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

superior conj	-1899 Mar 17 j 21:28	10°♓59'33	-1°13'36
minimum elong	-1899 Mar 18 j 05:36	11°♓24'35	1°13'26
max. Earth dist.	-1899 Mar 19 j 16:18	13°♓11'20	1.73343 AU
	-1899 Apr 02 j 08:23	0°♈	
evening rise	-1899 Apr 23 j 22:38	26°♈30'11	
asc. node	-1899 Apr 24 j 19:45	27°♈34'52	
	-1899 Apr 26 j 19:06	0°♉	
	-1899 May 21 j 07:12	0°♊	
	-1899 Jun 14 j 20:48	0°♋	
	-1899 Jul 09 j 12:55	0°♌	
	-1899 Aug 03 j 09:48	0°♍	
desc. node	-1899 Aug 14 j 11:12	13°♍12'58	
	-1899 Aug 28 j 15:20	0°♎	
	-1899 Sep 23 j 13:31	0°♏	
	-1899 Oct 21 j 04:14	0°♐	
evening max el	-1899 Oct 21 j 22:31	0°♐46'41	47°30'01
	-1899 Nov 25 j 23:36	0°♑	
greatest brilliancy	-1899 Dec 01 j 10:26	2°♑32'22	-4.9m
asc. node	-1899 Dec 05 j 12:09	3°♑50'34	
retrograde	-1899 Dec 12 j 00:23	4°♑40'53	
evening set	-1899 Dec 27 j 11:51	29°♐49'59	
	-1899 Dec 27 j 04:51	30°℞♐	
min. Earth dist.	-1899 Dec 31 j 16:32	27°♐17'08	0.27305 AU
inferior conj	-1898 Jan 01 j 19:14	26°♐35'14	6°10'35
minimum elong	-1898 Jan 01 j 09:30	26°♐50'30	6°08'27
morning rise	-1898 Jan 06 j 07:55	23°♐49'30	
direct	-1898 Jan 22 j 09:43	18°♐45'22	
greatest brilliancy	-1898 Jan 31 j 04:13	20°♐12'50	-4.8m
	-1898 Feb 18 j 00:07	0°♑	
morning max el	-1898 Mar 12 j 15:52	19°♑36'32	46°06'15
	-1898 Mar 23 j 01:59	0°♒	
desc. node	-1898 Mar 27 j 04:11	4°♒13'48	
	-1898 Apr 19 j 23:39	0°♓	
	-1898 May 16 j 08:18	0°♈	
	-1898 Jun 10 j 21:35	0°♉	
	-1898 Jul 05 j 21:05	0°♊	
asc. node	-1898 Jul 18 j 05:21	15°♊02'42	
	-1898 Jul 30 j 09:18	0°♋	
	-1898 Aug 23 j 12:40	0°♌	
morning set	-1898 Sep 05 j 17:59	16°♌34'19	
	-1898 Sep 16 j 10:16	0°♍	
	-1898 Oct 10 j 05:28	0°♎	
superior conj	-1898 Oct 15 j 04:15	6°♎14'22	0°50'10
minimum elong	-1898 Oct 15 j 14:54	6°♎47'58	0°49'44
max. Earth dist.	-1898 Oct 15 j 20:57	7°♎07'00	1.70954 AU
	-1898 Nov 03 j 00:51	0°♏	
desc. node	-1898 Nov 06 j 21:15	4°♏50'43	
evening rise	-1898 Nov 26 j 05:35	29°♏08'49	
	-1898 Nov 26 j 21:55	0°♐	
	-1898 Dec 20 j 21:31	0°♑	
	-1897 Jan 14 j 00:58	0°♒	
	-1897 Feb 07 j 10:38	0°♓	
asc. node	-1897 Feb 27 j 21:45	24°♓47'08	
	-1897 Mar 04 j 06:09	0°♈	
	-1897 Mar 29 j 17:00	0°♉	
	-1897 Apr 25 j 05:20	0°♊	
	-1897 May 24 j 00:06	0°♋	
evening max el	-1897 May 26 j 07:28	2°♋13'04	45°25'27
desc. node	-1897 Jun 19 j 13:33	22°♋28'13	
	-1897 Jul 03 j 19:09	0°♌	
greatest brilliancy	-1897 Jul 04 j 07:21	0°♌10'29	-4.8m
retrograde	-1897 Jul 14 j 00:29	1°♌52'20	
	-1897 Jul 23 j 20:14	30°℞♋	
evening set	-1897 Jul 31 j 06:54	26°♋21'27	

inferior conj	-1897 Aug 04 j 04:04	24°♋01'41	-8°20'03
minimum elong	-1897 Aug 03 j 21:32	24°♋11'41	8°19'23
min. Earth dist.	-1897 Aug 04 j 14:26	23°♋45'49	0.27940 AU
morning rise	-1897 Aug 07 j 11:53	22°♋00'42	
direct	-1897 Aug 25 j 09:02	16°♋01'07	
