17:46	23°♊38'35	1°02'02
minimum elong	-1596 Jun 30 j 16:44	23°♊36'57	1°02'04
max. Earth dist.	-1596 Jun 29 j 13:39	22°♊53'47	2.67299 AU
	-1596 Jul 10 j 17:11	0°♋	
morning rise	-1596 Aug 14 j 19:59	22°♋27'50	
	-1596 Aug 26 j 12:57	0°♌	
	-1596 Oct 11 j 16:11	0°♍	
	-1596 Nov 26 j 00:50	0°♎	
	-1595 Jan 09 j 20:55	0°♏	
	-1595 Feb 23 j 19:27	0°♐	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

desc. node	-1595 Mar 03 j 03:16	4°♐49'14	
	-1595 Apr 11 j 20:59	0°♑	
	-1595 Jun 19 j 16:35	0°♒	
retrograde	-1595 Jun 30 j 23:13	0°♒51'35	
	-1595 Jul 12 j 02:28	30°℞♑	
min. Earth dist.	-1595 Jul 27 j 16:12	26°♑25'03	0.39195 AU
greatest brilliancy	-1595 Aug 01 j 01:36	25°♑09'20	-2.8m
opposition	-1595 Aug 02 j 05:15	24°♑49'21	-6°41'35
direct	-1595 Sep 01 j 05:59	19°♑33'52	
	-1595 Oct 14 j 19:03	0°♒	
	-1595 Dec 10 j 23:47	0°♓	
asc. node	-1594 Jan 04 j 00:44	14°♓24'32	
	-1594 Jan 29 j 09:56	0°♈	
	-1594 Mar 18 j 16:33	0°♉	
	-1594 May 05 j 19:05	0°♊	
evening set	-1594 Jun 21 j 18:45	29°♊32'55	
	-1594 Jun 22 j 11:50	0°♋	
max. Earth dist.	-1594 Jul 23 j 10:48	19°♋47'11	2.65039 AU
conjunction	-1594 Aug 06 j 20:45	29°♋07'32	1°09'39
minimum elong	-1594 Aug 06 j 21:05	29°♋08'04	1°09'40
	-1594 Aug 08 j 04:59	0°♌	
morning rise	-1594 Sep 21 j 05:40	29°♌09'57	
	-1594 Sep 22 j 11:21	0°♍	
	-1594 Nov 05 j 02:49	0°♎	
	-1594 Dec 17 j 06:37	0°♏	
desc. node	-1593 Jan 19 j 03:18	23°♏59'39	
	-1593 Jan 27 j 06:36	0°♐	
	-1593 Mar 08 j 17:03	0°♑	
	-1593 Apr 18 j 15:31	0°♒	
	-1593 Jun 01 j 09:58	0°♓	
	-1593 Jul 29 j 01:06	0°♈	
retrograde	-1593 Aug 26 j 12:38	5°♈15'37	
	-1593 Sep 22 j 23:08	30°℞♓	
min. Earth dist.	-1593 Sep 25 j 16:49	29°♓01'19	0.50972 AU
opposition	-1593 Oct 03 j 09:37	26°♓09'17	-2°22'33
greatest brilliancy	-1593 Oct 02 j 18:49	26°♓23'04	-2.1m
direct	-1593 Nov 06 j 19:04	18°♓41'34	
asc. node	-1593 Nov 22 j 00:02	20°♓06'04	
	-1593 Dec 24 j 05:00	0°♈	
	-1592 Feb 22 j 11:28	0°♉	
	-1592 Apr 14 j 09:54	0°♊	
	-1592 Jun 02 j 16:34	0°♋	
	-1592 Jul 19 j 21:16	0°♌	
evening set	-1592 Jul 29 j 01:39	5°♌59'57	
max. Earth dist.	-1592 Aug 18 j 02:09	19°♌17'11	2.57591 AU
	-1592 Sep 02 j 22:07	0°♍	
conjunction	-1592 Sep 14 j 17:19	8°♍06'44	0°47'48
minimum elong	-1592 Sep 14 j 18:47	8°♍09'16	0°47'48
	-1592 Oct 15 j 19:24	0°♎	
morning rise	-1592 Nov 03 j 09:19	13°♎26'13	
	-1592 Nov 25 j 19:55	0°♏	
desc. node	-1592 Dec 06 j 02:52	7°♏42'24	
	-1591 Jan 04 j 11:20	0°♐	
	-1591 Feb 12 j 09:50	0°♑	
	-1591 Mar 23 j 11:40	0°♒	
	-1591 May 02 j 18:46	0°♓	
	-1591 Jun 14 j 22:45	0°♈	
	-1591 Aug 04 j 05:39	0°♉	
retrograde	-1591 Oct 05 j 09:44	19°♉13'34	
asc. node	-1591 Oct 08 j 22:38	19°♉08'24	
min. Earth dist.	-1591 Nov 09 j 17:15	11°♉05'19	0.61850 AU
opposition	-1591 Nov 14 j 06:02	9°♉16'52	1°28'09
greatest brilliancy	-1591 Nov 13 j 23:28	9°♉23'24	-1.6m
direct	-1591 Dec 22 j 07:47	0°♉21'45	
	-1590 Mar 20 j 09:34	0°♊	
	-1590 May 13 j 03:51	0°♋	
	-1590 Jun 30 j 20:18	0°♌	
	-1590 Aug 15 j 05:19	0°♍	
evening set	-1590 Sep 10 j 02:46	18°♍00'27	
max. Earth dist.	-1590 Sep 25 j 02:29	28°♍43'32	2.45893 AU
	-1590 Sep 26 j 20:49	0°♎	
desc. node	-1590 Oct 24 j 01:04	19°♎59'38	
conjunction	-1590 Nov 02 j 17:26	27°♎15'51	-0°06'32
minimum elong	-1590 Nov 02 j 17:02	27°♎15'05	0°06'32
behind sun begin	-1590 Nov 01 j 18:42	26°♎33'01	
behind sun end	-1590 Nov 03 j 15:21	27°♎57'12	
	-1590 Nov 06 j 08:17	0°♏	
	-1590 Dec 15 j 08:07	0°♐	
morning rise	-1589 Jan 02 j 10:59	14°♐09'39	
	-1589 Jan 22 j 15:38	0°♑	
	-1589 Mar 02 j 03:34	0°♒	
	-1589 Apr 10 j 17:20	0°♓	
	-1589 May 22 j 07:34	0°♈	
	-1589 Jul 06 j 02:59	0°♉	
asc. node	-1589 Aug 26 j 22:04	0°♊25'25	
	-1589 Aug 26 j 02:44	0°♊	
retrograde	-1589 Nov 09 j 14:51	24°♊44'51	
opposition	-1589 Dec 19 j 17:12	14°♊58'21	3°43'46
min. Earth dist.	-1589 Dec 18 j 23:18	15°♊16'16	0.67121 AU
greatest brilliancy	-1589 Dec 19 j 13:22	15°♊02'11	-1.3m
direct	-1588 Jan 29 j 02:02	5°♊16'02	
	-1588 Apr 16 j 08:57	0°♋	
	-1588 Jun 08 j 20:04	0°♌	
	-1588 Jul 25 j 14:21	0°♍	
	-1588 Sep 06 j 13:07	0°♎	
desc. node	-1588 Sep 09 j 23:27	2°♎29'12	
	-1588 Oct 16 j 21:32	0°♏	
evening set	-1588 Nov 03 j 07:41	13°♏23'15	
	-1588 Nov 24 j 14:56	0°♐	
	-1587 Jan 01 j 16:26	0°♑	
conjunction	-1587 Jan 06 j 17:34	3°♑58'37	-1°02'55
minimum elong	-1587 Jan 06 j 15:41	3°♑54'55	1°02'57
	-1587 Feb 09 j 00:28	0°♒	
max. Earth dist.	-1587 Feb 11 j 18:39	2°♒07'56	2.38150 AU
morning rise	-1587 Mar 16 j 18:19	27°♒13'32	
	-1587 Mar 20 j 11:31	0°♓	
	-1587 Apr 30 j 19:03	0°♈	
	-1587 Jun 13 j 12:58	0°♉	
asc. node	-1587 Jul 13 j 21:44	19°♉42'24	
	-1587 Jul 30 j 09:52	0°♊	
	-1587 Sep 20 j 13:33	0°♋	
retrograde	-1587 Dec 13 j 18:41	28°♋15'03	
opposition	-1586 Jan 22 j 00:10	19°♋04'37	4°43'04
greatest brilliancy	-1586 Jan 22 j 10:57	18°♋54'02	-1.3m
min. Earth dist.	-1586 Jan 25 j 03:13	17°♋50'52	0.65966 AU
direct	-1586 Mar 04 j 08:19	9°♋03'24	
	-1586 May 12 j 06:23	0°♌	
	-1586 Jul 03 j 09:41	0°♍	
desc. node	-1586 Jul 28 j 22:30	16°♍50'05	
	-1586 Aug 16 j 20:40	0°♎	
	-1586 Sep 26 j 16:18	0°♏	
	-1586 Nov 04 j 12:56	0°♐	
	-1586 Dec 12 j 16:17	0°♑	
evening set	-1585 Jan 11 j 18:35	23°♑31'43	
	-1585 Jan 20 j 03:34	0°♒	
	-1585 Feb 28 j 19:38	0°♓	
conjunction	-1585 Mar 16 j 15:21	11°♓36'39	-0°43'19
minimum elong	-1585 Mar 16 j 17:48	11°♓41'06	0°43'18
	-1585 Apr 11 j 07:44	0°♈	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

max. Earth dist.	-1585 Apr 26 j 16:25	10°♈43'49	2.50985 AU
morning rise	-1585 May 14 j 09:46	22°♈52'14	
	-1585 May 24 j 23:36	0°♉	
asc. node	-1585 May 31 j 20:15	4°♉34'48	
	-1585 Jul 09 j 20:53	0°♊	
	-1585 Aug 27 j 03:21	0°♋	
	-1585 Oct 18 j 04:44	0°♌	
	-1585 Dec 24 j 23:01	0°♍	
retrograde	-1584 Jan 23 j 01:01	4°♍31'10	
	-1584 Feb 18 j 23:16	30°℞♌	
opposition	-1584 Feb 29 j 05:17	26°♌22'26	4°12'29
greatest brilliancy	-1584 Mar 01 j 06:01	25°♌59'15	-1.7m
min. Earth dist.	-1584 Mar 07 j 01:38	23°♌48'36	0.58336 AU
direct	-1584 Apr 09 j 19:08	16°♌41'52	
	-1584 May 30 j 04:58	0°♍	
desc. node	-1584 Jun 14 j 21:04	7°♍48'32	
	-1584 Jul 21 j 22:17	0°♎	
	-1584 Sep 03 j 00:34	0°♏	
	-1584 Oct 12 j 21:21	0°♐	
	-1584 Nov 20 j 16:32	0°♑	
	-1584 Dec 29 j 18:07	0°♒	
	-1583 Feb 08 j 00:35	0°♓	
evening set	-1583 Mar 13 j 05:18	23°♓47'30	
	-1583 Mar 22 j 02:08	0°♈	
asc. node	-1583 Apr 17 j 19:12	18°♈21'01	
	-1583 May 05 j 03:11	0°♉	
conjunction	-1583 May 06 j 17:31	1°♉03'51	0°11'07
minimum elong	-1583 May 06 j 17:00	1°♉02'59	0°11'07
behind sun begin	-1583 May 06 j 01:26	0°♉37'05	
behind sun end	-1583 May 07 j 08:33	1°♉28'52	
max. Earth dist.	-1583 May 27 j 16:13	14°♉53'22	2.61426 AU
	-1583 Jun 19 j 22:45	0°♊	
morning rise	-1583 Jun 25 j 18:02	3°♊43'56	
	-1583 Aug 06 j 02:42	0°♋	
	-1583 Sep 23 j 09:45	0°♌	
	-1583 Nov 12 j 10:57	0°♍	
	-1582 Jan 06 j 20:01	0°♎	
retrograde	-1582 Mar 16 j 23:40	20°♎40'15	
opposition	-1582 Apr 19 j 08:20	14°♎15'54	0°47'33
greatest brilliancy	-1582 Apr 19 j 15:33	14°♎09'59	-2.4m
min. Earth dist.	-1582 Apr 27 j 15:23	11°♎33'26	0.45743 AU
desc. node	-1582 May 02 j 19:53	9°♎59'39	
direct	-1582 May 25 j 22:04	6°♎27'27	
	-1582 Jul 31 j 20:36	0°♏	
	-1582 Sep 15 j 18:53	0°♐	
	-1582 Oct 27 j 08:23	0°♑	
	-1582 Dec 07 j 06:59	0°♒	
	-1581 Jan 18 j 01:20	0°♓	
	-1581 Mar 02 j 07:56	0°♈	
asc. node	-1581 Mar 05 j 18:02	2°♈19'20	
	-1581 Apr 16 j 06:22	0°♉	
evening set	-1581 Apr 29 j 07:45	8°♉32'17	
	-1581 Jun 01 j 12:58	0°♊	
conjunction	-1581 Jun 17 j 01:05	9°♊55'46	0°52'10
minimum elong	-1581 Jun 16 j 23:47	9°♊53'41	0°52'11
max. Earth dist.	-1581 Jun 21 j 12:10	12°♊46'46	2.66717 AU
	-1581 Jul 18 j 12:31	0°♋	
morning rise	-1581 Aug 01 j 20:45	9°♋08'02	
	-1581 Sep 03 j 13:42	0°♌	
	-1581 Oct 20 j 08:09	0°♍	
	-1581 Dec 05 j 22:37	0°♎	
	-1580 Jan 22 j 01:25	0°♏	
	-1580 Mar 11 j 19:01	0°♐	
desc. node	-1580 Mar 19 j 20:39	4°♐29'31	
retrograde	-1580 Jun 01 j 03:38	29°♐42'36	
opposition	-1580 Jul 01 j 15:23	24°♐37'48	-6°12'49
greatest brilliancy	-1580 Jul 01 j 10:31	24°♐41'03	-2.9m
min. Earth dist.	-1580 Jun 30 j 21:06	24°♐49'59	0.37525 AU
direct	-1580 Jul 31 j 12:26	19°♐39'40	
	-1580 Sep 11 j 22:36	0°♑	
	-1580 Nov 05 j 23:53	0°♒	
	-1580 Dec 23 j 06:56	0°♓	
asc. node	-1579 Jan 20 j 15:36	18°♓20'38	
	-1579 Feb 07 j 16:50	0°♈	
	-1579 Mar 26 j 13:30	0°♉	
	-1579 May 12 j 22:33	0°♊	
evening set	-1579 Jun 07 j 03:13	15°♊55'35	
	-1579 Jun 29 j 07:32	0°♋	
max. Earth dist.	-1579 Jul 14 j 03:21	9°♋27'26	2.66571 AU
conjunction	-1579 Jul 23 j 09:39	15°♋23'43	1°09'54
minimum elong	-1579 Jul 23 j 09:23	15°♋23'17	1°09'56
	-1579 Aug 15 j 00:22	0°♌	
morning rise	-1579 Sep 06 j 06:17	14°♌32'57	
	-1579 Sep 29 j 13:03	0°♍	
	-1579 Nov 12 j 17:19	0°♎	
	-1579 Dec 25 j 15:45	0°♏	
desc. node	-1578 Feb 04 j 20:15	29°♏25'01	
	-1578 Feb 05 j 15:41	0°♐	
	-1578 Mar 19 j 08:54	0°♑	
	-1578 May 01 j 09:26	0°♒	
	-1578 Jun 20 j 12:18	0°♓	
retrograde	-1578 Aug 07 j 04:53	13°♓33'27	
min. Earth dist.	-1578 Sep 04 j 07:03	8°♓11'24	0.45839 AU
greatest brilliancy	-1578 Sep 11 j 06:10	5°♓46'26	-2.4m
opposition	-1578 Sep 12 j 09:19	5°♓22'48	-4°17'40
	-1578 Oct 01 j 10:24	30°℞♒	
direct	-1578 Oct 14 j 22:19	28°♒45'17	
	-1578 Oct 29 j 02:03	0°♓	
asc. node	-1578 Dec 08 j 14:39	13°♓28'34	
	-1577 Jan 10 j 16:09	0°♈	
	-1577 Mar 04 j 09:16	0°♉	
	-1577 Apr 23 j 07:41	0°♊	
	-1577 Jun 10 j 19:44	0°♋	
evening set	-1577 Jul 14 j 23:15	21°♋42'30	
	-1577 Jul 27 j 18:24	0°♌	
max. Earth dist.	-1577 Aug 08 j 02:35	7°♌25'35	2.61086 AU
conjunction	-1577 Aug 30 j 14:22	22°♌23'32	1°00'05
minimum elong	-1577 Aug 30 j 15:33	22°♌25'31	1°00'05
	-1577 Sep 10 j 20:18	0°♍	
morning rise	-1577 Oct 16 j 22:40	25°♍01'07	
	-1577 Oct 23 j 23:25	0°♎	
	-1577 Dec 04 j 08:44	0°♏	
desc. node	-1577 Dec 23 j 18:52	14°♏26'37	
	-1576 Jan 13 j 10:27	0°♐	
	-1576 Feb 21 j 19:20	0°♑	
	-1576 Apr 01 j 08:20	0°♒	
	-1576 May 12 j 08:11	0°♓	
	-1576 Jun 26 j 06:41	0°♈	
	-1576 Aug 27 j 02:36	0°♉	
retrograde	-1576 Sep 20 j 14:00	3°♉46'55	
	-1576 Oct 13 j 16:56	30°℞♈	
min. Earth dist.	-1576 Oct 23 j 23:52	26°♈18'52	0.58133 AU
asc. node	-1576 Oct 25 j 14:54	25°♈40'46	
opposition	-1576 Oct 29 j 22:05	23°♈59'09	0°11'15
greatest brilliancy	-1576 Oct 29 j 21:02	24°♈00'11	-1.8m
direct	-1576 Dec 05 j 17:28	15°♈32'16	
	-1575 Jan 30 j 12:58	0°♉	
	-1575 Mar 30 j 18:54	0°♊	
	-1575 May 21 j 03:56	0°♋	
	-1575 Jul 08 j 02:43	0°♌	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1575 Aug 22 j 07:13	0°♍	
evening set	-1575 Aug 23 j 10:05	0°♍45'55	
max. Earth dist.	-1575 Sep 07 j 19:58	11°♍25'17	2.50829 AU
	-1575 Oct 04 j 00:10	0°♎	
conjunction	-1575 Oct 13 j 00:49	6°♎32'44	0°18'03
minimum elong	-1575 Oct 13 j 01:44	6°♎34'24	0°18'03
desc. node	-1575 Nov 09 j 17:37	27°♎02'55	
	-1575 Nov 13 j 15:49	0°♏	
morning rise	-1575 Dec 07 j 12:27	18°♏09'43	
	-1575 Dec 22 j 20:41	0°♐	
	-1574 Jan 30 j 08:42	0°♑	
	-1574 Mar 10 j 00:22	0°♒	
	-1574 Apr 18 j 18:07	0°♓	
	-1574 May 30 j 16:22	0°♈	
	-1574 Jul 15 j 13:16	0°♉	
	-1574 Sep 09 j 19:03	0°♊	
asc. node	-1574 Sep 12 j 14:02	1°♊09'58	
retrograde	-1574 Oct 27 j 05:06	11°♊37'13	
min. Earth dist.	-1574 Dec 04 j 02:44	2°♊36'44	0.65802 AU
opposition	-1574 Dec 06 j 08:22	1°♊42'54	3°00'49
greatest brilliancy	-1574 Dec 06 j 01:22	1°♊49'56	-1.4m
	-1574 Dec 10 j 15:46	30°℞♉	
direct	-1573 Jan 14 j 22:57	22°♉15'29	
	-1573 Feb 23 j 06:16	0°♊	
	-1573 Apr 28 j 05:49	0°♋	
	-1573 Jun 18 j 02:34	0°♌	
	-1573 Aug 03 j 03:58	0°♍	
	-1573 Sep 14 j 22:35	0°♎	
desc. node	-1573 Sep 27 j 16:18	9°♎18'09	
evening set	-1573 Oct 11 j 19:10	19°♎47'47	
	-1573 Oct 25 j 07:26	0°♏	
max. Earth dist.	-1573 Nov 11 j 12:32	13°♏12'01	2.38627 AU
	-1573 Dec 03 j 02:38	0°♐	
conjunction	-1573 Dec 10 j 22:09	6°♐07'48	-0°46'22
minimum elong	-1573 Dec 10 j 19:18	6°♐02'10	0°46'20
	-1572 Jan 10 j 05:32	0°♑	
morning rise	-1572 Feb 17 j 05:03	29°♑42'49	
	-1572 Feb 17 j 13:56	0°♒	
	-1572 Mar 28 j 00:36	0°♓	
	-1572 May 08 j 08:22	0°♈	
	-1572 Jun 21 j 07:26	0°♉	
asc. node	-1572 Jul 30 j 12:40	24°♉51'46	
	-1572 Aug 08 j 01:55	0°♊	
	-1572 Oct 03 j 09:47	0°♋	
retrograde	-1572 Nov 29 j 20:01	15°♋20'46	
opposition	-1571 Jan 08 j 12:48	5°♋53'43	4°29'00
greatest brilliancy	-1571 Jan 08 j 17:12	5°♋49'21	-1.3m
min. Earth dist.	-1571 Jan 10 j 03:33	5°♋15'16	0.67195 AU
	-1571 Jan 24 j 11:10	30°℞♊	
direct	-1571 Feb 18 j 15:48	25°♊56'27	
	-1571 Mar 17 j 23:32	0°♋	
	-1571 May 24 j 05:33	0°♌	
	-1571 Jul 12 j 06:58	0°♍	
desc. node	-1571 Aug 14 j 14:45	22°♍39'39	
	-1571 Aug 24 j 22:42	0°♎	
	-1571 Oct 04 j 12:01	0°♏	
	-1571 Nov 12 j 06:20	0°♐	
evening set	-1571 Dec 15 j 02:57	25°♐53'32	
	-1571 Dec 20 j 07:57	0°♑	
	-1570 Jan 27 j 16:54	0°♒	
conjunction	-1570 Feb 19 j 12:45	17°♒27'53	-0°59'57
minimum elong	-1570 Feb 19 j 15:02	17°♒32'11	0°59'58
	-1570 Mar 08 j 05:51	0°♓	
max. Earth dist.	-1570 Apr 08 j 23:57	23°♓09'52	2.45792 AU
	-1570 Apr 18 j 14:35	0°♈	
morning rise	-1570 Apr 23 j 23:45	3°♈47'29	
	-1570 Jun 01 j 05:05	0°♉	
asc. node	-1570 Jun 17 j 12:23	10°♉48'35	
	-1570 Jul 17 j 07:12	0°♊	
	-1570 Sep 04 j 11:52	0°♋	
	-1570 Oct 30 j 05:12	0°♌	
retrograde	-1569 Jan 06 j 08:03	19°♌53'17	
opposition	-1569 Feb 13 j 11:44	11°♌16'28	4°37'58
greatest brilliancy	-1569 Feb 14 j 08:16	10°♌56'44	-1.5m
min. Earth dist.	-1569 Feb 18 j 22:56	9°♌10'32	0.62074 AU
direct	-1569 Mar 26 j 15:16	1°♌20'46	
	-1569 Jun 15 j 21:43	0°♍	
desc. node	-1569 Jul 02 j 14:20	9°♍55'21	
	-1569 Aug 02 j 08:10	0°♎	
	-1569 Sep 13 j 03:07	0°♏	
	-1569 Oct 22 j 10:23	0°♐	
	-1569 Nov 29 j 20:44	0°♑	
	-1568 Jan 07 j 14:39	0°♒	
	-1568 Feb 16 j 13:46	0°♓	
evening set	-1568 Feb 20 j 08:07	2°♓45'46	
	-1568 Mar 29 j 08:27	0°♈	
conjunction	-1568 Apr 18 j 06:15	13°♈48'01	-0°09'40
minimum elong	-1568 Apr 18 j 06:46	13°♈48'54	0°09'40
behind sun begin	-1568 Apr 17 j 12:20	13°♈17'18	
behind sun end	-1568 Apr 19 j 01:12	14°♈20'28	
asc. node	-1568 May 04 j 10:42	24°♈48'14	
	-1568 May 12 j 04:23	0°♉	
max. Earth dist.	-1568 May 16 j 12:53	2°♉54'29	2.57923 AU
morning rise	-1568 Jun 10 j 01:15	19°♉03'48	
	-1568 Jun 26 j 22:30	0°♊	
	-1568 Aug 13 j 08:49	0°♋	
	-1568 Oct 01 j 14:50	0°♌	
	-1568 Nov 23 j 13:31	0°♍	
	-1567 Feb 08 j 20:23	0°♎	
retrograde	-1567 Feb 21 j 11:38	0°♎55'29	
	-1567 Mar 05 j 14:19	30°℞♍	
opposition	-1567 Mar 28 j 13:29	23°♍43'51	2°38'19
greatest brilliancy	-1567 Mar 29 j 10:57	23°♍24'59	-2.1m
min. Earth dist.	-1567 Apr 05 j 22:16	20°♍47'38	0.51008 AU
direct	-1567 May 06 j 06:52	14°♍54'40	
desc. node	-1567 May 19 j 13:36	16°♍05'05	
	-1567 Jun 27 j 16:59	0°♎	
	-1567 Aug 16 j 11:07	0°♏	
	-1567 Sep 27 j 10:11	0°♐	
	-1567 Nov 06 j 08:27	0°♑	
	-1567 Dec 16 j 06:02	0°♒	
	-1566 Jan 26 j 05:32	0°♓	
	-1566 Mar 09 j 21:24	0°♈	
asc. node	-1566 Mar 22 j 08:55	8°♈32'08	
evening set	-1566 Apr 12 j 06:15	22°♈36'27	
	-1566 Apr 23 j 09:14	0°♉	
conjunction	-1566 Jun 01 j 18:44	25°♉43'45	0°38'47
minimum elong	-1566 Jun 01 j 17:26	25°♉41'39	0°38'48
	-1566 Jun 08 j 09:45	0°♊	
max. Earth dist.	-1566 Jun 12 j 08:28	2°♊32'15	2.65293 AU
morning rise	-1566 Jul 18 j 19:28	25°♊49'32	
	-1566 Jul 25 j 09:07	0°♋	
	-1566 Sep 10 j 18:25	0°♌	
	-1566 Oct 28 j 10:06	0°♍	
	-1566 Dec 15 j 22:29	0°♎	
	-1565 Feb 05 j 13:57	0°♏	
desc. node	-1565 Apr 06 j 12:27	26°♏10'03	
retrograde	-1565 Apr 30 j 23:32	29°♏36'00	
opposition	-1565 May 31 j 15:35	24°♏25'07	-3°38'45

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

greatest brilliancy	-1565 Jun 01 j 04:10	24°♏16'23	-2.8m
min. Earth dist.	-1565 Jun 05 j 05:11	23°♏09'16	0.39038 AU
direct	-1565 Jul 02 j 15:31	18°♏40'55	
	-1565 Aug 15 j 10:19	0°♐	
	-1565 Oct 06 j 16:59	0°♑	
	-1565 Nov 20 j 12:41	0°♒	
	-1564 Jan 03 j 12:30	0°♓	
asc. node	-1564 Feb 07 j 08:08	23°♓25'14	
	-1564 Feb 17 j 05:49	0°♈	
	-1564 Apr 03 j 03:09	0°♉	
	-1564 May 19 j 23:03	0°♊	
evening set	-1564 May 23 j 03:36	2°♊01'49	
max. Earth dist.	-1564 Jul 04 j 22:02	29°♊14'21	2.67272 AU
	-1564 Jul 06 j 02:41	0°♋	
conjunction	-1564 Jul 09 j 01:05	1°♋52'12	1°06'04
minimum elong	-1564 Jul 09 j 00:17	1°♋50'56	1°06'06
	-1564 Aug 21 j 21:10	0°♌	
morning rise	-1564 Aug 22 j 22:02	0°♌40'12	
	-1564 Oct 06 j 18:36	0°♍	
	-1564 Nov 20 j 15:47	0°♎	
	-1563 Jan 03 j 16:08	0°♏	
	-1563 Feb 16 j 05:38	0°♐	
desc. node	-1563 Feb 21 j 12:32	3°♐38'15	
	-1563 Apr 01 j 10:23	0°♑	
	-1563 May 20 j 11:46	0°♒	
retrograde	-1563 Jul 15 j 14:44	17°♒44'56	
min. Earth dist.	-1563 Aug 11 j 07:52	13°♒06'03	0.41186 AU
greatest brilliancy	-1563 Aug 17 j 00:57	11°♒19'47	-2.7m
opposition	-1563 Aug 18 j 09:10	10°♒54'34	-6°04'51
direct	-1563 Sep 18 j 05:32	5°♒11'58	
	-1563 Dec 01 j 04:31	0°♓	
asc. node	-1563 Dec 25 j 07:10	13°♓17'52	
	-1562 Jan 22 j 19:16	0°♈	
	-1562 Mar 13 j 05:34	0°♉	
	-1562 Apr 30 j 20:49	0°♊	
	-1562 Jun 17 j 19:31	0°♋	
evening set	-1562 Jun 30 j 04:47	7°♋51'18	
max. Earth dist.	-1562 Jul 29 j 03:08	26°♋26'25	2.63852 AU
	-1562 Aug 03 j 14:33	0°♌	
conjunction	-1562 Aug 15 j 08:22	7°♌41'10	1°07'28
minimum elong	-1562 Aug 15 j 09:02	7°♌42'15	1°07'30
	-1562 Sep 17 j 19:24	0°♍	
morning rise	-1562 Sep 30 j 05:34	8°♍27'10	
	-1562 Oct 31 j 06:38	0°♎	
	-1562 Dec 12 j 03:27	0°♏	
desc. node	-1561 Jan 09 j 12:02	20°♏51'45	
	-1561 Jan 21 j 18:39	0°♐	
	-1561 Mar 02 j 18:01	0°♑	
	-1561 Apr 12 j 00:30	0°♒	
	-1561 May 24 j 07:51	0°♓	
	-1561 Jul 12 j 16:47	0°♈	
retrograde	-1561 Sep 05 j 12:04	16°♈34'25	
min. Earth dist.	-1561 Oct 06 j 20:10	9°♈52'29	0.53678 AU
opposition	-1561 Oct 14 j 00:19	7°♈08'14	-1°21'44
greatest brilliancy	-1561 Oct 13 j 16:19	7°♈15'52	-2.0m
	-1561 Nov 07 j 23:12	30°℞♓	
asc. node	-1561 Nov 12 j 06:07	29°♓31'37	
direct	-1561 Nov 18 j 08:26	29°♓16'54	
	-1561 Nov 29 j 02:32	0°♈	
	-1560 Feb 15 j 02:19	0°♉	
	-1560 Apr 08 j 20:01	0°♊	
	-1560 May 28 j 17:54	0°♋	
	-1560 Jul 15 j 04:41	0°♌	
evening set	-1560 Aug 07 j 01:01	15°♌00'18	
max. Earth dist.	-1560 Aug 25 j 02:57	27°♌09'50	2.55334 AU
	-1560 Aug 29 j 06:53	0°♍	
conjunction	-1560 Sep 24 j 13:04	18°♍12'43	0°38'20
minimum elong	-1560 Sep 24 j 14:31	18°♍15'16	0°38'19
	-1560 Oct 11 j 02:57	0°♎	
morning rise	-1560 Nov 14 j 22:44	25°♎28'10	
	-1560 Nov 21 j 00:25	0°♏	
desc. node	-1560 Nov 26 j 10:07	4°♏03'09	
	-1560 Dec 30 j 12:11	0°♐	
	-1559 Feb 07 j 06:40	0°♑	
	-1559 Mar 18 j 04:02	0°♒	
	-1559 Apr 27 j 04:39	0°♓	
	-1559 Jun 08 j 17:19	0°♈	
	-1559 Jul 26 j 15:12	0°♉	
asc. node	-1559 Sep 29 j 05:44	26°♉36'58	
retrograde	-1559 Oct 13 j 12:24	27°♉54'29	
min. Earth dist.	-1559 Nov 18 j 19:15	19°♉26'11	0.63511 AU
opposition	-1559 Nov 22 j 12:21	17°♉56'56	2°06'00
greatest brilliancy	-1559 Nov 22 j 04:38	18°♉04'41	-1.5m
direct	-1559 Dec 31 j 04:16	8°♉48'53	
	-1558 Mar 12 j 09:58	0°♊	
	-1558 May 07 j 12:31	0°♋	
	-1558 Jun 25 j 21:08	0°♌	
	-1558 Aug 10 j 11:46	0°♍	
evening set	-1558 Sep 20 j 22:55	29°♍06'16	
	-1558 Sep 22 j 04:38	0°♎	
max. Earth dist.	-1558 Oct 07 j 20:03	11°♎26'03	2.43081 AU
desc. node	-1558 Oct 14 j 09:19	16°♎17'21	
	-1558 Nov 01 j 15:12	0°♏	
conjunction	-1558 Nov 15 j 16:54	10°♏44'32	-0°21'34
minimum elong	-1558 Nov 15 j 15:27	10°♏41'45	0°21'34
	-1558 Dec 10 j 13:19	0°♐	
	-1557 Jan 17 j 18:50	0°♑	
morning rise	-1557 Jan 18 j 14:07	0°♑37'54	
	-1557 Feb 25 j 04:53	0°♒	
	-1557 Apr 05 j 16:43	0°♓	
	-1557 May 17 j 03:03	0°♈	
	-1557 Jun 30 j 11:57	0°♉	
asc. node	-1557 Aug 17 j 04:38	29°♉04'21	
	-1557 Aug 18 j 20:14	0°♊	
	-1557 Oct 27 j 06:41	0°♋	
retrograde	-1557 Nov 17 j 07:29	2°♋34'08	
	-1557 Dec 07 j 01:06	30°℞♊	
opposition	-1557 Dec 27 j 07:26	22°♊53'44	4°03'31
greatest brilliancy	-1557 Dec 27 j 06:12	22°♊54'58	-1.3m
min. Earth dist.	-1557 Dec 27 j 09:56	22°♊51'14	0.67436 AU
direct	-1556 Feb 05 j 23:53	13°♊04'55	
	-1556 Apr 07 j 19:35	0°♋	
	-1556 Jun 03 j 01:17	0°♌	
	-1556 Jul 20 j 12:13	0°♍	
desc. node	-1556 Aug 31 j 08:49	29°♍02'11	
	-1556 Sep 01 j 16:56	0°♎	
	-1556 Oct 12 j 03:09	0°♏	
evening set	-1556 Nov 17 j 18:36	28°♏21'32	
	-1556 Nov 19 j 20:49	0°♐	
	-1556 Dec 27 j 21:52	0°♑	
conjunction	-1555 Jan 22 j 20:30	20°♑22'46	-1°06'02
minimum elong	-1555 Jan 22 j 20:19	20°♑22'25	1°06'04
	-1555 Feb 04 j 05:22	0°♒	
max. Earth dist.	-1555 Mar 12 j 21:51	27°♒56'28	2.40517 AU
	-1555 Mar 15 j 16:04	0°♓	
morning rise	-1555 Mar 31 j 14:12	11°♓45'21	
	-1555 Apr 25 j 22:41	0°♈	
	-1555 Jun 08 j 13:42	0°♉	
asc. node	-1555 Jul 04 j 02:45	16°♉44'53	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1555 Jul 25 j 00:52	0°♊	
	-1555 Sep 13 j 17:39	0°♋	
	-1555 Nov 17 j 10:22	0°♌	
retrograde	-1555 Dec 22 j 02:13	6°♌15'21	
	-1554 Jan 22 j 19:11	30°℞♋	
opposition	-1554 Jan 29 j 23:50	27°♋15'49	4°45'13
greatest brilliancy	-1554 Jan 30 j 14:17	27°♋01'42	-1.4m
min. Earth dist.	-1554 Feb 02 j 23:23	25°♋42'34	0.64860 AU
direct	-1554 Mar 12 j 08:11	17°♋14'38	
	-1554 May 02 j 07:41	0°♌	
	-1554 Jun 27 j 03:58	0°♍	
desc. node	-1554 Jul 19 j 07:06	14°♍11'07	
	-1554 Aug 11 j 10:53	0°♎	
	-1554 Sep 21 j 13:44	0°♏	
	-1554 Oct 30 j 13:50	0°♐	
	-1554 Dec 07 j 19:10	0°♑	
	-1553 Jan 15 j 07:55	0°♒	
evening set	-1553 Jan 26 j 16:36	8°♒41'45	
	-1553 Feb 24 j 01:25	0°♓	
conjunction	-1553 Mar 29 j 12:49	24°♓17'11	-0°31'27
minimum elong	-1553 Mar 29 j 14:40	24°♓20'28	0°31'25
	-1553 Apr 06 j 14:30	0°♈	
max. Earth dist.	-1553 May 04 j 22:42	19°♈38'27	2.53615 AU
	-1553 May 20 j 06:24	0°♉	
asc. node	-1553 May 22 j 02:34	1°♉13'57	
morning rise	-1553 May 24 j 23:17	3°♉08'47	
	-1553 Jul 05 j 00:54	0°♊	
	-1553 Aug 21 j 21:40	0°♋	
	-1553 Oct 11 j 15:10	0°♌	
	-1553 Dec 09 j 12:15	0°♍	
retrograde	-1552 Feb 02 j 09:26	13°♍52'09	
opposition	-1552 Mar 09 j 21:32	6°♍01'47	3°46'49
greatest brilliancy	-1552 Mar 10 j 22:56	5°♍38'23	-1.8m
min. Earth dist.	-1552 Mar 17 j 10:04	3°♍15'49	0.55906 AU
	-1552 Mar 27 j 06:36	30°℞♌	
direct	-1552 Apr 18 j 23:25	26°♌34'41	
	-1552 May 12 j 14:38	0°♍	
desc. node	-1552 Jun 05 j 05:30	8°♍42'21	
	-1552 Jul 14 j 08:23	0°♎	
	-1552 Aug 27 j 20:07	0°♏	
	-1552 Oct 07 j 05:52	0°♐	
	-1552 Nov 15 j 08:22	0°♑	
	-1552 Dec 24 j 15:17	0°♒	
	-1551 Feb 03 j 02:21	0°♓	
	-1551 Mar 17 j 07:35	0°♈	
evening set	-1551 Mar 24 j 14:57	5°♈03'22	
asc. node	-1551 Apr 08 j 01:47	14°♈56'37	
	-1551 Apr 30 j 11:13	0°♉	
conjunction	-1551 May 16 j 13:02	10°♉38'02	0°22'05
minimum elong	-1551 May 16 j 12:06	10°♉36'30	0°22'05
max. Earth dist.	-1551 Jun 02 j 15:30	21°♉48'23	2.63020 AU
	-1551 Jun 15 j 07:19	0°♊	
morning rise	-1551 Jul 04 j 08:10	12°♊12'43	
	-1551 Aug 01 j 08:29	0°♋	
	-1551 Sep 18 j 05:46	0°♌	
	-1551 Nov 06 j 05:02	0°♍	
	-1551 Dec 28 j 02:07	0°♎	
	-1550 Mar 05 j 23:33	0°♏	
retrograde	-1550 Mar 31 j 20:45	3°♏44'40	
desc. node	-1550 Apr 23 j 05:10	0°♏43'35	
	-1550 Apr 25 j 22:18	30°℞♎	
opposition	-1550 May 03 j 07:13	27°♎48'26	-0°37'52
greatest brilliancy	-1550 May 03 j 11:31	27°♎45'05	-2.6m
min. Earth dist.	-1550 May 10 j 22:29	25°♎27'05	0.43000 AU
direct	-1550 Jun 07 j 07:41	20°♎42'52	
	-1550 Jul 16 j 08:42	0°♏	
	-1550 Sep 07 j 03:16	0°♐	
	-1550 Oct 20 j 10:47	0°♑	
	-1550 Dec 01 j 06:29	0°♒	
	-1549 Jan 12 j 14:31	0°♓	
asc. node	-1549 Feb 23 j 23:40	29°♓07'55	
	-1549 Feb 25 j 06:30	0°♈	
	-1549 Apr 11 j 11:23	0°♉	
evening set	-1549 May 08 j 14:10	17°♉35'36	
	-1549 May 27 j 21:39	0°♊	
conjunction	-1549 Jun 25 j 12:56	18°♊17'18	0°58'21
minimum elong	-1549 Jun 25 j 11:46	18°♊15'25	0°58'22
max. Earth dist.	-1549 Jun 26 j 19:59	19°♊06'45	2.67140 AU
	-1549 Jul 13 j 22:02	0°♋	
morning rise	-1549 Aug 09 j 21:33	17°♋13'15	
	-1549 Aug 29 j 20:04	0°♌	
	-1549 Oct 15 j 05:44	0°♍	
	-1549 Nov 30 j 02:38	0°♎	
	-1548 Jan 14 j 19:18	0°♏	
	-1548 Mar 01 j 07:32	0°♐	
desc. node	-1548 Mar 10 j 04:34	5°♐32'52	
	-1548 Apr 21 j 13:54	0°♑	
retrograde	-1548 Jun 18 j 12:13	17°♑47'52	
min. Earth dist.	-1548 Jul 16 j 01:38	13°♑18'27	0.38091 AU
opposition	-1548 Jul 19 j 17:30	12°♑18'19	-6°46'34
greatest brilliancy	-1548 Jul 18 j 22:28	12°♑31'22	-2.9m
direct	-1548 Aug 18 j 08:48	7°♑17'31	
	-1548 Oct 25 j 19:54	0°♒	
	-1548 Dec 15 j 23:54	0°♓	
asc. node	-1547 Jan 10 j 22:25	16°♓11'21	
	-1547 Feb 01 j 20:15	0°♈	
	-1547 Mar 21 j 09:47	0°♉	
	-1547 May 08 j 03:38	0°♊	
evening set	-1547 Jun 15 j 13:21	24°♊11'59	
	-1547 Jun 24 j 16:54	0°♋	
max. Earth dist.	-1547 Jul 19 j 13:22	15°♋51'55	2.65825 AU
conjunction	-1547 Jul 31 j 15:56	23°♋40'02	1°10'16
minimum elong	-1547 Jul 31 j 16:00	23°♋40'09	1°10'17
	-1547 Aug 10 j 10:20	0°♌	
morning rise	-1547 Sep 14 j 17:45	23°♌14'38	
	-1547 Sep 24 j 20:00	0°♍	
	-1547 Nov 07 j 17:38	0°♎	
	-1547 Dec 20 j 05:35	0°♏	
desc. node	-1546 Jan 26 j 04:12	26°♏43'54	
	-1546 Jan 30 j 15:36	0°♐	
	-1546 Mar 12 j 13:37	0°♑	
	-1546 Apr 23 j 04:34	0°♒	
	-1546 Jun 07 j 14:38	0°♓	
retrograde	-1546 Aug 18 j 12:58	26°♓44'52	
min. Earth dist.	-1546 Sep 16 j 17:27	20°♓54'20	0.48692 AU
opposition	-1546 Sep 24 j 17:47	18°♓00'15	-3°10'53
greatest brilliancy	-1546 Sep 23 j 21:33	18°♓18'37	-2.2m
direct	-1546 Oct 28 j 08:23	10°♓53'47	
asc. node	-1546 Nov 28 j 21:52	16°♓28'47	
	-1546 Dec 31 j 22:52	0°♈	
	-1545 Feb 26 j 02:40	0°♉	
	-1545 Apr 18 j 02:12	0°♊	
	-1545 Jun 06 j 00:50	0°♋	
evening set	-1545 Jul 23 j 12:50	0°♌14'49	
	-1545 Jul 23 j 03:43	0°♌	
max. Earth dist.	-1545 Aug 14 j 08:51	14°♌36'16	2.59252 AU
	-1545 Sep 06 j 06:00	0°♍	
conjunction	-1545 Sep 08 j 15:36	1°♍38'10	0°53'36
minimum elong	-1545 Sep 08 j 16:59	1°♍40'32	0°53'36