greatest brilliancy	-1897 Sep 05 j 09:04	18°♋14'25	-4.9m
	-1897 Sep 24 j 09:29	0°♌	
asc. node	-1897 Oct 10 j 14:35	14°♌36'12	
morning max el	-1897 Oct 14 j 21:50	18°♌54'46	46°48'25
	-1897 Oct 25 j 10:51	0°♍	
	-1897 Nov 20 j 22:16	0°♎	
	-1897 Dec 16 j 02:42	0°♏	
	-1896 Jan 09 j 20:32	0°♐	
desc. node	-1896 Jan 30 j 06:43	24°♐53'39	
	-1896 Feb 03 j 11:10	0°♑	
	-1896 Feb 28 j 01:01	0°♒	
	-1896 Mar 23 j 14:35	0°♓	
	-1896 Apr 17 j 03:36	0°♈	
morning set	-1896 Apr 18 j 11:38	1°♈38'00	
	-1896 May 11 j 15:22	0°♉	
max. Earth dist.	-1896 May 22 j 04:44	12°♉57'49	1.73591 AU
asc. node	-1896 May 22 j 07:46	13°♉07'10	
superior conj	-1896 May 24 j 15:25	15°♉58'08	0°05'30
minimum elong	-1896 May 24 j 14:19	15°♉54'44	0°05'29
behind sun begin	-1896 May 23 j 17:21	14°♉50'19	
behind sun end	-1896 May 25 j 11:16	16°♉59'10	
	-1896 Jun 05 j 01:07	0°♊	
evening rise	-1896 Jun 29 j 07:00	29°♊55'25	
	-1896 Jun 29 j 08:29	0°♋	
	-1896 Jul 23 j 14:07	0°♌	
	-1896 Aug 16 j 19:27	0°♍	
	-1896 Sep 10 j 02:17	0°♎	
desc. node	-1896 Sep 10 j 23:13	1°♎04'30	
	-1896 Oct 04 j 12:25	0°♏	
	-1896 Oct 29 j 04:41	0°♐	
	-1896 Nov 23 j 09:51	0°♑	
	-1896 Dec 19 j 22:27	0°♒	
evening max el	-1895 Jan 01 j 00:08	12°♒38'45	46°35'05
asc. node	-1895 Jan 01 j 23:56	13°♒38'39	
	-1895 Jan 19 j 17:53	0°♓	
greatest brilliancy	-1895 Feb 09 j 12:27	13°♓04'38	-4.8m
retrograde	-1895 Feb 20 j 05:02	15°♓13'08	
evening set	-1895 Mar 09 j 17:18	9°♓17'50	
inferior conj	-1895 Mar 13 j 14:14	6°♓52'03	7°36'29
minimum elong	-1895 Mar 13 j 21:23	6°♓40'39	7°35'37
min. Earth dist.	-1895 Mar 13 j 14:27	6°♓51'43	0.29016 AU
morning rise	-1895 Mar 18 j 01:37	4°♓04'32	
	-1895 Mar 26 j 11:44	30°℞♒	
direct	-1895 Apr 04 j 00:52	28°♒32'17	
	-1895 Apr 13 j 00:03	0°♓	
greatest brilliancy	-1895 Apr 13 j 19:23	0°♓15'45	-4.7m
desc. node	-1895 Apr 23 j 15:53	4°♓53'40	
morning max el	-1895 May 22 j 19:30	28°♓16'11	45°46'37
	-1895 May 24 j 14:49	0°♈	
	-1895 Jun 22 j 11:31	0°♉	
	-1895 Jul 18 j 23:06	0°♊	
	-1895 Aug 13 j 06:02	0°♋	
asc. node	-1895 Aug 14 j 17:12	1°♋46'10	
	-1895 Sep 06 j 19:00	0°♌	
	-1895 Sep 30 j 21:02	0°♍	
	-1895 Oct 24 j 17:46	0°♎	
	-1895 Nov 17 j 13:23	0°♏	
morning set	-1895 Nov 20 j 02:08	3°♏11'09	
desc. node	-1895 Dec 04 j 09:07	21°♏09'15	

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

	-1895 Dec 11 j 10:18	0°♐	
superior conj	-1894 Jan 01 j 05:26	26°♐02'20	-0°59'13
minimum elong	-1895 Dec 31 j 17:52	25°♐26'15	0°58'52
	-1894 Jan 04 j 09:32	0°♑	
max. Earth dist.	-1894 Jan 05 j 11:13	1°♑20'11	1.71762 AU
	-1894 Jan 28 j 11:38	0°♒	
evening rise	-1894 Feb 10 j 13:37	16°♒13'11	
	-1894 Feb 21 j 17:16	0°♓	
	-1894 Mar 18 j 03:25	0°♈	
asc. node	-1894 Mar 27 j 09:52	11°♈18'55	
	-1894 Apr 11 j 19:13	0°♉	
	-1894 May 06 j 18:08	0°♊	
	-1894 Jun 01 j 02:54	0°♋	
	-1894 Jun 27 j 03:43	0°♌	