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1545 Oct 19 j 06:58	0°♎	
morning rise	-1545 Oct 27 j 03:44	5°♎38'00	
	-1545 Nov 29 j 11:59	0°♏	
desc. node	-1545 Dec 14 j 03:59	10°♏56'42	
	-1544 Jan 08 j 08:15	0°♐	
	-1544 Feb 16 j 11:04	0°♑	
	-1544 Mar 26 j 16:39	0°♒	
	-1544 May 06 j 04:48	0°♓	
	-1544 Jun 18 j 20:49	0°♈	
	-1544 Aug 10 j 16:24	0°♉	
retrograde	-1544 Sep 29 j 05:50	13°♉15'23	
asc. node	-1544 Oct 15 j 20:25	11°♉18'03	
min. Earth dist.	-1544 Nov 02 j 17:32	5°♉23'56	0.60305 AU
opposition	-1544 Nov 07 j 21:02	3°♉21'22	0°57'50
greatest brilliancy	-1544 Nov 07 j 16:08	3°♉26'14	-1.7m
	-1544 Nov 16 j 16:23	30°℞♈	
direct	-1544 Dec 15 j 09:33	24°♈37'53	
	-1543 Jan 16 j 02:44	0°♉	
	-1543 Mar 24 j 04:41	0°♊	
	-1543 May 15 j 21:07	0°♋	
	-1543 Jul 03 j 06:51	0°♌	
	-1543 Aug 17 j 15:08	0°♍	
evening set	-1543 Sep 02 j 06:50	10°♍47'37	
max. Earth dist.	-1543 Sep 17 j 01:51	21°♍12'17	2.48149 AU
	-1543 Sep 29 j 08:38	0°♎	
conjunction	-1543 Oct 24 j 10:20	18°♎22'07	0°04'29
minimum elong	-1543 Oct 24 j 10:35	18°♎22'33	0°04'28
behind sun begin	-1543 Oct 23 j 12:04	17°♎40'46	
behind sun end	-1543 Oct 25 j 09:06	19°♎04'23	
desc. node	-1543 Oct 31 j 02:17	23°♎20'21	
	-1543 Nov 08 j 22:54	0°♏	
	-1543 Dec 18 j 01:33	0°♐	
morning rise	-1543 Dec 21 j 16:48	2°♐49'34	
	-1542 Jan 25 j 11:07	0°♑	
	-1542 Mar 04 j 24:00	0°♒	
	-1542 Apr 13 j 14:15	0°♓	
	-1542 May 25 j 05:46	0°♈	
	-1542 Jul 09 j 07:49	0°♉	
	-1542 Aug 30 j 17:41	0°♊	
asc. node	-1542 Sep 02 j 19:27	1°♊30'44	
retrograde	-1542 Nov 03 j 23:05	19°♊40'37	
min. Earth dist.	-1542 Dec 12 j 16:35	10°♊23'51	0.66658 AU
opposition	-1542 Dec 14 j 02:11	9°♊50'08	3°27'18
greatest brilliancy	-1542 Dec 13 j 20:41	9°♊55'39	-1.3m
direct	-1541 Jan 23 j 03:08	0°♊13'50	
	-1541 Apr 21 j 10:05	0°♋	
	-1541 Jun 12 j 17:32	0°♌	
	-1541 Jul 29 j 05:42	0°♍	
	-1541 Sep 10 j 04:05	0°♎	
desc. node	-1541 Sep 18 j 00:47	5°♎42'56	
	-1541 Oct 20 j 13:35	0°♏	
evening set	-1541 Oct 24 j 17:38	3°♏10'41	
	-1541 Nov 28 j 08:20	0°♐	
conjunction	-1541 Dec 26 j 08:28	22°♐02'46	-0°57'15
minimum elong	-1541 Dec 26 j 05:46	21°♐57'27	0°57'15
max. Earth dist.	-1541 Dec 25 j 21:00	21°♐40'09	2.37360 AU
	-1540 Jan 05 j 10:30	0°♑	
	-1540 Feb 12 j 18:08	0°♒	
morning rise	-1540 Mar 04 j 14:44	16°♒01'05	
	-1540 Mar 23 j 04:03	0°♓	
	-1540 May 03 j 10:12	0°♈	
	-1540 Jun 16 j 04:12	0°♉	
asc. node	-1540 Jul 20 j 19:25	22°♉18'44	
	-1540 Aug 02 j 06:49	0°♊	
	-1540 Sep 24 j 15:48	0°♋	
retrograde	-1540 Dec 07 j 18:42	23°♋10'55	
opposition	-1539 Jan 16 j 05:48	13°♋52'42	4°38'26
greatest brilliancy	-1539 Jan 16 j 13:43	13°♋44'53	-1.3m
min. Earth dist.	-1539 Jan 18 j 16:56	12°♋54'18	0.66643 AU
direct	-1539 Feb 26 j 12:14	3°♋52'30	
	-1539 May 16 j 22:33	0°♌	
	-1539 Jul 06 j 16:00	0°♍	
desc. node	-1539 Aug 04 j 23:53	19°♍35'48	
	-1539 Aug 19 j 19:47	0°♎	
	-1539 Sep 29 j 13:27	0°♏	
	-1539 Nov 07 j 09:29	0°♐	
	-1539 Dec 15 j 11:56	0°♑	
evening set	-1539 Dec 30 j 19:09	12°♑01'29	
	-1538 Jan 22 j 21:26	0°♒	
	-1538 Mar 03 j 11:04	0°♓	
conjunction	-1538 Mar 06 j 02:11	1°♓57'01	-0°51'19
minimum elong	-1538 Mar 06 j 04:49	2°♓01'53	0°51'18
	-1538 Apr 13 j 20:21	0°♈	
max. Earth dist.	-1538 Apr 19 j 15:41	4°♈05'23	2.48711 AU
morning rise	-1538 May 05 j 22:09	15°♈23'41	
	-1538 May 27 j 10:03	0°♉	
asc. node	-1538 Jun 07 j 18:25	7°♉33'45	
	-1538 Jul 12 j 07:42	0°♊	
	-1538 Aug 29 j 21:04	0°♋	
	-1538 Oct 22 j 02:08	0°♌	
retrograde	-1537 Jan 15 j 16:21	28°♌33'32	
opposition	-1537 Feb 22 j 07:33	20°♌11'36	4°25'21
greatest brilliancy	-1537 Feb 23 j 06:43	19°♌49'36	-1.6m
min. Earth dist.	-1537 Feb 28 j 13:33	17°♌49'21	0.60122 AU
direct	-1537 Apr 04 j 04:38	10°♌22'42	
	-1537 Jun 07 j 01:24	0°♍	
desc. node	-1537 Jun 22 j 22:25	8°♍41'29	
	-1537 Jul 27 j 00:45	0°♎	
	-1537 Sep 07 j 12:52	0°♏	
	-1537 Oct 17 j 03:41	0°♐	
	-1537 Nov 24 j 18:35	0°♑	
	-1536 Jan 02 j 15:46	0°♒	
	-1536 Feb 11 j 17:43	0°♓	
evening set	-1536 Mar 04 j 01:00	15°♓26'19	
	-1536 Mar 24 j 14:49	0°♈	
asc. node	-1536 Apr 24 j 17:07	21°♈23'33	
conjunction	-1536 Apr 29 j 00:09	24°♈17'34	0°02'35
minimum elong	-1536 Apr 29 j 00:01	24°♈17'20	0°02'36
behind sun begin	-1536 Apr 28 j 02:06	23°♈40'24	
behind sun end	-1536 Apr 29 j 21:56	24°♈54'15	
	-1536 May 07 j 12:12	0°♉	
max. Earth dist.	-1536 May 23 j 02:12	10°♉20'47	2.59956 AU
morning rise	-1536 Jun 19 j 04:11	28°♉00'59	
	-1536 Jun 22 j 05:57	0°♊	
	-1536 Aug 08 j 11:36	0°♋	
	-1536 Sep 26 j 02:44	0°♌	
	-1536 Nov 16 j 03:48	0°♍	
	-1535 Jan 14 j 18:10	0°♎	
retrograde	-1535 Mar 06 j 07:51	12°♎10'53	
opposition	-1535 Apr 09 j 11:24	5°♎24'27	1°40'39
greatest brilliancy	-1535 Apr 10 j 02:06	5°♎11'58	-2.3m
min. Earth dist.	-1535 Apr 17 j 22:27	2°♎32'30	0.48091 AU
	-1535 Apr 26 j 09:15	30°℞♍	
desc. node	-1535 May 09 j 20:55	27°♍27'54	
direct	-1535 May 17 j 01:55	27°♍05'57	
	-1535 Jun 07 j 05:05	0°♎	
	-1535 Aug 07 j 20:27	0°♏	
	-1535 Sep 20 j 14:20	0°♐	
	-1535 Oct 31 j 07:42	0°♑	
	-1535 Dec 10 j 17:14	0°♒	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1534 Jan 21 j 01:27	0°♓	
	-1534 Mar 04 j 23:55	0°♈	
asc. node	-1534 Mar 12 j 16:01	5°♈14'00	
	-1534 Apr 18 j 16:15	0°♉	
evening set	-1534 Apr 22 j 03:31	2°♉17'05	
	-1534 Jun 03 j 19:11	0°♊	
conjunction	-1534 Jun 10 j 14:21	4°♊21'59	0°46'57
minimum elong	-1534 Jun 10 j 13:01	4°♊19'50	0°46'58
max. Earth dist.	-1534 Jun 17 j 19:53	8°♊59'54	2.66184 AU
	-1534 Jul 20 j 18:13	0°♋	
morning rise	-1534 Jul 26 j 21:25	3°♋54'06	
	-1534 Sep 05 j 22:35	0°♌	
	-1534 Oct 23 j 01:44	0°♍	
	-1534 Dec 09 j 09:51	0°♎	
	-1533 Jan 27 j 01:08	0°♏	
	-1533 Mar 22 j 08:20	0°♐	
desc. node	-1533 Mar 27 j 21:52	2°♐36'26	
retrograde	-1533 May 19 j 01:56	16°♐34'21	
opposition	-1533 Jun 18 j 09:35	11°♐34'29	-5°16'48
greatest brilliancy	-1533 Jun 18 j 15:28	11°♐30'32	-2.9m
min. Earth dist.	-1533 Jun 20 j 03:26	11°♐06'28	0.37802 AU
direct	-1533 Jul 19 j 00:08	6°♐23'25	
	-1533 Sep 25 j 02:29	0°♑	
	-1533 Nov 12 j 17:40	0°♒	
	-1533 Dec 28 j 05:56	0°♓	
asc. node	-1532 Jan 28 j 13:50	20°♓41'03	
	-1532 Feb 11 j 19:04	0°♈	
	-1532 Mar 29 j 03:49	0°♉	
	-1532 May 15 j 06:15	0°♊	
evening set	-1532 May 31 j 18:55	10°♊28'37	
	-1532 Jul 01 j 12:47	0°♋	
max. Earth dist.	-1532 Jul 10 j 05:44	5°♋33'03	2.66995 AU
conjunction	-1532 Jul 17 j 06:32	10°♋02'42	1°08'46
minimum elong	-1532 Jul 17 j 06:01	10°♋01'53	1°08'47
	-1532 Aug 17 j 06:34	0°♌	
morning rise	-1532 Aug 31 j 01:39	8°♌58'22	
	-1532 Oct 01 j 23:34	0°♍	
	-1532 Nov 15 j 11:34	0°♎	
	-1532 Dec 28 j 21:02	0°♏	
	-1531 Feb 09 j 11:48	0°♐	
desc. node	-1531 Feb 11 j 21:47	1°♐42'30	
	-1531 Mar 24 j 01:44	0°♑	
	-1531 May 07 j 18:16	0°♒	
	-1531 Jul 06 j 23:26	0°♓	
retrograde	-1531 Jul 28 j 20:25	3°♓16'51	
	-1531 Aug 19 j 12:54	30°℞♒	
min. Earth dist.	-1531 Aug 25 j 04:05	28°♒16'55	0.43627 AU
greatest brilliancy	-1531 Aug 31 j 18:22	26°♒05'44	-2.5m
opposition	-1531 Sep 02 j 01:22	25°♒39'54	-5°07'31
direct	-1531 Oct 03 j 18:30	19°♒27'11	
	-1531 Nov 17 j 09:41	0°♓	
asc. node	-1531 Dec 15 j 12:34	13°♓09'14	
	-1530 Jan 15 j 11:36	0°♈	
	-1530 Mar 07 j 12:49	0°♉	
	-1530 Apr 25 j 20:29	0°♊	
	-1530 Jun 13 j 02:51	0°♋	
evening set	-1530 Jul 08 j 15:14	16°♋11'40	
	-1530 Jul 30 j 00:31	0°♌	
max. Earth dist.	-1530 Aug 03 j 21:46	3°♌11'11	2.62428 AU
conjunction	-1530 Aug 23 j 23:30	16°♌25'24	1°03'45
minimum elong	-1530 Aug 24 j 00:28	16°♌27'02	1°03'47
	-1530 Sep 13 j 04:36	0°♍	
morning rise	-1530 Oct 09 j 13:40	18°♍07'09	
	-1530 Oct 26 j 12:09	0°♎	
	-1530 Dec 07 j 03:10	0°♏	
desc. node	-1530 Dec 30 j 20:13	17°♏32'43	
	-1529 Jan 16 j 10:59	0°♐	
	-1529 Feb 25 j 01:58	0°♑	
	-1529 Apr 05 j 21:07	0°♒	
	-1529 May 17 j 06:49	0°♓	
	-1529 Jul 02 j 10:16	0°♈	
retrograde	-1529 Sep 14 j 21:47	27°♈04'22	
min. Earth dist.	-1529 Oct 17 j 09:33	19°♈55'55	0.56214 AU
opposition	-1529 Oct 23 j 21:22	17°♈24'25	-0°26'01
greatest brilliancy	-1529 Oct 23 j 19:04	17°♈26'39	-1.9m
asc. node	-1529 Nov 02 j 12:39	13°♈51'17	
direct	-1529 Nov 29 j 01:24	9°♈12'22	
	-1528 Feb 06 j 12:23	0°♉	
	-1528 Apr 02 j 23:26	0°♊	
	-1528 May 23 j 17:03	0°♋	
	-1528 Jul 10 j 11:27	0°♌	
evening set	-1528 Aug 16 j 06:00	24°♌16'53	
	-1528 Aug 24 j 16:08	0°♍	
max. Earth dist.	-1528 Sep 01 j 16:38	5°♍30'05	2.52918 AU
conjunction	-1528 Oct 04 j 19:19	28°♍47'41	0°27'18
minimum elong	-1528 Oct 04 j 20:33	28°♍49'53	0°27'17
	-1528 Oct 06 j 11:36	0°♎	
desc. node	-1528 Nov 16 j 18:58	0°♏23'08	
	-1528 Nov 16 j 06:39	0°♏	
morning rise	-1528 Nov 27 j 07:03	8°♏18'42	
	-1528 Dec 25 j 14:56	0°♐	
	-1527 Feb 02 j 05:49	0°♑	
	-1527 Mar 12 j 23:20	0°♒	
	-1527 Apr 21 j 18:41	0°♓	
	-1527 Jun 02 j 20:36	0°♈	
	-1527 Jul 19 j 07:13	0°♉	
	-1527 Sep 18 j 00:19	0°♊	
asc. node	-1527 Sep 19 j 12:03	0°♊30'06	
retrograde	-1527 Oct 21 j 11:21	6°♊19'08	
	-1527 Nov 21 j 08:26	30°℞♉	
min. Earth dist.	-1527 Nov 27 j 15:51	27°♉32'21	0.64894 AU
opposition	-1527 Nov 30 j 13:09	26°♉22'46	2°39'31
greatest brilliancy	-1527 Nov 30 j 05:25	26°♉30'33	-1.4m
direct	-1526 Jan 08 j 17:36	17°♉03'26	
	-1526 Mar 02 j 15:13	0°♊	
	-1526 May 01 j 12:48	0°♋	
	-1526 Jun 20 j 18:24	0°♌	
	-1526 Aug 05 j 16:31	0°♍	
	-1526 Sep 17 j 11:49	0°♎	
evening set	-1526 Oct 02 j 10:47	10°♎55'19	
desc. node	-1526 Oct 04 j 17:55	12°♎37'08	
max. Earth dist.	-1526 Oct 24 j 11:33	27°♎22'54	2.40470 AU
	-1526 Oct 27 j 22:28	0°♏	
conjunction	-1526 Nov 29 j 12:50	25°♏06'04	-0°36'10
minimum elong	-1526 Nov 29 j 10:25	25°♏01'22	0°36'09
	-1526 Dec 05 j 19:28	0°♐	
	-1525 Jan 12 j 23:34	0°♑	
morning rise	-1525 Feb 04 j 04:11	17°♑25'16	
	-1525 Feb 20 j 08:06	0°♒	
	-1525 Mar 31 j 18:05	0°♓	
	-1525 May 12 j 01:23	0°♈	
	-1525 Jun 25 j 02:03	0°♉	
asc. node	-1525 Aug 07 j 10:28	27°♉08'02	
	-1525 Aug 12 j 07:25	0°♊	
	-1525 Oct 10 j 13:15	0°♋	
retrograde	-1525 Nov 25 j 01:40	10°♋22'17	
opposition	-1524 Jan 03 j 21:55	0°♋48'57	4°19'38
greatest brilliancy	-1524 Jan 03 j 23:44	0°♋47'09	-1.3m
min. Earth dist.	-1524 Jan 04 j 20:43	0°♋26'15	0.67425 AU

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1524 Jan 05 j 23:04	30℞♊	
direct	-1524 Feb 13 j 20:29	20°♊54'51	
	-1524 Mar 27 j 16:34	0°♋	
	-1524 May 27 j 19:48	0°♌	
	-1524 Jul 15 j 05:11	0°♍	
desc. node	-1524 Aug 21 j 16:14	25°♍40'51	
	-1524 Aug 27 j 17:28	0°♎	
	-1524 Oct 07 j 06:29	0°♏	
	-1524 Nov 15 j 01:03	0°♐	
evening set	-1524 Dec 03 j 00:23	14°♐08'36	
	-1524 Dec 23 j 02:34	0°♑	
	-1523 Jan 30 j 10:22	0°♒	
conjunction	-1523 Feb 07 j 16:49	6°♒22'50	-1°04'13
minimum elong	-1523 Feb 07 j 18:18	6°♒25'39	1°04'14
	-1523 Mar 10 j 21:15	0°♓	
max. Earth dist.	-1523 Mar 30 j 00:04	14°♓05'08	2.43390 AU
morning rise	-1523 Apr 14 j 05:45	25°♓04'49	
	-1523 Apr 21 j 03:42	0°♈	
	-1523 Jun 03 j 16:35	0°♉	
asc. node	-1523 Jun 24 j 10:13	13°♉42'13	
	-1523 Jul 19 j 20:28	0°♊	
	-1523 Sep 07 j 12:17	0°♋	
	-1523 Nov 04 j 15:06	0°♌	
retrograde	-1523 Dec 30 j 16:14	14°♌25'24	
opposition	-1522 Feb 07 j 04:28	5°♌37'55	4°42'35
greatest brilliancy	-1522 Feb 07 j 22:27	5°♌20'29	-1.5m
min. Earth dist.	-1522 Feb 11 j 24:00	3°♌46'02	0.63438 AU
	-1522 Feb 22 j 11:20	30℞♋	
direct	-1522 Mar 20 j 10:59	25°♋38'36	
	-1522 Apr 17 j 06:10	0°♌	
	-1522 Jun 20 j 07:53	0°♍	
desc. node	-1522 Jul 09 j 15:23	11°♍54'21	
	-1522 Aug 05 j 18:40	0°♎	
	-1522 Sep 16 j 07:04	0°♏	
	-1522 Oct 25 j 11:18	0°♐	
	-1522 Dec 02 j 19:14	0°♑	
	-1521 Jan 10 j 10:09	0°♒	
evening set	-1521 Feb 09 j 23:36	23°♒08'07	
	-1521 Feb 19 j 05:38	0°♓	
	-1521 Apr 01 j 20:38	0°♈	
conjunction	-1521 Apr 10 j 14:49	6°♈07'49	-0°18'55
minimum elong	-1521 Apr 10 j 15:54	6°♈09'43	0°18'54
max. Earth dist.	-1521 May 12 j 08:23	27°♈50'44	2.56094 AU
asc. node	-1521 May 12 j 09:05	27°♈51'55	
	-1521 May 15 j 13:21	0°♉	
morning rise	-1521 Jun 03 j 21:59	12°♉51'34	
	-1521 Jun 30 j 06:23	0°♊	
	-1521 Aug 16 j 19:40	0°♋	
	-1521 Oct 05 j 13:52	0°♌	
	-1521 Nov 29 j 08:26	0°♍	
retrograde	-1520 Feb 13 j 10:57	23°♍44'30	
opposition	-1520 Mar 20 j 04:34	16°♍14'26	3°11'29
greatest brilliancy	-1520 Mar 21 j 04:36	15°♍52'46	-2.0m
min. Earth dist.	-1520 Mar 28 j 05:30	13°♍20'53	0.53274 AU
direct	-1520 Apr 28 j 13:58	7°♍05'37	
desc. node	-1520 May 26 j 14:48	11°♍53'16	
	-1520 Jul 05 j 06:21	0°♎	
	-1520 Aug 21 j 03:10	0°♏	
	-1520 Oct 01 j 07:23	0°♐	
	-1520 Nov 09 j 19:37	0°♑	
	-1520 Dec 19 j 09:19	0°♒	
	-1519 Jan 29 j 01:40	0°♓	
	-1519 Mar 12 j 11:23	0°♈	
asc. node	-1519 Mar 29 j 06:45	11°♈32'01	
evening set	-1519 Apr 04 j 11:33	15°♈44'21	
	-1519 Apr 25 j 18:12	0°♉	
conjunction	-1519 May 25 j 23:38	19°♉51'10	0°32'10
minimum elong	-1519 May 25 j 22:26	19°♉49'14	0°32'10
max. Earth dist.	-1519 Jun 08 j 10:00	28°♉33'07	2.64391 AU
	-1519 Jun 10 j 15:53	0°♊	
morning rise	-1519 Jul 12 j 17:11	20°♊31'19	
	-1519 Jul 27 j 15:21	0°♋	
	-1519 Sep 13 j 05:10	0°♌	
	-1519 Oct 31 j 09:05	0°♍	
	-1519 Dec 20 j 01:55	0°♎	
	-1518 Feb 13 j 11:17	0°♏	
desc. node	-1518 Apr 13 j 13:46	18°♏04'13	
retrograde	-1518 Apr 17 j 07:06	18°♏09'16	
opposition	-1518 May 18 j 16:19	12°♏40'25	-2°17'31
greatest brilliancy	-1518 May 19 j 04:04	12°♏31'52	-2.7m
min. Earth dist.	-1518 May 24 j 23:30	10°♏50'53	0.40591 AU
direct	-1518 Jun 21 j 00:53	6°♏21'01	
	-1518 Aug 26 j 23:43	0°♐	
	-1518 Oct 12 j 15:39	0°♑	
	-1518 Nov 24 j 20:04	0°♒	
	-1517 Jan 06 j 22:34	0°♓	
asc. node	-1517 Feb 14 j 05:42	26°♓04'02	
	-1517 Feb 20 j 02:31	0°♈	
	-1517 Apr 06 j 14:57	0°♉	
evening set	-1517 May 17 j 14:35	26°♉23'55	
	-1517 May 23 j 05:49	0°♊	
max. Earth dist.	-1517 Jul 02 j 03:53	25°♊26'14	2.67322 AU
conjunction	-1517 Jul 03 j 21:58	26°♊33'15	1°03'18
minimum elong	-1517 Jul 03 j 20:59	26°♊31'41	1°03'19
	-1517 Jul 09 j 07:47	0°♋	
morning rise	-1517 Aug 17 j 22:29	25°♋20'45	
	-1517 Aug 25 j 03:55	0°♌	
	-1517 Oct 10 j 06:58	0°♍	
	-1517 Nov 24 j 14:06	0°♎	
	-1516 Jan 08 j 06:29	0°♏	
	-1516 Feb 21 j 21:09	0°♐	
desc. node	-1516 Feb 29 j 13:33	5°♐06'50	
	-1516 Apr 08 j 01:52	0°♑	
	-1516 Jun 05 j 01:56	0°♒	
retrograde	-1516 Jul 04 j 09:47	5°♒29'55	
min. Earth dist.	-1516 Jul 31 j 03:04	1°♒01'16	0.39518 AU
	-1516 Aug 03 j 15:06	30℞♑	
opposition	-1516 Aug 05 j 23:18	29°♑18'34	-6°36'08
greatest brilliancy	-1516 Aug 04 j 18:29	29°♑39'49	-2.8m
direct	-1516 Sep 05 j 04:09	23°♑58'22	
	-1516 Oct 07 j 05:11	0°♒	
	-1516 Dec 07 j 13:22	0°♓	
asc. node	-1515 Jan 01 j 05:06	14°♓32'38	
	-1515 Jan 26 j 14:28	0°♈	
	-1515 Mar 16 j 02:13	0°♉	
	-1515 May 03 j 07:09	0°♊	
	-1515 Jun 20 j 01:37	0°♋	
evening set	-1515 Jun 23 j 23:15	2°♋28'21	
max. Earth dist.	-1515 Jul 25 j 03:07	22°♋24'15	2.64841 AU
	-1515 Aug 05 j 20:23	0°♌	
conjunction	-1515 Aug 09 j 00:54	2°♌04'34	1°09'10
minimum elong	-1515 Aug 09 j 01:18	2°♌05'14	1°09'11
	-1515 Sep 20 j 04:14	0°♍	
morning rise	-1515 Sep 23 j 11:26	2°♍13'42	
	-1515 Nov 02 j 20:42	0°♎	
	-1515 Dec 15 j 00:43	0°♏	
desc. node	-1514 Jan 16 j 13:06	23°♏45'14	
	-1514 Jan 24 j 23:59	0°♐	
	-1514 Mar 06 j 08:21	0°♑	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1514 Apr 16 j 01:55	0°♒	
	-1514 May 29 j 07:11	0°♓	
	-1514 Jul 22 j 03:41	0°♈	
retrograde	-1514 Aug 29 j 02:08	8°♈49'02	
min. Earth dist.	-1514 Sep 28 j 10:30	2°♈29'35	0.51485 AU
greatest brilliancy	-1514 Oct 05 j 12:23	29°♓50'47	-2.1m
	-1514 Oct 05 j 02:34	30°℞♓	
opposition	-1514 Oct 06 j 01:21	29°♓38'37	-2°06'28
direct	-1514 Nov 09 j 16:01	22°♓06'02	
asc. node	-1514 Nov 19 j 03:56	22°♓40'13	
	-1514 Dec 18 j 05:25	0°♈	
	-1513 Feb 19 j 06:25	0°♉	
	-1513 Apr 12 j 16:23	0°♊	
	-1513 Jun 01 j 04:04	0°♋	
	-1513 Jul 18 j 12:02	0°♌	
evening set	-1513 Aug 01 j 07:53	9°♌01'58	
max. Earth dist.	-1513 Aug 21 j 01:23	22°♌09'34	2.57169 AU
	-1513 Sep 01 j 15:24	0°♍	
conjunction	-1513 Sep 18 j 03:03	11°♍20'23	0°45'24
minimum elong	-1513 Sep 18 j 04:32	11°♍22'56	0°45'24
	-1513 Oct 14 j 14:35	0°♎	
morning rise	-1513 Nov 07 j 02:12	17°♎00'12	
	-1513 Nov 24 j 16:19	0°♏	
desc. node	-1513 Dec 04 j 11:19	7°♏19'33	
	-1512 Jan 03 j 08:15	0°♐	
	-1512 Feb 11 j 06:27	0°♑	
	-1512 Mar 21 j 06:51	0°♒	
	-1512 Apr 30 j 10:41	0°♓	
	-1512 Jun 12 j 07:13	0°♈	
	-1512 Jul 31 j 12:44	0°♉	
asc. node	-1512 Oct 06 j 03:12	22°♉12'34	
retrograde	-1512 Oct 07 j 13:16	22°♉13'23	
min. Earth dist.	-1512 Nov 12 j 01:07	14°♉00'43	0.62182 AU
opposition	-1512 Nov 16 j 09:26	12°♉16'28	1°39'16
greatest brilliancy	-1512 Nov 16 j 02:19	12°♉23'34	-1.6m
direct	-1512 Dec 24 j 13:07	3°♉18'43	
	-1511 Mar 16 j 21:55	0°♊	
	-1511 May 10 j 09:56	0°♋	
	-1511 Jun 28 j 09:18	0°♌	
	-1511 Aug 12 j 22:28	0°♍	
evening set	-1511 Sep 12 j 16:08	21°♍23'07	
	-1511 Sep 24 j 16:43	0°♎	
max. Earth dist.	-1511 Sep 27 j 23:10	2°♎21'51	2.45335 AU
desc. node	-1511 Oct 21 j 10:15	19°♎37'22	
	-1511 Nov 04 j 05:51	0°♏	
conjunction	-1511 Nov 05 j 16:54	1°♏06'20	-0°10'15
minimum elong	-1511 Nov 05 j 16:15	1°♏05'05	0°10'16
behind sun begin	-1511 Nov 04 j 21:05	0°♏28'50	
behind sun end	-1511 Nov 06 j 11:24	1°♏41'22	
	-1511 Dec 13 j 06:23	0°♐	
morning rise	-1510 Jan 06 j 02:02	18°♐37'49	
	-1510 Jan 20 j 13:42	0°♑	
	-1510 Feb 28 j 00:35	0°♒	
	-1510 Apr 08 j 12:22	0°♓	
	-1510 May 19 j 23:14	0°♈	
	-1510 Jul 03 j 12:16	0°♉	
	-1510 Aug 22 j 17:49	0°♊	
asc. node	-1510 Aug 24 j 02:30	0°♊44'06	
retrograde	-1510 Nov 11 j 15:47	27°♊33'38	
opposition	-1510 Dec 21 j 17:08	17°♊48'22	3°49'44
min. Earth dist.	-1510 Dec 21 j 03:38	18°♊01'54	0.67216 AU
greatest brilliancy	-1510 Dec 21 j 13:48	17°♊51'43	-1.3m
direct	-1509 Jan 31 j 02:45	8°♊04'38	
	-1509 Apr 13 j 17:34	0°♋	
	-1509 Jun 07 j 03:17	0°♌	
	-1509 Jul 24 j 05:37	0°♍	
	-1509 Sep 05 j 08:49	0°♎	
desc. node	-1509 Sep 08 j 10:04	2°♎12'16	
	-1509 Oct 15 j 19:43	0°♏	
evening set	-1509 Nov 07 j 12:29	17°♏27'14	
	-1509 Nov 23 j 14:12	0°♐	
	-1509 Dec 31 j 15:36	0°♑	
conjunction	-1508 Jan 11 j 08:47	8°♑26'40	-1°04'05
minimum elong	-1508 Jan 11 j 07:17	8°♑23'41	1°04'05
	-1508 Feb 07 j 22:34	0°♒	
max. Earth dist.	-1508 Feb 20 j 00:36	9°♒19'29	2.38506 AU
	-1508 Mar 18 j 07:44	0°♓	
morning rise	-1508 Mar 20 j 06:58	1°♓28'04	
	-1508 Apr 28 j 12:42	0°♈	
	-1508 Jun 11 j 03:07	0°♉	
asc. node	-1508 Jul 11 j 00:47	19°♉30'04	
	-1508 Jul 27 j 18:13	0°♊	
	-1508 Sep 17 j 06:27	0°♋	
	-1508 Dec 02 j 06:25	0°♌	
retrograde	-1508 Dec 15 j 21:58	1°♌05'24	
	-1508 Dec 28 j 23:18	30°℞♋	
opposition	-1507 Jan 24 j 01:55	21°♋57'10	4°43'40
greatest brilliancy	-1507 Jan 24 j 13:30	21°♋45'48	-1.4m
min. Earth dist.	-1507 Jan 27 j 09:17	20°♋39'13	0.65788 AU
direct	-1507 Mar 06 j 09:51	11°♋55'41	
	-1507 May 08 j 09:29	0°♌	
	-1507 Jun 30 j 17:10	0°♍	
desc. node	-1507 Jul 26 j 08:36	16°♍44'45	
	-1507 Aug 14 j 12:54	0°♎	
	-1507 Sep 24 j 12:44	0°♏	
	-1507 Nov 02 j 11:23	0°♐	
	-1507 Dec 10 j 15:17	0°♑	
evening set	-1506 Jan 15 j 04:14	27°♑45'28	
	-1506 Jan 18 j 01:56	0°♒	
	-1506 Feb 26 j 16:27	0°♓	
conjunction	-1506 Mar 19 j 17:29	15°♓25'37	-0°40'24
minimum elong	-1506 Mar 19 j 19:49	15°♓29'50	0°40'23
	-1506 Apr 09 j 02:24	0°♈	
max. Earth dist.	-1506 Apr 28 j 20:05	13°♈47'03	2.51478 AU
morning rise	-1506 May 17 j 01:17	26°♈13'30	
	-1506 May 22 j 15:43	0°♉	
asc. node	-1506 May 29 j 00:22	4°♉15'29	
	-1506 Jul 07 j 10:00	0°♊	
	-1506 Aug 24 j 11:41	0°♋	
	-1506 Oct 15 j 00:47	0°♌	
	-1506 Dec 17 j 18:49	0°♍	
retrograde	-1505 Jan 25 j 12:58	7°♍34'05	
	-1505 Mar 02 j 03:51	30°℞♌	
opposition	-1505 Mar 03 j 13:26	29°♌28'46	4°05'45
greatest brilliancy	-1505 Mar 04 j 14:16	29°♌05'32	-1.7m
min. Earth dist.	-1505 Mar 10 j 12:47	26°♌52'22	0.57897 AU
direct	-1505 Apr 13 j 00:58	19°♌50'05	
	-1505 May 26 j 05:06	0°♍	
desc. node	-1505 Jun 13 j 06:38	8°♍28'37	
	-1505 Jul 20 j 01:56	0°♎	
	-1505 Sep 01 j 14:58	0°♏	
	-1505 Oct 11 j 15:53	0°♐	
	-1505 Nov 19 j 12:39	0°♑	
	-1505 Dec 28 j 14:24	0°♒	
	-1504 Feb 06 j 20:05	0°♓	
evening set	-1504 Mar 16 j 00:05	27°♓18'48	
	-1504 Mar 19 j 20:19	0°♈	
asc. node	-1504 Apr 14 j 23:46	17°♈59'34	
	-1504 May 02 j 19:45	0°♉	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

conjunction	-1504 May 09 j 05:02	4°♉15'12	0°14'09
minimum elong	-1504 May 09 j 04:22	4°♉14'07	0°14'10
behind sun begin	-1504 May 08 j 18:50	3°♉58'16	
behind sun end	-1504 May 09 j 13:55	4°♉29'57	
max. Earth dist.	-1504 May 29 j 06:57	17°♉28'49	2.61745 AU
	-1504 Jun 17 j 13:41	0°♊	
morning rise	-1504 Jun 27 j 23:27	6°♊41'44	
	-1504 Aug 03 j 15:43	0°♋	
	-1504 Sep 20 j 19:31	0°♌	
	-1504 Nov 09 j 12:51	0°♍	
	-1503 Jan 02 j 17:31	0°♎	
retrograde	-1503 Mar 20 j 03:46	24°♎20'17	
opposition	-1503 Apr 22 j 09:36	18°♎00'53	0°28'03
greatest brilliancy	-1503 Apr 22 j 13:54	17°♎57'24	-2.4m
desc. node	-1503 Apr 30 j 06:22	15°♎28'23	
min. Earth dist.	-1503 Apr 30 j 15:20	15°♎21'22	0.45221 AU
direct	-1503 May 28 j 15:49	10°♎20'06	
	-1503 Jul 27 j 18:25	0°♏	
	-1503 Sep 12 j 22:33	0°♐	
	-1503 Oct 24 j 20:16	0°♑	
	-1503 Dec 04 j 21:57	0°♒	
	-1502 Jan 15 j 17:12	0°♓	
	-1502 Feb 27 j 23:41	0°♈	
asc. node	-1502 Mar 02 j 21:41	1°♈58'52	
	-1502 Apr 13 j 21:36	0°♉	
evening set	-1502 May 01 j 16:09	11°♉36'35	
	-1502 May 30 j 03:47	0°♊	
conjunction	-1502 Jun 19 j 05:35	12°♊51'06	0°54'00
minimum elong	-1502 Jun 19 j 04:18	12°♊49'05	0°54'01
max. Earth dist.	-1502 Jun 23 j 04:28	15°♊22'32	2.66816 AU
	-1502 Jul 16 j 03:03	0°♋	
morning rise	-1502 Aug 03 j 22:41	11°♋59'22	
	-1502 Sep 01 j 03:43	0°♌	
	-1502 Oct 17 j 20:45	0°♍	
	-1502 Dec 03 j 07:36	0°♎	
	-1501 Jan 19 j 02:11	0°♏	
	-1501 Mar 08 j 21:06	0°♐	
desc. node	-1501 Mar 18 j 06:12	5°♐24'19	
	-1501 May 10 j 02:49	0°♑	
retrograde	-1501 Jun 06 j 02:01	4°♑25'04	
	-1501 Jul 03 j 22:49	30°℞♐	
min. Earth dist.	-1501 Jul 05 j 06:44	29°♐38'51	0.37567 AU
opposition	-1501 Jul 06 j 15:07	29°♐17'19	-6°24'33
greatest brilliancy	-1501 Jul 06 j 07:34	29°♐22'21	-2.9m
direct	-1501 Aug 05 j 07:54	24°♐20'20	
	-1501 Sep 04 j 22:26	0°♑	
	-1501 Nov 03 j 12:09	0°♒	
	-1501 Dec 21 j 11:31	0°♓	
asc. node	-1500 Jan 18 j 20:24	18°♓14'32	
	-1500 Feb 06 j 03:00	0°♈	
	-1500 Mar 24 j 01:54	0°♉	
	-1500 May 10 j 12:11	0°♊	
evening set	-1500 Jun 09 j 06:48	18°♊48'30	
	-1500 Jun 26 j 22:18	0°♋	
max. Earth dist.	-1500 Jul 15 j 14:21	11°♋54'22	2.66450 AU
conjunction	-1500 Jul 25 j 12:10	18°♋15'46	1°10'08
minimum elong	-1500 Jul 25 j 11:59	18°♋15'28	1°10'09
	-1500 Aug 12 j 16:15	0°♌	
morning rise	-1500 Sep 08 j 09:26	17°♌29'01	
	-1500 Sep 27 j 05:40	0°♍	
	-1500 Nov 10 j 09:54	0°♎	
	-1500 Dec 23 j 07:18	0°♏	
desc. node	-1499 Feb 02 j 05:15	29°♏17'16	
	-1499 Feb 03 j 04:56	0°♐	
	-1499 Mar 16 j 17:44	0°♑	
	-1499 Apr 28 j 07:53	0°♒	
	-1499 Jun 15 j 15:01	0°♓	
retrograde	-1499 Aug 09 j 23:39	17°♓28'12	
min. Earth dist.	-1499 Sep 07 j 05:39	12°♓01'23	0.46392 AU
greatest brilliancy	-1499 Sep 14 j 07:30	9°♓33'06	-2.4m
opposition	-1499 Sep 15 j 09:02	9°♓10'43	-4°01'29
direct	-1499 Oct 18 j 04:02	2°♓27'22	
asc. node	-1499 Dec 05 j 19:57	14°♓32'08	
	-1498 Jan 07 j 01:21	0°♈	
	-1498 Mar 01 j 13:09	0°♉	
	-1498 Apr 20 j 17:45	0°♊	
	-1498 Jun 08 j 09:12	0°♋	
evening set	-1498 Jul 17 j 02:24	24°♋35'57	
	-1498 Jul 25 j 10:30	0°♌	
max. Earth dist.	-1498 Aug 09 j 22:18	10°♌08'27	2.60775 AU
conjunction	-1498 Sep 01 j 19:17	25°♌23'40	0°58'29
minimum elong	-1498 Sep 01 j 20:30	25°♌25'44	0°58'29
	-1498 Sep 08 j 14:38	0°♍	
morning rise	-1498 Oct 19 j 08:16	28°♍15'16	
	-1498 Oct 21 j 19:21	0°♎	
	-1498 Dec 02 j 05:27	0°♏	
desc. node	-1498 Dec 21 j 05:08	14°♏07'02	
	-1497 Jan 11 j 06:58	0°♐	
	-1497 Feb 19 j 14:42	0°♑	
	-1497 Mar 31 j 01:09	0°♒	
	-1497 May 10 j 19:48	0°♓	
	-1497 Jun 24 j 05:03	0°♈	
	-1497 Aug 20 j 15:41	0°♉	
retrograde	-1497 Sep 23 j 20:45	6°♉57'55	
asc. node	-1497 Oct 23 j 18:28	0°♉49'28	
	-1497 Oct 25 j 22:49	30°℞♈	
min. Earth dist.	-1497 Oct 27 j 11:37	29°♈24'25	0.58582 AU
opposition	-1497 Nov 02 j 05:27	27°♈08'29	0°24'36
greatest brilliancy	-1497 Nov 02 j 03:07	27°♈10'46	-1.8m
direct	-1497 Dec 09 j 03:38	18°♈38'01	
	-1496 Jan 26 j 14:26	0°♉	
	-1496 Mar 27 j 18:01	0°♊	
	-1496 May 18 j 13:18	0°♋	
	-1496 Jul 05 j 17:10	0°♌	
	-1496 Aug 20 j 01:10	0°♍	
evening set	-1496 Aug 25 j 18:27	3°♍54'49	
max. Earth dist.	-1496 Sep 10 j 02:29	14°♍32'57	2.50347 AU
	-1496 Oct 01 j 20:40	0°♎	
conjunction	-1496 Oct 15 j 15:09	9°♎59'29	0°14'45
minimum elong	-1496 Oct 15 j 15:55	10°♎00'53	0°14'44
behind sun begin	-1496 Oct 15 j 06:14	9°♎43'12	
behind sun end	-1496 Oct 16 j 01:36	10°♎18'35	
desc. node	-1496 Nov 07 j 03:55	26°♎40'49	
	-1496 Nov 11 j 14:02	0°♏	
morning rise	-1496 Dec 10 j 14:36	22°♏06'42	
	-1496 Dec 20 j 19:42	0°♐	
	-1495 Jan 28 j 07:32	0°♑	
	-1495 Mar 07 j 21:55	0°♒	
	-1495 Apr 16 j 13:03	0°♓	
	-1495 May 28 j 06:39	0°♈	
	-1495 Jul 12 j 17:39	0°♉	
	-1495 Sep 05 j 05:18	0°♊	
asc. node	-1495 Sep 09 j 17:17	2°♊00'30	
retrograde	-1495 Oct 29 j 07:03	14°♊30'27	
min. Earth dist.	-1495 Dec 06 j 08:09	5°♊26'28	0.65994 AU
opposition	-1495 Dec 08 j 09:40	4°♊36'41	3°08'55
greatest brilliancy	-1495 Dec 08 j 02:49	4°♊43'35	-1.4m
	-1495 Dec 20 j 12:42	30°℞♉	
direct	-1494 Jan 17 j 01:37	25°♉07'25	
	-1494 Feb 16 j 11:40	0°♊	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1494 Apr 25 j 02:53	0°♋	
	-1494 Jun 15 j 12:43	0°♌	
	-1494 Jul 31 j 20:08	0°♍	
	-1494 Sep 12 j 18:22	0°♎	
desc. node	-1494 Sep 25 j 02:21	8°♎58'46	
evening set	-1494 Oct 14 j 16:51	23°♎33'28	
	-1494 Oct 23 j 05:25	0°♏	
max. Earth dist.	-1494 Nov 18 j 04:18	19°♏56'49	2.38269 AU
	-1494 Dec 01 j 01:43	0°♐	
conjunction	-1494 Dec 14 j 07:18	10°♐23'07	-0°49'12
minimum elong	-1494 Dec 14 j 04:23	10°♐17'23	0°49'12
	-1493 Jan 08 j 04:44	0°♑	
	-1493 Feb 15 j 12:20	0°♒	
morning rise	-1493 Feb 20 j 21:42	4°♒10'08	
	-1493 Mar 26 j 21:16	0°♓	
	-1493 May 07 j 02:18	0°♈	
	-1493 Jun 19 j 21:00	0°♉	
asc. node	-1493 Jul 28 j 17:22	24°♉48'08	
	-1493 Aug 06 j 06:57	0°♊	
	-1493 Sep 30 j 07:04	0°♋	
retrograde	-1493 Dec 02 j 21:53	18°♋09'47	
opposition	-1492 Jan 11 j 13:10	8°♋44'29	4°31'51
greatest brilliancy	-1492 Jan 11 j 18:18	8°♋39'22	-1.3m
min. Earth dist.	-1492 Jan 13 j 08:07	8°♋01'50	0.67121 AU
	-1492 Feb 07 j 21:29	30°℞♊	
direct	-1492 Feb 21 j 16:17	28°♊46'22	
	-1492 Mar 07 j 04:16	0°♋	
	-1492 May 21 j 01:53	0°♌	
	-1492 Jul 09 j 18:35	0°♍	
desc. node	-1492 Aug 12 j 01:07	22°♍28'27	
	-1492 Aug 22 j 16:40	0°♎	
	-1492 Oct 02 j 09:16	0°♏	
	-1492 Nov 10 j 05:04	0°♐	
evening set	-1492 Dec 18 j 15:16	0°♑16'27	
	-1492 Dec 18 j 06:55	0°♑	
	-1491 Jan 25 j 15:06	0°♒	
conjunction	-1491 Feb 22 j 22:38	21°♒38'17	-0°58'05
minimum elong	-1491 Feb 23 j 01:06	21°♒42'55	0°58'05
	-1491 Mar 06 j 02:28	0°♓	
max. Earth dist.	-1491 Apr 11 j 14:24	26°♓36'14	2.46350 AU
	-1491 Apr 16 j 09:05	0°♈	
morning rise	-1491 Apr 26 j 22:00	7°♈25'02	
	-1491 May 29 j 20:52	0°♉	
asc. node	-1491 Jun 14 j 16:35	10°♉31'27	
	-1491 Jul 14 j 19:12	0°♊	
	-1491 Sep 01 j 16:34	0°♋	
	-1491 Oct 26 j 09:06	0°♌	
retrograde	-1490 Jan 08 j 16:14	22°♌51'10	
opposition	-1490 Feb 15 j 16:55	14°♌17'13	4°34'26
greatest brilliancy	-1490 Feb 16 j 13:58	13°♌57'01	-1.5m
min. Earth dist.	-1490 Feb 21 j 07:35	12°♌08'05	0.61726 AU
direct	-1490 Mar 28 j 18:50	4°♌22'24	
	-1490 Jun 12 j 12:34	0°♍	
desc. node	-1490 Jun 29 j 23:48	10°♍09'00	
	-1490 Jul 30 j 18:51	0°♎	
	-1490 Sep 10 j 20:48	0°♏	
	-1490 Oct 20 j 07:08	0°♐	
	-1490 Nov 27 j 18:29	0°♑	
	-1489 Jan 05 j 12:03	0°♒	
	-1489 Feb 14 j 09:52	0°♓	
evening set	-1489 Feb 23 j 08:26	6°♓33'11	
	-1489 Mar 28 j 02:44	0°♈	
conjunction	-1489 Apr 21 j 21:36	17°♈10'08	-0°06'26
minimum elong	-1489 Apr 21 j 21:57	17°♈10'44	0°06'25
behind sun begin	-1489 Apr 21 j 00:51	16°♈34'40	
behind sun end	-1489 Apr 22 j 19:04	17°♈46'46	
asc. node	-1489 May 02 j 15:04	24°♈27'29	
	-1489 May 10 j 20:41	0°♉	
max. Earth dist.	-1489 May 19 j 06:37	5°♉37'08	2.58318 AU
morning rise	-1489 Jun 13 j 08:52	22°♉07'22	
	-1489 Jun 25 j 12:46	0°♊	
	-1489 Aug 11 j 20:24	0°♋	
	-1489 Sep 29 j 21:03	0°♌	
	-1489 Nov 21 j 03:45	0°♍	
	-1488 Jan 27 j 23:03	0°♎	
retrograde	-1488 Feb 25 j 10:47	4°♎21'24	
	-1488 Mar 23 j 00:46	30°℞♍	
opposition	-1488 Mar 31 j 08:13	27°♍14'22	2°24'18
greatest brilliancy	-1488 Apr 01 j 04:05	26°♍56'58	-2.1m
min. Earth dist.	-1488 Apr 08 j 16:50	24°♍19'12	0.50443 AU
direct	-1488 May 08 j 19:16	18°♍30'43	
desc. node	-1488 May 16 j 22:05	18°♍57'26	
	-1488 Jun 22 j 15:26	0°♎	
	-1488 Aug 13 j 11:54	0°♏	
	-1488 Sep 24 j 22:00	0°♐	
	-1488 Nov 04 j 00:30	0°♑	
	-1488 Dec 13 j 23:41	0°♒	
	-1487 Jan 23 j 23:17	0°♓	
	-1487 Mar 07 j 14:24	0°♈	
asc. node	-1487 Mar 19 j 13:52	8°♈12'07	
evening set	-1487 Apr 14 j 17:27	25°♈48'09	
	-1487 Apr 21 j 01:10	0°♉	
conjunction	-1487 Jun 04 j 00:32	28°♉42'22	0°41'08
minimum elong	-1487 Jun 03 j 23:13	28°♉40'15	0°41'09
	-1487 Jun 06 j 00:43	0°♊	
max. Earth dist.	-1487 Jun 14 j 00:22	5°♊08'05	2.65484 AU
morning rise	-1487 Jul 20 j 21:18	28°♊40'33	
	-1487 Jul 22 j 23:17	0°♋	
	-1487 Sep 08 j 07:26	0°♌	
	-1487 Oct 25 j 20:18	0°♍	
	-1487 Dec 13 j 01:23	0°♎	
	-1486 Feb 01 j 18:58	0°♏	
desc. node	-1486 Apr 03 j 22:44	28°♏40'50	
	-1486 Apr 08 j 07:02	0°♐	
retrograde	-1486 May 04 j 23:16	4°♐04'10	
	-1486 May 31 j 15:20	30°℞♏	
opposition	-1486 Jun 04 j 12:33	28°♏56'47	-4°03'02
greatest brilliancy	-1486 Jun 05 j 00:48	28°♏48'20	-2.9m
min. Earth dist.	-1486 Jun 08 j 13:46	27°♏49'50	0.38709 AU
direct	-1486 Jul 06 j 06:21	23°♏20'11	
	-1486 Aug 07 j 22:20	0°♐	
	-1486 Oct 03 j 04:42	0°♑	
	-1486 Nov 17 j 16:35	0°♒	
	-1486 Dec 31 j 22:26	0°♓	
asc. node	-1485 Feb 04 j 11:52	23°♓11'22	
	-1485 Feb 14 j 18:16	0°♈	
	-1485 Apr 01 j 16:39	0°♉	
	-1485 May 18 j 13:09	0°♊	
evening set	-1485 May 26 j 09:03	4°♊58'46	
	-1485 Jul 04 j 17:23	0°♋	
max. Earth dist.	-1485 Jul 07 j 10:48	1°♋44'12	2.67249 AU
conjunction	-1485 Jul 12 j 04:05	4°♋44'46	1°06'56
minimum elong	-1485 Jul 12 j 03:23	4°♋43'38	1°06'57
	-1485 Aug 20 j 12:31	0°♌	
morning rise	-1485 Aug 25 j 23:58	3°♌32'45	
	-1485 Oct 05 j 10:14	0°♍	
	-1485 Nov 19 j 06:46	0°♎	
	-1484 Jan 02 j 05:02	0°♏	
	-1484 Feb 14 j 14:00	0°♐	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

desc. node	-1484 Feb 19 j 22:53	3°♐43'06	
	-1484 Mar 29 j 08:23	0°♑	
	-1484 May 15 j 20:41	0°♒	
retrograde	-1484 Jul 18 j 17:55	22°♒07'39	
min. Earth dist.	-1484 Aug 14 j 13:18	17°♒26'01	0.41586 AU
greatest brilliancy	-1484 Aug 20 j 11:40	15°♒34'03	-2.6m
opposition	-1484 Aug 21 j 20:04	15°♒08'25	-5°53'07
direct	-1484 Sep 21 j 18:14	9°♒20'38	
	-1484 Nov 26 j 22:05	0°♓	
asc. node	-1484 Dec 22 j 10:30	13°♓38'39	
	-1483 Jan 19 j 18:35	0°♈	
	-1483 Mar 10 j 13:11	0°♉	
	-1483 Apr 28 j 08:08	0°♊	
	-1483 Jun 15 j 09:15	0°♋	
evening set	-1483 Jul 02 j 08:49	10°♋45'49	
max. Earth dist.	-1483 Jul 30 j 18:40	29°♋02'04	2.63612 AU
	-1483 Aug 01 j 06:18	0°♌	
conjunction	-1483 Aug 17 j 12:30	10°♌38'34	1°06'35
minimum elong	-1483 Aug 17 j 13:15	10°♌39'48	1°06'35
	-1483 Sep 15 j 12:50	0°♍	
morning rise	-1483 Oct 02 j 12:04	11°♍33'22	
	-1483 Oct 29 j 01:09	0°♎	
	-1483 Dec 09 j 22:27	0°♏	
desc. node	-1482 Jan 06 j 21:14	20°♏33'51	
	-1482 Jan 19 j 13:20	0°♐	
	-1482 Feb 28 j 11:20	0°♑	
	-1482 Apr 09 j 14:33	0°♒	
	-1482 May 21 j 13:38	0°♓	
	-1482 Jul 08 j 14:39	0°♈	
retrograde	-1482 Sep 07 j 22:40	19°♈56'49	
min. Earth dist.	-1482 Oct 09 j 11:36	13°♈09'11	0.54156 AU
opposition	-1482 Oct 16 j 11:59	10°♈27'42	-1°06'36
greatest brilliancy	-1482 Oct 16 j 05:34	10°♈33'52	-2.0m
asc. node	-1482 Nov 09 j 10:12	3°♈26'04	
direct	-1482 Nov 20 j 23:34	2°♈32'11	
	-1481 Feb 11 j 13:12	0°♉	
	-1481 Apr 07 j 00:28	0°♊	
	-1481 May 27 j 04:55	0°♋	
	-1481 Jul 13 j 19:43	0°♌	
evening set	-1481 Aug 10 j 07:26	18°♌02'51	
max. Earth dist.	-1481 Aug 28 j 03:30	0°♍04'20	2.54901 AU
	-1481 Aug 28 j 00:58	0°♍	
conjunction	-1481 Sep 27 j 23:32	21°♍28'14	0°35'36
minimum elong	-1481 Sep 28 j 00:56	21°♍30'42	0°35'35
	-1481 Oct 09 j 23:10	0°♎	
morning rise	-1481 Nov 18 j 17:33	29°♎06'58	
	-1481 Nov 19 j 21:56	0°♏	
desc. node	-1481 Nov 24 j 20:03	3°♏41'12	
	-1481 Dec 29 j 10:06	0°♐	
	-1480 Feb 06 j 04:07	0°♑	
	-1480 Mar 16 j 00:05	0°♒	
	-1480 Apr 24 j 21:49	0°♓	
	-1480 Jun 06 j 04:37	0°♈	
	-1480 Jul 23 j 10:19	0°♉	
asc. node	-1480 Sep 26 j 09:45	28°♉34'47	
	-1480 Oct 04 j 01:30	0°♊	
retrograde	-1480 Oct 15 j 15:35	0°♊51'16	
	-1480 Oct 26 j 18:05	30°℞♉	
min. Earth dist.	-1480 Nov 21 j 01:51	22°♉19'07	0.63793 AU
opposition	-1480 Nov 24 j 14:50	20°♉53'49	2°16'02
greatest brilliancy	-1480 Nov 24 j 06:50	21°♉01'51	-1.5m
direct	-1479 Jan 02 j 08:15	11°♉43'36	
	-1479 Mar 08 j 09:53	0°♊	
	-1479 May 04 j 15:50	0°♋	
	-1479 Jun 23 j 09:06	0°♌	
	-1479 Aug 08 j 04:41	0°♍	
	-1479 Sep 20 j 00:54	0°♎	
evening set	-1479 Sep 23 j 14:47	2°♎35'21	
max. Earth dist.	-1479 Oct 11 j 07:23	15°♎33'44	2.42595 AU
desc. node	-1479 Oct 11 j 19:09	15°♎55'34	
	-1479 Oct 30 j 13:38	0°♏	
conjunction	-1479 Nov 18 j 18:37	14°♏40'35	-0°25'10
minimum elong	-1479 Nov 18 j 16:56	14°♏37'20	0°25'09
	-1479 Dec 08 j 12:47	0°♐	
	-1478 Jan 15 j 18:14	0°♑	
morning rise	-1478 Jan 22 j 05:12	5°♑04'32	
	-1478 Feb 23 j 03:13	0°♒	
	-1478 Apr 03 j 12:57	0°♓	
	-1478 May 14 j 19:59	0°♈	
	-1478 Jun 27 j 23:22	0°♉	
asc. node	-1478 Aug 14 j 08:23	29°♉11'08	
	-1478 Aug 15 j 18:33	0°♊	
	-1478 Oct 18 j 23:09	0°♋	
retrograde	-1478 Nov 19 j 09:06	5°♋22'58	
	-1478 Dec 18 j 04:26	30°℞♊	
opposition	-1478 Dec 29 j 07:37	25°♊43'54	4°08'30
greatest brilliancy	-1478 Dec 29 j 06:59	25°♊44'32	-1.3m
min. Earth dist.	-1478 Dec 29 j 14:09	25°♊37'21	0.67454 AU
direct	-1477 Feb 08 j 00:29	15°♊53'54	
	-1477 Apr 04 j 11:29	0°♋	
	-1477 Jun 01 j 04:59	0°♌	
	-1477 Jul 19 j 01:42	0°♍	
desc. node	-1477 Aug 29 j 17:31	28°♍45'01	
	-1477 Aug 31 j 11:21	0°♎	
	-1477 Oct 11 j 00:27	0°♏	
	-1477 Nov 18 j 19:38	0°♐	
evening set	-1477 Nov 22 j 04:32	2°♐38'42	
	-1477 Dec 26 j 21:06	0°♑	
conjunction	-1476 Jan 27 j 10:36	24°♑46'29	-1°06'01
minimum elong	-1476 Jan 27 j 10:50	24°♑46'56	1°06'01
	-1476 Feb 03 j 04:00	0°♒	
	-1476 Mar 13 j 13:10	0°♓	
max. Earth dist.	-1476 Mar 17 j 04:41	2°♓43'02	2.41049 AU
morning rise	-1476 Apr 03 j 19:24	15°♓40'44	
	-1476 Apr 23 j 17:27	0°♈	
	-1476 Jun 06 j 05:17	0°♉	
asc. node	-1476 Jul 01 j 08:04	16°♉32'12	
	-1476 Jul 22 j 11:31	0°♊	
	-1476 Sep 10 j 17:06	0°♋	
	-1476 Nov 11 j 09:56	0°♌	
retrograde	-1476 Dec 24 j 06:40	9°♌06'22	
opposition	-1475 Feb 01 j 02:03	0°♌09'07	4°44'31
	-1475 Feb 01 j 11:24	30°℞♋	
greatest brilliancy	-1475 Feb 01 j 17:17	29°♋54'16	-1.4m
min. Earth dist.	-1475 Feb 05 j 05:22	28°♋32'11	0.64607 AU
direct	-1475 Mar 14 j 09:29	20°♋07'56	
	-1475 Apr 27 j 08:32	0°♌	
	-1475 Jun 24 j 07:29	0°♍	
desc. node	-1475 Jul 16 j 16:23	14°♍10'03	
	-1475 Aug 09 j 01:12	0°♎	
	-1475 Sep 19 j 08:39	0°♏	
	-1475 Oct 28 j 10:49	0°♐	
	-1475 Dec 05 j 16:45	0°♑	
	-1474 Jan 13 j 05:07	0°♒	
evening set	-1474 Jan 30 j 01:56	12°♒53'35	
	-1474 Feb 21 j 21:27	0°♓	
conjunction	-1474 Apr 01 j 11:31	27°♓57'26	-0°28'15
minimum elong	-1474 Apr 01 j 13:11	28°♓00'22	0°28'14
	-1474 Apr 04 j 08:51	0°♈	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

max. Earth dist.	-1474 May 06 j 21:09	22°♈31'16	2.54120 AU
	-1474 May 17 j 22:44	0°♉	
asc. node	-1474 May 19 j 07:14	0°♉54'34	
morning rise	-1474 May 27 j 10:58	6°♉21'34	
	-1474 Jul 02 j 14:47	0°♊	
	-1474 Aug 19 j 07:47	0°♋	
	-1474 Oct 08 j 16:35	0°♌	
	-1474 Dec 04 j 23:30	0°♍	
retrograde	-1473 Feb 04 j 23:31	16°♍59'14	
opposition	-1473 Mar 13 j 07:32	9°♍12'20	3°37'51
greatest brilliancy	-1473 Mar 14 j 08:32	8°♍49'21	-1.8m
min. Earth dist.	-1473 Mar 20 j 21:42	6°♍25'07	0.55438 AU
	-1473 Apr 16 j 19:22	30°℞♌	
direct	-1473 Apr 22 j 05:41	29°♌47'54	
	-1473 Apr 27 j 17:50	0°♍	
desc. node	-1473 Jun 03 j 16:02	9°♍50'34	
	-1473 Jul 12 j 04:27	0°♎	
	-1473 Aug 26 j 07:55	0°♏	
	-1473 Oct 05 j 22:56	0°♐	
	-1473 Nov 14 j 03:16	0°♑	
	-1473 Dec 23 j 10:21	0°♒	
	-1472 Feb 01 j 20:38	0°♓	
	-1472 Mar 15 j 00:37	0°♈	
evening set	-1472 Mar 27 j 08:37	8°♈31'16	
asc. node	-1472 Apr 05 j 04:43	14°♈33'43	
	-1472 Apr 28 j 02:58	0°♉	
conjunction	-1472 May 18 j 23:25	13°♉46'57	0°24'57
minimum elong	-1472 May 18 j 22:23	13°♉45'17	0°24'58
max. Earth dist.	-1472 Jun 04 j 05:29	24°♉22'51	2.63323 AU
	-1472 Jun 12 j 21:53	0°♊	
morning rise	-1472 Jul 06 j 12:22	15°♊08'36	
	-1472 Jul 29 j 21:45	0°♋	
	-1472 Sep 15 j 16:45	0°♌	
	-1472 Nov 03 j 10:33	0°♍	
	-1472 Dec 24 j 15:37	0°♎	
	-1471 Feb 25 j 02:18	0°♏	
retrograde	-1471 Apr 04 j 09:39	7°♏39'13	
desc. node	-1471 Apr 20 j 15:14	6°♏01'56	
opposition	-1471 May 06 j 14:50	1°♏48'22	-1°00'31
greatest brilliancy	-1471 May 06 j 21:25	1°♏43'20	-2.6m
	-1471 May 12 j 12:33	30°℞♎	
min. Earth dist.	-1471 May 14 j 02:35	29°♎31'33	0.42527 AU
direct	-1471 Jun 10 j 08:25	24°♎51'22	
	-1471 Jul 08 j 16:27	0°♏	
	-1471 Sep 03 j 19:34	0°♐	
	-1471 Oct 17 j 18:07	0°♑	
	-1471 Nov 28 j 19:01	0°♒	
	-1470 Jan 10 j 04:53	0°♓	
asc. node	-1470 Feb 21 j 03:29	28°♓49'40	
	-1470 Feb 22 j 21:08	0°♈	
	-1470 Apr 09 j 01:43	0°♉	
evening set	-1470 May 10 j 21:46	20°♉38'14	
	-1470 May 25 j 11:46	0°♊	
conjunction	-1470 Jun 27 j 17:03	21°♊12'24	0°59'51
minimum elong	-1470 Jun 27 j 15:56	21°♊10'37	0°59'52
max. Earth dist.	-1470 Jun 28 j 12:43	21°♊43'43	2.67206 AU
	-1470 Jul 11 j 12:16	0°♋	
morning rise	-1470 Aug 11 j 23:13	20°♋04'57	
	-1470 Aug 27 j 10:27	0°♌	
	-1470 Oct 12 j 19:32	0°♍	
	-1470 Nov 27 j 14:15	0°♎	
	-1469 Jan 12 j 01:47	0°♏	
	-1469 Feb 27 j 02:11	0°♐	
desc. node	-1469 Mar 08 j 14:52	6°♐03'32	
	-1469 Apr 17 j 15:35	0°♑	
retrograde	-1469 Jun 23 j 05:20	22°♑32'39	
min. Earth dist.	-1469 Jul 20 j 13:22	18°♑04'11	0.38294 AU
opposition	-1469 Jul 24 j 15:40	16°♑56'04	-6°48'09
greatest brilliancy	-1469 Jul 23 j 18:33	17°♑10'46	-2.9m
direct	-1469 Aug 23 j 10:12	11°♑52'34	
	-1469 Oct 22 j 03:14	0°♒	
	-1469 Dec 13 j 21:09	0°♓	
asc. node	-1468 Jan 09 j 03:14	16°♓12'59	
	-1468 Jan 31 j 03:16	0°♈	
	-1468 Mar 18 j 20:30	0°♉	
	-1468 May 05 j 16:11	0°♊	
evening set	-1468 Jun 17 j 17:24	27°♊06'30	
	-1468 Jun 22 j 06:54	0°♋	
max. Earth dist.	-1468 Jul 21 j 02:01	18°♋22'38	2.65668 AU
conjunction	-1468 Aug 02 j 19:19	26°♋34'58	1°10'05
minimum elong	-1468 Aug 02 j 19:29	26°♋35'14	1°10'05
	-1468 Aug 08 j 01:49	0°♌	
morning rise	-1468 Sep 16 j 21:59	26°♌14'19	
	-1468 Sep 22 j 12:46	0°♍	
	-1468 Nov 05 j 11:11	0°♎	
	-1468 Dec 17 j 23:03	0°♏	
desc. node	-1467 Jan 23 j 14:17	26°♏32'09	
	-1467 Jan 28 j 07:56	0°♐	
	-1467 Mar 10 j 03:08	0°♑	
	-1467 Apr 20 j 11:38	0°♒	
	-1467 Jun 04 j 02:08	0°♓	
	-1467 Aug 13 j 07:58	0°♈	
retrograde	-1467 Aug 21 j 04:58	0°♈26'24	
	-1467 Aug 28 j 22:18	30°℞♓	
min. Earth dist.	-1467 Sep 19 j 13:37	24°♓30'14	0.49213 AU
opposition	-1467 Sep 27 j 12:22	21°♓36'26	-2°54'32
greatest brilliancy	-1467 Sep 26 j 17:58	21°♓53'17	-2.2m
direct	-1467 Oct 31 j 08:34	14°♓24'38	
asc. node	-1467 Nov 26 j 02:04	18°♓15'39	
	-1467 Dec 27 j 10:19	0°♈	
	-1466 Feb 23 j 01:52	0°♉	
	-1466 Apr 15 j 10:16	0°♊	
	-1466 Jun 03 j 13:07	0°♋	
	-1466 Jul 20 j 18:57	0°♌	
evening set	-1466 Jul 25 j 18:02	3°♌13'37	
max. Earth dist.	-1466 Aug 16 j 07:24	17°♌25'55	2.58874 AU
	-1466 Sep 03 j 23:36	0°♍	
conjunction	-1466 Sep 10 j 23:42	4°♍46'40	0°51'32
minimum elong	-1466 Sep 11 j 01:06	4°♍49'04	0°51'31
	-1466 Oct 17 j 02:23	0°♎	
morning rise	-1466 Oct 29 j 17:39	9°♎03'35	
	-1466 Nov 27 j 08:34	0°♏	
desc. node	-1466 Dec 11 j 12:49	10°♏34'12	
	-1465 Jan 06 j 05:17	0°♐	
	-1465 Feb 14 j 07:40	0°♑	
	-1465 Mar 25 j 11:38	0°♒	
	-1465 May 04 j 20:02	0°♓	
	-1465 Jun 17 j 03:00	0°♈	
	-1465 Aug 07 j 08:54	0°♉	
retrograde	-1465 Oct 02 j 09:50	16°♉17'40	
asc. node	-1465 Oct 14 j 00:58	15°♉19'57	
min. Earth dist.	-1465 Nov 06 j 01:47	8°♉21'45	0.60669 AU
opposition	-1465 Nov 11 j 01:17	6°♉22'45	1°09'48
greatest brilliancy	-1465 Nov 10 j 19:33	6°♉28'29	-1.7m
	-1465 Nov 29 j 16:55	30°℞♈	
direct	-1465 Dec 18 j 15:50	27°♈36'30	
	-1464 Jan 08 j 04:13	0°♉	
	-1464 Mar 20 j 22:45	0°♊	
	-1464 May 13 j 05:03	0°♋	
	-1464 Jun 30 j 20:47	0°♌	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1464 Aug 15 j 08:47	0°♍	
evening set	-1464 Sep 04 j 18:11	14°♍04'05	
max. Earth dist.	-1464 Sep 19 j 17:26	24°♍38'34	2.47597 AU
	-1464 Sep 27 j 04:48	0°♎	
conjunction	-1464 Oct 27 j 06:12	22°♎02'48	0°00'50
minimum elong	-1464 Oct 27 j 06:12	22°♎02'47	0°00'49
behind sun begin	-1464 Oct 26 j 06:57	21°♎19'28	
behind sun end	-1464 Oct 28 j 05:27	22°♎46'10	
desc. node	-1464 Oct 28 j 11:37	22°♎57'41	
	-1464 Nov 06 j 20:36	0°♏	
	-1464 Dec 15 j 23:59	0°♐	
morning rise	-1464 Dec 25 j 03:11	7°♐06'30	
	-1463 Jan 23 j 09:24	0°♑	
greatest brilliancy	-1463 Feb 09 j 06:18	13°♑11'54	1.2m
	-1463 Mar 02 j 21:21	0°♒	
	-1463 Apr 11 j 09:39	0°♓	
	-1463 May 22 j 21:35	0°♈	
	-1463 Jul 06 j 16:25	0°♉	
	-1463 Aug 27 j 02:31	0°♊	
asc. node	-1463 Aug 31 j 00:44	2°♊00'02	
retrograde	-1463 Nov 06 j 00:18	22°♊29'09	
min. Earth dist.	-1463 Dec 14 j 20:19	13°♊09'29	0.66793 AU
opposition	-1463 Dec 16 j 02:08	12°♊39'31	3°34'05
greatest brilliancy	-1463 Dec 15 j 20:57	12°♊44'45	-1.3m
direct	-1462 Jan 25 j 03:52	3°♊01'49	
	-1462 Apr 18 j 01:34	0°♋	
	-1462 Jun 10 j 02:39	0°♌	
	-1462 Jul 26 j 21:53	0°♍	
	-1462 Sep 08 j 00:17	0°♎	
desc. node	-1462 Sep 15 j 11:23	5°♎24'28	
	-1462 Oct 18 j 12:05	0°♏	
evening set	-1462 Oct 27 j 18:59	7°♏05'10	
	-1462 Nov 26 j 07:50	0°♐	
conjunction	-1462 Dec 29 j 22:13	26°♐27'39	-0°59'15
minimum elong	-1462 Dec 29 j 19:43	26°♐22'43	0°59'16
	-1461 Jan 03 j 09:52	0°♑	
max. Earth dist.	-1461 Jan 08 j 19:21	4°♑15'18	2.37347 AU
	-1461 Feb 10 j 16:27	0°♒	
morning rise	-1461 Mar 09 j 06:47	20°♒24'35	
	-1461 Mar 22 j 00:32	0°♓	
	-1461 May 02 j 04:07	0°♈	
	-1461 Jun 14 j 18:29	0°♉	
asc. node	-1461 Jul 18 j 23:11	22°♉09'00	
	-1461 Jul 31 j 14:35	0°♊	
	-1461 Sep 22 j 03:58	0°♋	
retrograde	-1461 Dec 10 j 21:29	25°♋59'09	
opposition	-1460 Jan 19 j 06:32	16°♋42'53	4°40'00
greatest brilliancy	-1460 Jan 19 j 15:12	16°♋34'19	-1.3m
min. Earth dist.	-1460 Jan 21 j 21:24	15°♋40'46	0.66515 AU
direct	-1460 Feb 29 j 12:27	6°♋42'17	
	-1460 May 13 j 10:59	0°♌	
	-1460 Jul 04 j 01:45	0°♍	
desc. node	-1460 Aug 02 j 09:59	19°♍26'49	
	-1460 Aug 17 j 13:08	0°♎	
	-1460 Sep 27 j 10:38	0°♏	
	-1460 Nov 05 j 08:32	0°♐	
	-1460 Dec 13 j 11:25	0°♑	
evening set	-1459 Jan 03 j 06:33	16°♑19'59	
	-1459 Jan 20 j 20:12	0°♒	
	-1459 Mar 01 j 08:12	0°♓	
conjunction	-1459 Mar 09 j 08:07	5°♓55'27	-0°48'45
minimum elong	-1459 Mar 09 j 10:45	6°♓00'18	0°48'43
	-1459 Apr 11 j 15:13	0°♈	
max. Earth dist.	-1459 Apr 22 j 02:21	7°♈22'07	2.49224 AU
morning rise	-1459 May 08 j 16:44	18°♈51'51	
	-1459 May 25 j 02:14	0°♉	
asc. node	-1459 Jun 04 j 22:05	7°♉14'15	
	-1459 Jul 09 j 20:31	0°♊	
	-1459 Aug 27 j 04:17	0°♋	
	-1459 Oct 18 j 17:35	0°♌	
	-1458 Jan 01 j 13:29	0°♍	
retrograde	-1458 Jan 18 j 02:29	1°♍33'07	
	-1458 Feb 02 j 17:03	30°℞♌	
opposition	-1458 Feb 24 j 14:00	23°♌14'14	4°20'06
greatest brilliancy	-1458 Feb 25 j 13:27	22°♌51'59	-1.6m
min. Earth dist.	-1458 Mar 02 j 22:43	20°♌49'31	0.59724 AU
direct	-1458 Apr 06 j 08:38	13°♌26'50	
	-1458 Jun 03 j 00:49	0°♍	
desc. node	-1458 Jun 20 j 07:59	9°♍07'41	
	-1458 Jul 24 j 07:59	0°♎	
	-1458 Sep 05 j 04:47	0°♏	
	-1458 Oct 14 j 23:12	0°♐	
	-1458 Nov 22 j 15:26	0°♑	
	-1458 Dec 31 j 12:35	0°♒	
	-1457 Feb 09 j 13:34	0°♓	
evening set	-1457 Mar 07 j 22:06	19°♓04'25	
	-1457 Mar 23 j 09:05	0°♈	
asc. node	-1457 Apr 22 j 21:40	21°♈02'30	
conjunction	-1457 May 02 j 13:19	27°♈33'34	0°05'45
minimum elong	-1457 May 02 j 13:01	27°♈33'05	0°05'46
behind sun begin	-1457 May 01 j 16:15	26°♈58'10	
behind sun end	-1457 May 03 j 09:48	28°♈07'57	
	-1457 May 06 j 04:38	0°♉	
max. Earth dist.	-1457 May 25 j 18:12	12°♉59'28	2.60301 AU
	-1457 Jun 20 j 20:27	0°♊	
morning rise	-1457 Jun 22 j 10:30	1°♊01'25	
	-1457 Aug 06 j 23:51	0°♋	
	-1457 Sep 24 j 11:01	0°♌	
	-1457 Nov 14 j 01:49	0°♍	
	-1456 Jan 10 j 15:54	0°♎	
retrograde	-1456 Mar 09 j 07:57	15°♎42'38	
opposition	-1456 Apr 12 j 08:50	9°♎00'53	1°23'46
greatest brilliancy	-1456 Apr 12 j 21:12	8°♎50'28	-2.3m
min. Earth dist.	-1456 Apr 20 j 20:04	6°♎10'30	0.47551 AU
desc. node	-1456 May 07 j 07:25	1°♎53'44	
direct	-1456 May 19 j 16:57	0°♎49'08	
	-1456 Aug 04 j 10:42	0°♏	
	-1456 Sep 17 j 22:22	0°♐	
	-1456 Oct 28 j 21:31	0°♑	
	-1456 Dec 08 j 09:07	0°♒	
	-1455 Jan 18 j 17:46	0°♓	
	-1455 Mar 02 j 15:46	0°♈	
asc. node	-1455 Mar 09 j 19:46	4°♈53'38	
	-1455 Apr 16 j 07:22	0°♉	
evening set	-1455 Apr 24 j 13:19	5°♉25'39	
	-1455 Jun 01 j 09:36	0°♊	
conjunction	-1455 Jun 12 j 19:54	7°♊20'16	0°49'02
minimum elong	-1455 Jun 12 j 18:34	7°♊18'08	0°49'03
max. Earth dist.	-1455 Jun 19 j 11:09	11°♊35'09	2.66324 AU
	-1455 Jul 18 j 08:02	0°♋	
morning rise	-1455 Jul 28 j 23:47	6°♋46'55	
	-1455 Sep 03 j 11:35	0°♌	
	-1455 Oct 20 j 12:42	0°♍	
	-1455 Dec 06 j 16:00	0°♎	
	-1454 Jan 23 j 19:25	0°♏	
	-1454 Mar 17 j 06:35	0°♐	
desc. node	-1454 Mar 25 j 07:22	4°♐01'50	
retrograde	-1454 May 23 j 00:19	21°♐11'11	
opposition	-1454 Jun 22 j 08:10	16°♐11'26	-5°35'26

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

greatest brilliancy	-1454 Jun 22 j 11:54	16°♐08'57	-2.9m	
min. Earth dist.	-1454 Jun 23 j 11:59	15°♐52'56	0.37694 AU	
direct	-1454 Jul 22 j 16:05	11°♐04'33		
	-1454 Sep 20 j 10:51	0°♑		
	-1454 Nov 09 j 14:56	0°♒		
	-1454 Dec 25 j 13:09	0°♓		
asc. node	-1453 Jan 25 j 18:12	20°♓31'37		
	-1453 Feb 09 j 05:59	0°♈		
	-1453 Mar 27 j 16:15	0°♉		
	-1453 May 13 j 19:32	0°♊		
evening set	-1453 Jun 03 j 23:25	13°♊24'19		
	-1453 Jun 30 j 02:57	0°♋		
max. Earth dist.	-1453 Jul 12 j 17:58	8°♋02'52	2.66906 AU	
conjunction	-1453 Jul 20 j 09:47	12°♋56'38	1°09'16	
minimum elong	-1453 Jul 20 j 09:22	12°♋55'59	1°09'17	
	-1453 Aug 15 j 21:35	0°♌		
morning rise	-1453 Sep 03 j 04:52	11°♌54'49		
	-1453 Sep 30 j 15:02	0°♍		
	-1453 Nov 14 j 02:38	0°♎		
	-1453 Dec 27 j 10:32	0°♏		
	-1452 Feb 07 j 22:14	0°♐		
desc. node	-1452 Feb 10 j 06:03	1°♐39'06		
	-1452 Mar 21 j 06:04	0°♑		
	-1452 May 04 j 06:35	0°♒		
	-1452 Jun 27 j 20:45	0°♓		
retrograde	-1452 Jul 31 j 19:34	7°♓24'17		
min. Earth dist.	-1452 Aug 28 j 05:46	2°♓19'53	0.44150 AU	
greatest brilliancy	-1452 Sep 03 j 23:59	0°♓04'18	-2.5m	
	-1452 Sep 04 j 05:06	30°♓℞		
opposition	-1452 Sep 05 j 05:47	29°♒39'16	-4°52'15	
direct	-1452 Oct 07 j 04:28	23°♒20'32		
	-1452 Nov 10 j 14:35	0°♓		
asc. node	-1452 Dec 12 j 17:53	13°♓51'44		
	-1451 Jan 12 j 04:14	0°♈		
	-1451 Mar 04 j 18:20	0°♉		
	-1451 Apr 23 j 06:50	0°♊		
	-1451 Jun 10 j 16:04	0°♋		
evening set	-1451 Jul 10 j 18:19	19°♋05'22		
	-1451 Jul 27 j 16:05	0°♌		
max. Earth dist.	-1451 Aug 05 j 14:29	5°♌49'30	2.62144 AU	
conjunction	-1451 Aug 26 j 03:50	19°♌24'25	1°02'28	
minimum elong	-1451 Aug 26 j 04:53	19°♌26'10	1°02'28	
	-1451 Sep 10 j 22:10	0°♍		
morning rise	-1451 Oct 11 j 21:48	21°♍18'03		
	-1451 Oct 24 j 07:07	0°♎		
	-1451 Dec 04 j 22:41	0°♏		
desc. node	-1451 Dec 28 j 05:55	17°♏14'34		
	-1450 Jan 14 j 06:11	0°♐		
	-1450 Feb 22 j 19:49	0°♑		
	-1450 Apr 03 j 12:07	0°♒		
	-1450 May 14 j 15:40	0°♓		
	-1450 Jun 29 j 01:15	0°♈		
	-1450 Sep 09 j 23:40	0°♉		
retrograde	-1450 Sep 17 j 05:55	0°♉21'45		
	-1450 Sep 24 j 07:51	30°♈℞		
min. Earth dist.	-1450 Oct 19 j 23:11	23°♈07'35	0.56702 AU	
opposition	-1450 Oct 26 j 06:57	20°♈39'15	-0°11'48	
greatest brilliancy	-1450 Nov 21 j 20:25	13°♈01'23	-2.0m	
asc. node	-1450 Oct 30 j 16:22	18°♈57'54		
direct	-1450 Dec 01 j 13:47	12°♈23'22		
	-1449 Feb 02 j 08:14	0°♉		
	-1449 Apr 01 j 00:51	0°♊		
	-1449 May 22 j 02:56	0°♋		
	-1449 Jul 09 j 01:56	0°♌		
evening set	-1449 Aug 19 j 12:59	27°♌22'12		
	-1449 Aug 23 j 09:56	0°♍		
max. Earth dist.	-1449 Sep 04 j 21:20	8°♍33'23	2.52462 AU	
	-1449 Oct 05 j 07:54	0°♎		
conjunction	-1449 Oct 08 j 07:30	2°♎08'39	0°24'13	
minimum elong	-1449 Oct 08 j 08:37	2°♎10'41	0°24'12	
desc. node	-1449 Nov 15 j 05:14	0°♏01'15		
	-1449 Nov 15 j 04:34	0°♏		
morning rise	-1449 Dec 01 j 05:43	12°♏07'08		
	-1449 Dec 24 j 13:34	0°♐		
	-1448 Feb 01 j 04:11	0°♑		
	-1448 Mar 10 j 20:19	0°♒		
	-1448 Apr 19 j 12:54	0°♓		
	-1448 May 31 j 09:41	0°♈		
	-1448 Jul 16 j 08:31	0°♉		
	-1448 Sep 12 j 02:35	0°♊		
asc. node	-1448 Sep 16 j 14:51	1°♊42'51		
retrograde	-1448 Oct 23 j 13:34	9°♊14'25		
min. Earth dist.	-1448 Nov 29 j 21:24	0°♊24'09	0.65136 AU	
	-1448 Nov 30 j 21:26	30°♉℞		
opposition	-1448 Dec 02 j 14:59	29°♉18'10	2°48'28	
greatest brilliancy	-1448 Dec 02 j 07:11	29°♉26'01	-1.4m	
direct	-1447 Jan 10 j 21:11	19°♉56'53		
	-1447 Feb 25 j 13:39	0°♊		
	-1447 Apr 28 j 12:56	0°♋		
	-1447 Jun 18 j 05:31	0°♌		
	-1447 Aug 03 j 09:05	0°♍		
	-1447 Sep 15 j 07:50	0°♎		
desc. node	-1447 Oct 02 j 03:35	12°♎16'08		
evening set	-1447 Oct 05 j 05:47	14°♎33'10		
	-1447 Oct 25 j 20:39	0°♏		
max. Earth dist.	-1447 Oct 28 j 10:36	1°♏57'34	2.40014 AU	
conjunction	-1447 Dec 02 j 19:03	29°♏13'42	-0°39'28	
minimum elong	-1447 Dec 02 j 16:29	29°♏08'40	0°39'28	
	-1447 Dec 03 j 18:47	0°♐		
	-1446 Jan 10 j 23:01	0°♑		
morning rise	-1446 Feb 07 j 21:43	21°♑55'41		
	-1446 Feb 18 j 06:44	0°♒		
	-1446 Mar 29 j 14:55	0°♓		
	-1446 May 09 j 19:16	0°♈		
	-1446 Jun 22 j 15:09	0°♉		
asc. node	-1446 Aug 04 j 15:05	27°♉08'08		
	-1446 Aug 09 j 10:30	0°♊		
	-1446 Oct 05 j 18:09	0°♋		
retrograde	-1446 Nov 27 j 03:31	13°♋10'41		
opposition	-1445 Jan 05 j 21:58	3°♋38'43	4°23'23	
greatest brilliancy	-1445 Jan 06 j 00:24	3°♋36'17	-1.3m	
min. Earth dist.	-1445 Jan 07 j 00:25	3°♋12'20	0.67400 AU	
	-1445 Jan 15 j 06:39	30°♊℞		
direct	-1445 Feb 15 j 20:37	23°♊43'41		
	-1445 Mar 22 j 16:15	0°♋		
	-1445 May 25 j 20:17	0°♌		
	-1445 Jul 13 j 18:17	0°♍		
desc. node	-1445 Aug 20 j 02:06	25°♍26'11		
	-1445 Aug 26 j 12:14	0°♎		
	-1445 Oct 06 j 04:12	0°♏		
	-1445 Nov 14 j 00:08	0°♐		
evening set	-1445 Dec 07 j 11:52	18°♐29'29		
	-1445 Dec 22 j 01:48	0°♑		
	-1444 Jan 29 j 08:49	0°♒		
conjunction	-1444 Feb 12 j 05:20	10°♒40'42	-1°03'03	
minimum elong	-1444 Feb 12 j 07:06	10°♒44'06	1°03'04	
	-1444 Mar 08 j 18:12	0°♓		
max. Earth dist.	-1444 Apr 02 j 00:08	17°♓50'49	2.43954 AU	
morning rise	-1444 Apr 17 j 07:29	28°♓50'36		

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1444 Apr 18 j 22:31	0°♈	
	-1444 Jun 01 j 08:36	0°♉	
asc. node	-1444 Jun 21 j 14:37	13°♉25'54	
	-1444 Jul 17 j 08:21	0°♊	
	-1444 Sep 04 j 15:37	0°♋	
	-1444 Oct 31 j 07:41	0°♌	
retrograde	-1443 Jan 01 j 23:22	17°♌20'08	
opposition	-1443 Feb 09 j 08:27	8°♌35'06	4°40'18
greatest brilliancy	-1443 Feb 10 j 03:00	8°♌17'09	-1.5m
min. Earth dist.	-1443 Feb 14 j 07:02	6°♌40'18	0.63142 AU
	-1443 Mar 08 j 00:46	30°℞♋	
direct	-1443 Mar 22 j 13:06	28°♋36'25	
	-1443 Apr 06 j 18:31	0°♌	
	-1443 Jun 17 j 05:34	0°♍	
desc. node	-1443 Jul 07 j 01:09	12°♍00'26	
	-1443 Aug 03 j 07:42	0°♎	
	-1443 Sep 14 j 02:03	0°♏	
	-1443 Oct 23 j 08:56	0°♐	
	-1443 Nov 30 j 17:40	0°♑	
	-1442 Jan 08 j 08:04	0°♒	
evening set	-1442 Feb 13 j 03:05	27°♒03'48	
	-1442 Feb 17 j 02:12	0°♓	
	-1442 Mar 30 j 15:19	0°♈	
conjunction	-1442 Apr 13 j 08:57	9°♈36'21	-0°15'39
minimum elong	-1442 Apr 13 j 09:50	9°♈37'54	0°15'38
behind sun begin	-1442 Apr 13 j 06:23	9°♈31'54	
behind sun end	-1442 Apr 13 j 13:18	9°♈43'54	
asc. node	-1442 May 09 j 12:46	27°♈29'52	
	-1442 May 13 j 05:58	0°♉	
max. Earth dist.	-1442 May 14 j 07:03	0°♉42'05	2.56528 AU
morning rise	-1442 Jun 06 j 07:21	15°♉58'34	
	-1442 Jun 27 j 20:48	0°♊	
	-1442 Aug 14 j 07:02	0°♋	
	-1442 Oct 02 j 18:41	0°♌	
	-1442 Nov 25 j 15:23	0°♍	
retrograde	-1441 Feb 16 j 05:37	27°♍02'11	
opposition	-1441 Mar 23 j 19:27	19°♍36'10	2°59'43
greatest brilliancy	-1441 Mar 24 j 18:24	19°♍15'33	-2.0m
min. Earth dist.	-1441 Mar 31 j 21:22	16°♍42'33	0.52744 AU
direct	-1441 May 01 j 23:36	10°♍31'52	
desc. node	-1441 May 24 j 23:30	13°♍49'43	
	-1441 Jul 02 j 08:17	0°♎	
	-1441 Aug 19 j 09:36	0°♏	
	-1441 Sep 29 j 22:00	0°♐	
	-1441 Nov 08 j 13:29	0°♑	
	-1441 Dec 18 j 04:13	0°♒	
	-1440 Jan 27 j 20:20	0°♓	
	-1440 Mar 10 j 05:02	0°♈	
asc. node	-1440 Mar 26 j 11:42	11°♈11'10	
evening set	-1440 Apr 07 j 00:37	19°♈00'27	
	-1440 Apr 23 j 10:35	0°♉	
conjunction	-1440 May 28 j 06:45	22°♉52'21	0°34'43
minimum elong	-1440 May 28 j 05:31	22°♉50'20	0°34'44
	-1440 Jun 08 j 07:06	0°♊	
max. Earth dist.	-1440 Jun 09 j 23:19	1°♊04'51	2.64619 AU
morning rise	-1440 Jul 14 j 19:33	23°♊23'01	
	-1440 Jul 25 j 05:31	0°♋	
	-1440 Sep 10 j 17:42	0°♌	
	-1440 Oct 28 j 17:49	0°♍	
	-1440 Dec 17 j 00:35	0°♎	
	-1439 Feb 08 j 20:19	0°♏	
desc. node	-1439 Apr 10 j 23:37	21°♏46'10	
retrograde	-1439 Apr 21 j 05:01	22°♏23'52	
opposition	-1439 May 22 j 08:18	17°♏00'04	-2°42'27
greatest brilliancy	-1439 May 22 j 21:14	16°♏50'46	-2.8m
min. Earth dist.	-1439 May 28 j 06:07	15°♏18'07	0.40157 AU
direct	-1439 Jun 24 j 10:21	10°♏49'24	
	-1439 Aug 22 j 10:34	0°♐	
	-1439 Oct 09 j 13:36	0°♑	
	-1439 Nov 22 j 04:00	0°♒	
	-1438 Jan 04 j 10:34	0°♓	
asc. node	-1438 Feb 11 j 10:09	25°♓48'55	
	-1438 Feb 17 j 16:06	0°♈	
	-1438 Apr 04 j 05:01	0°♉	
evening set	-1438 May 19 j 20:06	29°♉21'42	
	-1438 May 20 j 20:05	0°♊	
max. Earth dist.	-1438 Jul 03 j 19:24	28°♊00'38	2.67338 AU
conjunction	-1438 Jul 06 j 00:34	29°♊25'17	1°04'25
minimum elong	-1438 Jul 05 j 23:39	29°♊23'50	1°04'27
	-1438 Jul 06 j 22:22	0°♋	
morning rise	-1438 Aug 19 j 23:24	28°♋11'19	
	-1438 Aug 22 j 18:53	0°♌	
	-1438 Oct 07 j 21:54	0°♍	
	-1438 Nov 22 j 03:56	0°♎	
	-1437 Jan 05 j 17:14	0°♏	
	-1437 Feb 19 j 01:14	0°♐	
desc. node	-1437 Feb 27 j 00:14	5°♐20'55	
	-1437 Apr 05 j 12:58	0°♑	
	-1437 May 29 j 01:20	0°♒	
retrograde	-1437 Jul 08 j 18:17	10°♒04'46	
min. Earth dist.	-1437 Aug 04 j 10:56	5°♒35'20	0.39832 AU
greatest brilliancy	-1437 Aug 09 j 09:33	4°♒07'15	-2.8m
opposition	-1437 Aug 10 j 15:41	3°♒44'44	-6°29'01
	-1437 Aug 25 j 00:32	30°℞♑	
direct	-1437 Sep 09 j 22:04	28°♑20'08	
	-1437 Sep 26 j 02:55	0°♒	
	-1437 Dec 04 j 21:56	0°♓	
asc. node	-1437 Dec 30 j 08:37	14°♓43'40	
	-1436 Jan 24 j 17:03	0°♈	
	-1436 Mar 13 j 10:54	0°♉	
	-1436 Apr 30 j 18:47	0°♊	
	-1436 Jun 17 j 15:19	0°♋	
evening set	-1436 Jun 26 j 02:46	5°♋22'12	
max. Earth dist.	-1436 Jul 26 j 15:06	24°♋54'15	2.64640 AU
	-1436 Aug 03 j 11:51	0°♌	
conjunction	-1436 Aug 11 j 04:09	5°♌00'06	1°08'34
minimum elong	-1436 Aug 11 j 04:40	5°♌00'56	1°08'35
	-1436 Sep 17 j 21:09	0°♍	
morning rise	-1436 Sep 25 j 16:16	5°♍16'03	
	-1436 Oct 31 j 14:35	0°♎	
	-1436 Dec 12 j 18:54	0°♏	
desc. node	-1435 Jan 13 j 22:38	23°♏29'55	
	-1435 Jan 22 j 17:38	0°♐	
	-1435 Mar 04 j 00:16	0°♑	
	-1435 Apr 13 j 13:39	0°♒	
	-1435 May 26 j 07:45	0°♓	
	-1435 Jul 16 j 16:22	0°♈	
retrograde	-1435 Aug 31 j 14:11	12°♈18'42	
min. Earth dist.	-1435 Oct 01 j 03:49	5°♈53'10	0.51977 AU
opposition	-1435 Oct 08 j 15:09	3°♈04'18	-1°50'45
greatest brilliancy	-1435 Oct 08 j 03:53	3°♈14'57	-2.1m
	-1435 Oct 17 j 04:50	30°℞♓	
direct	-1435 Nov 12 j 09:08	25°♓27'13	
asc. node	-1435 Nov 16 j 08:00	25°♓33'19	
	-1435 Dec 10 j 18:29	0°♈	
	-1434 Feb 15 j 22:59	0°♉	
	-1434 Apr 09 j 22:06	0°♊	
	-1434 May 29 j 15:22	0°♋	
	-1434 Jul 16 j 03:00	0°♌	
evening set	-1434 Aug 03 j 13:11	12°♌01'59	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

max. Earth dist.	-1434 Aug 22 j 24:00	25°♌00'08	2.56769 AU
	-1434 Aug 30 j 09:10	0°♍	
conjunction	-1434 Sep 20 j 11:46	14°♍31'29	0°42'59
minimum elong	-1434 Sep 20 j 13:13	14°♍34'01	0°42'57
	-1434 Oct 12 j 10:22	0°♎	
morning rise	-1434 Nov 09 j 17:56	20°♎31'32	
	-1434 Nov 22 j 13:16	0°♏	
desc. node	-1434 Dec 01 j 21:27	6°♏58'59	
	-1433 Jan 01 j 05:31	0°♐	
	-1433 Feb 09 j 03:15	0°♑	
	-1433 Mar 20 j 02:07	0°♒	
	-1433 Apr 29 j 02:49	0°♓	
	-1433 Jun 10 j 16:33	0°♈	
	-1433 Jul 29 j 00:39	0°♉	
asc. node	-1433 Oct 04 j 07:47	24°♉56'42	
retrograde	-1433 Oct 10 j 16:15	25°♉12'43	
min. Earth dist.	-1433 Nov 15 j 07:41	16°♉56'16	0.62500 AU
opposition	-1433 Nov 19 j 12:23	15°♉15'23	1°50'02
greatest brilliancy	-1433 Nov 19 j 04:45	15°♉23'01	-1.6m
direct	-1433 Dec 27 j 18:06	6°♉15'20	
	-1432 Mar 13 j 06:29	0°♊	
	-1432 May 07 j 14:57	0°♋	
	-1432 Jun 25 j 21:51	0°♌	
	-1432 Aug 10 j 15:33	0°♍	
evening set	-1432 Sep 15 j 05:08	24°♍44'57	
	-1432 Sep 22 j 12:58	0°♎	
max. Earth dist.	-1432 Sep 30 j 22:02	6°♎03'55	2.44834 AU
desc. node	-1432 Oct 18 j 20:43	19°♎16'30	
	-1432 Nov 02 j 04:07	0°♏	
conjunction	-1432 Nov 08 j 14:26	4°♏52'21	-0°13'52
minimum elong	-1432 Nov 08 j 13:32	4°♏50'39	0°13'52
behind sun begin	-1432 Nov 08 j 00:26	4°♏25'47	
behind sun end	-1432 Nov 09 j 02:37	5°♏15'31	
	-1432 Dec 11 j 05:34	0°♐	
morning rise	-1431 Jan 09 j 13:33	22°♐57'29	
	-1431 Jan 18 j 12:47	0°♑	
	-1431 Feb 25 j 22:34	0°♒	
	-1431 Apr 06 j 08:14	0°♓	
	-1431 May 17 j 15:41	0°♈	
	-1431 Jun 30 j 22:34	0°♉	
	-1431 Aug 19 j 11:57	0°♊	
asc. node	-1431 Aug 21 j 06:46	0°♊59'06	
	-1431 Nov 05 j 20:17	0°♋	
retrograde	-1431 Nov 13 j 17:13	0°♋22'59	
	-1431 Nov 21 j 08:14	30°℞♊	
opposition	-1431 Dec 23 j 17:17	20°♊38'39	3°55'29
min. Earth dist.	-1431 Dec 23 j 07:15	20°♊48'42	0.67282 AU
greatest brilliancy	-1431 Dec 23 j 14:23	20°♊41'33	-1.3m
direct	-1430 Feb 02 j 03:35	10°♊53'45	
	-1430 Apr 09 j 21:03	0°♋	
	-1430 Jun 04 j 08:54	0°♌	
	-1430 Jul 21 j 19:49	0°♍	
	-1430 Sep 03 j 03:41	0°♎	
desc. node	-1430 Sep 05 j 19:02	1°♎53'58	
	-1430 Oct 13 j 17:24	0°♏	
evening set	-1430 Nov 10 j 18:39	21°♏34'44	
	-1430 Nov 21 j 13:23	0°♐	
	-1430 Dec 29 j 15:11	0°♑	
conjunction	-1429 Jan 14 j 22:24	12°♑50'27	-1°04'57
minimum elong	-1429 Jan 14 j 21:17	12°♑48'14	1°04'59
	-1429 Feb 05 j 21:29	0°♒	
max. Earth dist.	-1429 Feb 27 j 01:29	16°♒17'24	2.38927 AU
	-1429 Mar 17 j 05:04	0°♓	
morning rise	-1429 Mar 24 j 15:35	5°♓32'27	
	-1429 Apr 27 j 07:38	0°♈	
	-1429 Jun 09 j 18:40	0°♉	
asc. node	-1429 Jul 09 j 06:04	19°♉18'40	
	-1429 Jul 26 j 04:17	0°♊	
	-1429 Sep 15 j 02:49	0°♋	
	-1429 Nov 22 j 06:10	0°♌	
retrograde	-1429 Dec 19 j 01:39	3°♌54'35	
	-1428 Jan 12 j 17:50	30°℞♋	
opposition	-1428 Jan 27 j 03:07	24°♋48'18	4°44'00
greatest brilliancy	-1428 Jan 27 j 15:25	24°♋36'13	-1.4m
min. Earth dist.	-1428 Jan 30 j 13:53	23°♋26'57	0.65581 AU
direct	-1428 Mar 08 j 10:01	14°♋46'40	
	-1428 May 04 j 06:32	0°♌	
	-1428 Jun 27 j 23:32	0°♍	
desc. node	-1428 Jul 23 j 17:26	16°♍38'44	
	-1428 Aug 12 j 04:24	0°♎	
	-1428 Sep 22 j 08:26	0°♏	
	-1428 Oct 31 j 09:05	0°♐	
	-1428 Dec 08 j 13:39	0°♑	
	-1427 Jan 15 j 23:56	0°♒	
evening set	-1427 Jan 18 j 16:03	2°♒03'38	
	-1427 Feb 24 j 13:17	0°♓	
conjunction	-1427 Mar 22 j 19:16	19°♓13'03	-0°37'24
minimum elong	-1427 Mar 22 j 21:28	19°♓17'01	0°37'23
	-1427 Apr 06 j 21:30	0°♈	
max. Earth dist.	-1427 May 01 j 00:27	16°♈50'16	2.52002 AU
morning rise	-1427 May 19 j 15:02	29°♈30'25	
	-1427 May 20 j 08:36	0°♉	
asc. node	-1427 May 26 j 05:15	3°♉56'00	
	-1427 Jul 05 j 00:07	0°♊	
	-1427 Aug 21 j 21:24	0°♋	
	-1427 Oct 11 j 23:40	0°♌	
	-1427 Dec 12 j 00:31	0°♍	
retrograde	-1426 Jan 28 j 00:16	10°♍36'11	
opposition	-1426 Mar 05 j 21:16	2°♍33'55	3°58'33
greatest brilliancy	-1426 Mar 06 j 22:01	2°♍10'47	-1.7m
	-1426 Mar 12 j 18:07	30°℞♌	
min. Earth dist.	-1426 Mar 12 j 22:37	29°♌55'52	0.57462 AU
direct	-1426 Apr 15 j 05:26	22°♌57'20	
	-1426 May 20 j 10:10	0°♍	
desc. node	-1426 Jun 10 j 17:20	9°♍14'24	
	-1426 Jul 17 j 04:29	0°♎	
	-1426 Aug 30 j 05:16	0°♏	
	-1426 Oct 09 j 10:27	0°♐	
	-1426 Nov 17 j 08:40	0°♑	
	-1426 Dec 26 j 10:22	0°♒	
	-1425 Feb 04 j 15:09	0°♓	
	-1425 Mar 18 j 14:03	0°♈	
evening set	-1425 Mar 19 j 19:52	0°♈52'02	
asc. node	-1425 Apr 13 j 02:54	17°♈36'12	
	-1425 May 01 j 12:03	0°♉	
conjunction	-1425 May 12 j 16:43	7°♉26'54	0°17'12
minimum elong	-1425 May 12 j 15:56	7°♉25'37	0°17'12
max. Earth dist.	-1425 May 31 j 21:20	20°♉03'54	2.62081 AU
	-1425 Jun 16 j 04:37	0°♊	
morning rise	-1425 Jul 01 j 04:16	9°♊38'28	
	-1425 Aug 02 j 05:03	0°♋	
	-1425 Sep 19 j 06:00	0°♌	
	-1425 Nov 07 j 16:18	0°♍	
	-1425 Dec 30 j 21:18	0°♎	
retrograde	-1424 Mar 23 j 10:43	28°♎03'14	
opposition	-1424 Apr 25 j 12:35	21°♎49'09	0°07'48
greatest brilliancy	-1423 Aug 26 j 03:29	27°♋41'47	1.8m
desc. node	-1424 Apr 27 j 16:32	21°♎07'26	
min. Earth dist.	-1424 May 03 j 17:06	19°♎12'31	0.44709 AU

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

direct	-1424 May 31 j 13:00	14°♎16'15	
	-1424 Jul 23 j 05:30	0°♏	
	-1424 Sep 10 j 00:19	0°♐	
	-1424 Oct 22 j 07:34	0°♑	
	-1424 Dec 02 j 12:41	0°♒	
	-1423 Jan 13 j 08:54	0°♓	
	-1423 Feb 25 j 15:12	0°♈	
asc. node	-1423 Feb 28 j 01:27	1°♈38'59	
	-1423 Apr 11 j 12:32	0°♉	
evening set	-1423 May 04 j 01:03	14°♉41'56	
	-1423 May 27 j 18:18	0°♊	
conjunction	-1423 Jun 21 j 10:33	15°♊47'32	0°55'46
minimum elong	-1423 Jun 21 j 09:18	15°♊45'33	0°55'47
max. Earth dist.	-1423 Jun 24 j 20:48	17°♊58'44	2.66923 AU
	-1423 Jul 13 j 17:25	0°♋	
morning rise	-1423 Aug 06 j 00:40	14°♋51'01	
	-1423 Aug 29 j 17:52	0°♌	
	-1423 Oct 15 j 09:49	0°♍	
	-1423 Nov 30 j 17:31	0°♎	
	-1422 Jan 16 j 04:47	0°♏	
	-1422 Mar 05 j 04:41	0°♐	
desc. node	-1422 Mar 15 j 15:44	6°♐12'17	
	-1422 Apr 30 j 22:30	0°♑	
retrograde	-1422 Jun 10 j 01:17	9°♑10'50	
min. Earth dist.	-1422 Jul 08 j 18:55	4°♑28'57	0.37636 AU
opposition	-1422 Jul 10 j 15:34	3°♑59'10	-6°34'17
greatest brilliancy	-1422 Jul 10 j 05:31	4°♑05'53	-2.9m
	-1422 Jul 28 j 03:16	30°℞♐	
direct	-1422 Aug 09 j 08:14	29°♐02'23	
	-1422 Aug 21 j 12:57	0°♑	
	-1422 Oct 30 j 18:44	0°♒	
	-1422 Dec 18 j 14:05	0°♓	
asc. node	-1421 Jan 16 j 01:06	18°♓10'29	
	-1421 Feb 03 j 12:03	0°♈	
	-1421 Mar 22 j 13:30	0°♉	
	-1421 May 09 j 01:07	0°♊	
evening set	-1421 Jun 12 j 11:30	21°♊44'10	
	-1421 Jun 25 j 12:23	0°♋	
max. Earth dist.	-1421 Jul 18 j 03:38	14°♋25'55	2.66327 AU
conjunction	-1421 Jul 28 j 15:54	21°♋10'46	1°10'14
minimum elong	-1421 Jul 28 j 15:49	21°♋10'38	1°10'16
	-1421 Aug 11 j 07:34	0°♌	
morning rise	-1421 Sep 11 j 13:17	20°♌27'11	
	-1421 Sep 25 j 22:01	0°♍	
	-1421 Nov 09 j 02:38	0°♎	
	-1421 Dec 21 j 23:28	0°♏	
desc. node	-1420 Jan 31 j 15:09	29°♏09'08	
	-1420 Feb 01 j 19:16	0°♐	
	-1420 Mar 14 j 04:12	0°♑	
	-1420 Apr 25 j 09:12	0°♒	
	-1420 Jun 11 j 06:40	0°♓	
retrograde	-1420 Aug 12 j 19:36	21°♓21'51	
min. Earth dist.	-1420 Sep 10 j 05:18	15°♓49'13	0.46917 AU
greatest brilliancy	-1420 Sep 17 j 08:18	13°♓18'38	-2.3m
opposition	-1420 Sep 18 j 08:04	12°♓57'35	-3°44'59
direct	-1420 Oct 21 j 08:47	6°♓08'27	
asc. node	-1420 Dec 03 j 00:07	15°♓45'36	
	-1419 Jan 03 j 04:38	0°♈	
	-1419 Feb 26 j 14:57	0°♉	
	-1419 Apr 18 j 02:25	0°♊	
	-1419 Jun 05 j 21:24	0°♋	
evening set	-1419 Jul 19 j 07:15	27°♋34'11	
	-1419 Jul 23 j 01:18	0°♌	
max. Earth dist.	-1419 Aug 11 j 17:36	12°♌52'49	2.60435 AU
conjunction	-1419 Sep 04 j 02:17	28°♌29'43	0°56'43
minimum elong	-1419 Sep 04 j 03:34	28°♌31'54	0°56'43
	-1419 Sep 06 j 07:38	0°♍	
	-1419 Oct 19 j 14:02	0°♎	
morning rise	-1419 Oct 21 j 19:59	1°♎35'43	
	-1419 Nov 30 j 01:14	0°♏	
desc. node	-1419 Dec 18 j 14:05	13°♏46'17	
	-1418 Jan 09 j 03:05	0°♐	
	-1418 Feb 17 j 10:15	0°♑	
	-1418 Mar 28 j 18:47	0°♒	
	-1418 May 08 j 08:56	0°♓	
	-1418 Jun 21 j 06:38	0°♈	
	-1418 Aug 14 j 21:10	0°♉	
retrograde	-1418 Sep 26 j 01:55	10°♉06'36	
asc. node	-1418 Oct 20 j 22:37	5°♉45'22	
min. Earth dist.	-1418 Oct 29 j 21:17	2°♉28'43	0.58987 AU
opposition	-1418 Nov 04 j 11:48	0°♉15'35	0°37'29
greatest brilliancy	-1418 Nov 04 j 08:20	0°♉19'01	-1.7m
	-1418 Nov 05 j 03:34	30°℞♈	
direct	-1418 Dec 11 j 12:24	21°♈42'11	
	-1417 Jan 20 j 23:23	0°♉	
	-1417 Mar 25 j 14:55	0°♊	
	-1417 May 16 j 21:26	0°♋	
	-1417 Jul 04 j 06:38	0°♌	
	-1417 Aug 18 j 18:08	0°♍	
evening set	-1417 Aug 29 j 04:31	7°♍08'29	
max. Earth dist.	-1417 Sep 13 j 13:35	17°♍50'39	2.49815 AU
	-1417 Sep 30 j 16:03	0°♎	
conjunction	-1417 Oct 19 j 08:34	13°♎34'29	0°11'18
minimum elong	-1417 Oct 19 j 09:10	13°♎35'35	0°11'16
behind sun begin	-1417 Oct 18 j 16:35	13°♎05'10	
behind sun end	-1417 Oct 20 j 01:44	14°♎06'01	
desc. node	-1417 Nov 05 j 12:44	26°♎18'24	
	-1417 Nov 10 j 10:58	0°♏	
morning rise	-1417 Dec 14 j 21:18	26°♏15'36	
	-1417 Dec 19 j 17:21	0°♐	
	-1416 Jan 27 j 05:09	0°♑	
	-1416 Mar 05 j 18:37	0°♒	
	-1416 Apr 14 j 07:42	0°♓	
	-1416 May 25 j 21:23	0°♈	
	-1416 Jul 09 j 23:49	0°♉	
	-1416 Sep 01 j 02:11	0°♊	
asc. node	-1416 Sep 06 j 22:28	2°♊44'56	
retrograde	-1416 Oct 31 j 08:03	17°♊21'24	
min. Earth dist.	-1416 Dec 08 j 11:37	8°♊14'43	0.66172 AU
opposition	-1416 Dec 10 j 09:54	7°♊28'09	3°16'30
greatest brilliancy	-1416 Dec 10 j 03:11	7°♊34'54	-1.4m
	-1415 Jan 01 j 10:30	30°℞♉	
direct	-1415 Jan 19 j 03:14	27°♉57'23	
	-1415 Feb 07 j 05:45	0°♊	
	-1415 Apr 21 j 22:05	0°♋	
	-1415 Jun 12 j 22:19	0°♌	
	-1415 Jul 29 j 12:07	0°♍	
	-1415 Sep 10 j 14:07	0°♎	
desc. node	-1415 Sep 22 j 12:16	8°♎39'18	
evening set	-1415 Oct 17 j 15:48	27°♎21'54	
	-1415 Oct 21 j 03:23	0°♏	
max. Earth dist.	-1415 Nov 25 j 18:08	27°♏26'41	2.37917 AU
	-1415 Nov 29 j 00:35	0°♐	
conjunction	-1415 Dec 17 j 19:35	14°♐45'29	-0°51'56
minimum elong	-1415 Dec 17 j 16:42	14°♐39'48	0°51'56
	-1414 Jan 06 j 03:28	0°♑	
	-1414 Feb 13 j 10:03	0°♒	
morning rise	-1414 Feb 24 j 17:12	8°♒44'05	
	-1414 Mar 24 j 17:09	0°♓	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1414 May 04 j 19:33	0°♈	
	-1414 Jun 17 j 10:20	0°♉	
asc. node	-1414 Jul 25 j 21:20	24°♉42'27	
	-1414 Aug 03 j 12:46	0°♊	
	-1414 Sep 26 j 10:54	0°♋	
retrograde	-1414 Dec 05 j 00:07	20°♋58'08	
opposition	-1413 Jan 13 j 13:23	11°♋34'21	4°34'16
greatest brilliancy	-1413 Jan 13 j 19:10	11°♋28'36	-1.3m
min. Earth dist.	-1413 Jan 15 j 11:33	10°♋48'30	0.67044 AU
direct	-1413 Feb 23 j 16:23	1°♋35'44	
	-1413 May 18 j 19:58	0°♌	
	-1413 Jul 08 j 05:40	0°♍	
desc. node	-1413 Aug 10 j 11:07	22°♍17'01	
	-1413 Aug 21 j 10:31	0°♎	
	-1413 Oct 01 j 06:40	0°♏	
	-1413 Nov 09 j 04:07	0°♐	
	-1413 Dec 17 j 06:16	0°♑	
evening set	-1413 Dec 23 j 03:13	4°♑37'43	
	-1412 Jan 24 j 13:38	0°♒	
conjunction	-1412 Feb 27 j 08:07	25°♒47'00	-0°55'59
minimum elong	-1412 Feb 27 j 10:42	25°♒51'50	0°55'59
	-1412 Mar 03 j 23:17	0°♓	
max. Earth dist.	-1412 Apr 14 j 11:06	0°♈13'19	2.46886 AU
	-1412 Apr 14 j 03:36	0°♈	
morning rise	-1412 Apr 29 j 20:06	11°♈02'08	
	-1412 May 27 j 12:38	0°♉	
asc. node	-1412 Jun 11 j 19:41	10°♉12'21	
	-1412 Jul 12 j 07:25	0°♊	
	-1412 Aug 29 j 22:18	0°♋	
	-1412 Oct 22 j 18:10	0°♌	
retrograde	-1411 Jan 11 j 00:32	25°♌48'17	
opposition	-1411 Feb 17 j 22:11	17°♌16'56	4°30'31
greatest brilliancy	-1411 Feb 18 j 19:36	16°♌56'23	-1.5m
min. Earth dist.	-1411 Feb 23 j 15:24	15°♌05'25	0.61376 AU
direct	-1411 Mar 30 j 21:51	7°♌23'19	
	-1411 Jun 09 j 00:01	0°♍	
desc. node	-1411 Jun 27 j 09:25	10°♍25'02	
	-1411 Jul 28 j 04:47	0°♎	
	-1411 Sep 08 j 14:05	0°♏	
	-1411 Oct 18 j 03:35	0°♐	
	-1411 Nov 25 j 16:07	0°♑	
	-1410 Jan 03 j 09:32	0°♒	
	-1410 Feb 12 j 06:14	0°♓	
evening set	-1410 Feb 26 j 08:26	10°♓18'50	
	-1410 Mar 25 j 21:24	0°♈	
conjunction	-1410 Apr 24 j 13:08	20°♈31'34	-0°03'11
minimum elong	-1410 Apr 24 j 13:18	20°♈31'50	0°03'10
behind sun begin	-1410 Apr 23 j 14:58	19°♈53'49	
behind sun end	-1410 Apr 25 j 11:38	21°♈09'49	
asc. node	-1410 Apr 29 j 19:12	24°♈05'36	
	-1410 May 08 j 13:21	0°♉	
max. Earth dist.	-1410 May 21 j 03:27	8°♉24'15	2.58700 AU
morning rise	-1410 Jun 15 j 16:43	25°♉10'42	
	-1410 Jun 23 j 03:23	0°♊	
	-1410 Aug 09 j 08:29	0°♋	
	-1410 Sep 27 j 04:24	0°♌	
	-1410 Nov 17 j 21:41	0°♍	
	-1409 Jan 20 j 06:34	0°♎	
retrograde	-1409 Feb 28 j 06:48	7°♎43'49	
opposition	-1409 Apr 04 j 01:30	0°♎41'05	2°09'54
greatest brilliancy	-1409 Apr 04 j 19:39	0°♎25'18	-2.1m
	-1409 Apr 06 j 00:38	30°♑♍	
min. Earth dist.	-1409 Apr 12 j 11:55	27°♍45'54	0.49909 AU
direct	-1409 May 12 j 07:44	22°♍03'03	
desc. node	-1409 May 15 j 08:30	22°♍06'48	
	-1409 Jun 17 j 19:33	0°♎	
	-1409 Aug 11 j 11:46	0°♏	
	-1409 Sep 23 j 09:47	0°♐	
	-1409 Nov 02 j 16:30	0°♑	
	-1409 Dec 12 j 17:10	0°♒	
	-1408 Jan 22 j 16:50	0°♓	
	-1408 Mar 05 j 07:20	0°♈	
asc. node	-1408 Mar 16 j 17:57	7°♈50'39	
evening set	-1408 Apr 17 j 04:58	28°♈59'58	
	-1408 Apr 18 j 17:10	0°♉	
	-1408 Jun 03 j 15:50	0°♊	
conjunction	-1408 Jun 06 j 07:11	1°♊42'02	0°43'27
minimum elong	-1408 Jun 06 j 05:51	1°♊39'53	0°43'27
max. Earth dist.	-1408 Jun 15 j 12:57	7°♊38'23	2.65662 AU
	-1408 Jul 20 j 13:33	0°♋	
morning rise	-1408 Jul 22 j 23:59	1°♋32'54	
	-1408 Sep 05 j 20:29	0°♌	
	-1408 Oct 23 j 06:43	0°♍	
	-1408 Dec 10 j 05:23	0°♎	
	-1407 Jan 29 j 05:08	0°♏	
	-1407 Mar 30 j 03:30	0°♐	
desc. node	-1407 Apr 01 j 08:29	0°♐49'40	
retrograde	-1407 May 08 j 18:33	8°♐28'56	
opposition	-1407 Jun 08 j 07:41	3°♐24'00	-4°25'50
greatest brilliancy	-1407 Jun 08 j 19:06	3°♐16'11	-2.9m
min. Earth dist.	-1407 Jun 11 j 20:12	2°♐26'18	0.38461 AU
	-1407 Jun 21 j 15:26	30°℞♏	
direct	-1407 Jul 09 j 17:21	27°♏53'59	
	-1407 Jul 27 j 12:55	0°♐	
	-1407 Sep 29 j 13:56	0°♑	
	-1407 Nov 14 j 20:31	0°♒	
	-1407 Dec 29 j 08:42	0°♓	
asc. node	-1406 Feb 01 j 16:16	22°♓58'13	
	-1406 Feb 12 j 06:56	0°♈	
	-1406 Mar 30 j 06:11	0°♉	
	-1406 May 16 j 03:13	0°♊	
evening set	-1406 May 28 j 13:46	7°♊54'27	
	-1406 Jul 02 j 08:03	0°♋	
max. Earth dist.	-1406 Jul 09 j 01:42	4°♋17'24	2.67200 AU
conjunction	-1406 Jul 14 j 07:01	7°♋37'13	1°07'42
minimum elong	-1406 Jul 14 j 06:23	7°♋36'12	1°07'44
	-1406 Aug 18 j 03:46	0°♌	
morning rise	-1406 Aug 28 j 02:15	6°♌26'13	
	-1406 Oct 03 j 01:37	0°♍	
	-1406 Nov 16 j 21:22	0°♎	
	-1406 Dec 30 j 17:30	0°♏	
	-1405 Feb 11 j 22:14	0°♐	
desc. node	-1405 Feb 17 j 07:21	3°♐44'48	
	-1405 Mar 27 j 07:45	0°♑	
	-1405 May 12 j 15:54	0°♒	
retrograde	-1405 Jul 22 j 21:18	26°♒25'45	
min. Earth dist.	-1405 Aug 18 j 17:03	21°♒40'58	0.42056 AU
greatest brilliancy	-1405 Aug 24 j 21:18	19°♒43'17	-2.6m
opposition	-1405 Aug 26 j 05:19	19°♒17'43	-5°40'12
direct	-1405 Sep 26 j 08:02	13°♒24'08	
	-1405 Nov 23 j 07:35	0°♓	
asc. node	-1405 Dec 20 j 15:51	14°♓04'36	
	-1404 Jan 17 j 17:16	0°♈	
	-1404 Mar 07 j 20:55	0°♉	
	-1404 Apr 25 j 19:39	0°♊	
	-1404 Jun 12 j 23:10	0°♋	
evening set	-1404 Jul 04 j 11:29	13°♋37'46	
	-1404 Jul 29 j 22:17	0°♌	
max. Earth dist.	-1404 Aug 01 j 07:14	1°♌32'33	2.63361 AU

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

conjunction	-1404 Aug 19 j 16:00	13°♌34'33	1°05'35
minimum elong	-1404 Aug 19 j 16:50	13°♌35'55	1°05'36
	-1404 Sep 13 j 06:33	0°♍	
morning rise	-1404 Oct 04 j 18:34	14°♍39'21	
	-1404 Oct 26 j 19:59	0°♎	
	-1404 Dec 07 j 17:35	0°♏	
desc. node	-1403 Jan 04 j 07:01	20°♏17'00	
	-1403 Jan 17 j 07:53	0°♐	
	-1403 Feb 26 j 04:17	0°♑	
	-1403 Apr 07 j 04:11	0°♒	
	-1403 May 18 j 19:40	0°♓	
	-1403 Jul 04 j 18:43	0°♈	
retrograde	-1403 Sep 10 j 07:20	23°♈18'56	
min. Earth dist.	-1403 Oct 12 j 02:18	16°♈25'32	0.54670 AU
opposition	-1403 Oct 18 j 23:09	13°♈46'28	-0°51'37
greatest brilliancy	-1403 Oct 18 j 18:14	13°♈51'13	-1.9m
asc. node	-1403 Nov 06 j 14:36	7°♈43'52	
direct	-1403 Nov 23 j 13:34	5°♈46'53	
	-1402 Feb 07 j 20:34	0°♉	
	-1402 Apr 04 j 04:19	0°♊	
	-1402 May 24 j 15:45	0°♋	
	-1402 Jul 11 j 10:40	0°♌	
evening set	-1402 Aug 12 j 13:01	21°♌04'08	
	-1402 Aug 25 j 19:01	0°♍	
max. Earth dist.	-1402 Aug 30 j 04:35	2°♍59'46	2.54478 AU
conjunction	-1402 Sep 30 j 09:30	24°♍42'57	0°32'49
minimum elong	-1402 Sep 30 j 10:50	24°♍45'20	0°32'47
	-1402 Oct 07 j 19:33	0°♎	
	-1402 Nov 17 j 19:48	0°♏	
morning rise	-1402 Nov 21 j 12:33	2°♏45'57	
desc. node	-1402 Nov 22 j 06:44	3°♏20'02	
	-1402 Dec 27 j 08:29	0°♐	
	-1401 Feb 04 j 02:02	0°♑	
	-1401 Mar 14 j 20:27	0°♒	
	-1401 Apr 23 j 15:08	0°♓	
	-1401 Jun 04 j 16:09	0°♈	
	-1401 Jul 21 j 07:17	0°♉	
	-1401 Sep 23 j 09:29	0°♊	
asc. node	-1401 Sep 24 j 13:01	0°♊18'59	
retrograde	-1401 Oct 18 j 17:18	3°♊48'45	
	-1401 Nov 11 j 06:17	30°℞♉	
min. Earth dist.	-1401 Nov 24 j 07:25	25°♉13'13	0.64082 AU
opposition	-1401 Nov 27 j 17:11	23°♉51'02	2°25'44
greatest brilliancy	-1401 Nov 27 j 08:57	23°♉59'20	-1.5m
direct	-1400 Jan 05 j 13:04	14°♉38'43	
	-1400 Mar 04 j 03:10	0°♊	
	-1400 May 01 j 18:14	0°♋	
	-1400 Jun 20 j 20:48	0°♌	
	-1400 Aug 05 j 21:21	0°♍	
	-1400 Sep 17 j 20:48	0°♎	
evening set	-1400 Sep 26 j 06:25	6°♎04'51	
desc. node	-1400 Oct 09 j 05:10	15°♎34'56	
max. Earth dist.	-1400 Oct 14 j 13:30	19°♎33'05	2.42103 AU
	-1400 Oct 28 j 11:40	0°♏	
conjunction	-1400 Nov 21 j 20:16	18°♏37'39	-0°28'41
minimum elong	-1400 Nov 21 j 18:21	18°♏33'56	0°28'40
	-1400 Dec 06 j 11:55	0°♐	
	-1399 Jan 13 j 17:29	0°♑	
morning rise	-1399 Jan 25 j 20:32	9°♑31'50	
	-1399 Feb 21 j 01:38	0°♒	
	-1399 Apr 01 j 09:27	0°♓	
	-1399 May 12 j 13:19	0°♈	
	-1399 Jun 25 j 11:20	0°♉	
asc. node	-1399 Aug 11 j 13:06	29°♉17'14	
	-1399 Aug 12 j 18:33	0°♊	

	-1399 Oct 12 j 16:02	0°♋	
retrograde	-1399 Nov 21 j 10:24	8°♋12'11	
	-1399 Dec 27 j 17:15	30°℞♊	
opposition	-1399 Dec 31 j 07:32	28°♊34'05	4°13'01
greatest brilliancy	-1399 Dec 31 j 07:23	28°♊34'13	-1.3m
min. Earth dist.	-1399 Dec 31 j 17:10	28°♊24'27	0.67477 AU