desc. node	-1894 Jul 17 j 01:16	22°♌01'38	
	-1894 Jul 24 j 12:48	0°♍	
evening max el	-1894 Aug 07 j 12:01	14°♍12'06	46°40'52
	-1894 Aug 24 j 22:47	0°♎	
greatest brilliancy	-1894 Sep 17 j 09:44	14°♎17'16	-4.9m
retrograde	-1894 Sep 26 j 12:33	15°♎51'00	
evening set	-1894 Oct 12 j 02:38	11°♎07'17	
inferior conj	-1894 Oct 17 j 01:56	8°♎11'48	-5°07'14
minimum elong	-1894 Oct 17 j 11:55	7°♎56'43	5°04'34
min. Earth dist.	-1894 Oct 17 j 10:42	7°♎58'33	0.26459 AU
morning rise	-1894 Oct 22 j 20:56	4°♎49'16	
direct	-1894 Nov 06 j 10:26	0°♎34'52	
asc. node	-1894 Nov 07 j 02:24	0°♎35'24	
greatest brilliancy	-1894 Nov 16 j 23:27	2°♎42'18	-4.9m
	-1894 Dec 23 j 03:52	0°♏	
morning max el	-1894 Dec 27 j 01:11	3°♏52'40	46°46'48
	-1893 Jan 20 j 11:17	0°♐	
	-1893 Feb 15 j 19:00	0°♑	
desc. node	-1893 Feb 26 j 18:35	12°♑47'57	
	-1893 Mar 13 j 09:24	0°♒	
	-1893 Apr 07 j 15:04	0°♓	
	-1893 May 02 j 14:44	0°♈	
	-1893 May 27 j 08:58	0°♉	
asc. node	-1893 Jun 19 j 19:35	28°♉40'26	
	-1893 Jun 20 j 21:29	0°♊	
morning set	-1893 Jun 25 j 12:31	5°♊41'34	
	-1893 Jul 15 j 04:16	0°♋	
max. Earth dist.	-1893 Jul 28 j 00:45	15°♋59'05	1.72258 AU
superior conj	-1893 Aug 01 j 02:03	21°♋02'19	1°18'13
minimum elong	-1893 Jul 31 j 19:42	20°♋42'34	1°18'09
	-1893 Aug 08 j 06:16	0°♌	
	-1893 Sep 01 j 05:24	0°♍	
evening rise	-1893 Sep 07 j 18:32	8°♍12'32	
	-1893 Sep 25 j 03:47	0°♎	
desc. node	-1893 Oct 09 j 11:22	17°♎55'31	
	-1893 Oct 19 j 03:09	0°♏	
	-1893 Nov 12 j 04:48	0°♐	
	-1893 Dec 06 j 10:34	0°♑	
	-1893 Dec 31 j 00:16	0°♒	
	-1892 Jan 25 j 05:37	0°♓	
asc. node	-1892 Jan 30 j 11:50	6°♓05'59	
	-1892 Feb 20 j 18:59	0°♈	
evening max el	-1892 Mar 13 j 00:57	21°♈54'00	45°23'37
	-1892 Mar 21 j 18:36	0°♉	
greatest brilliancy	-1892 Apr 19 j 14:38	19°♉25'53	-4.7m
retrograde	-1892 Apr 30 j 11:32	21°♉32'09	
evening set	-1892 May 15 j 11:42	17°♉12'32	
desc. node	-1892 May 21 j 03:43	13°♉51'07	
inferior conj	-1892 May 21 j 21:38	13°♉23'13	-0°10'25
minimum elong	-1892 May 21 j 21:15	13°♉23'49	0°10'17
transit middle	-1892 May 21 j 21:15	13°♉23'49	0°10'17
transit begin	-1892 May 21 j 18:07	13°♉28'43	
transit end	-1892 May 22 j 00:24	13°♉18'55	
min. Earth dist.	-1892 May 22 j 06:51	13°♉08'51	0.28934 AU
morning rise	-1892 May 28 j 06:33	9°♉34'41	
direct	-1892 Jun 12 j 15:59	5°♉04'09	
greatest brilliancy	-1892 Jun 23 j 10:23	7°♉09'10	-4.7m
	-1892 Jul 26 j 01:43	0°♊	
morning max el	-1892 Aug 01 j 00:11	5°♊38'15	46°09'01
	-1892 Aug 24 j 07:54	0°♋	
asc. node	-1892 Sep 11 j 05:03	20°♋17'05	
	-1892 Sep 19 j 11:51	0°♌	
	-1892 Oct 14 j 09:03	0°♍	
	-1892 Nov 07 j 16:02	0°♎	
	-1892 Dec 01 j 17:48	0°♏	
	-1892 Dec 25 j 19:12	0°♐	
desc. node	-1892 Dec 31 j 20:55	7°♐33'32	
	-1891 Jan 18 j 22:13	0°♑	
morning set	-1891 Feb 04 j 21:37	21°♑02'43	
	-1891 Feb 12 j 03:17	0°♒	
	-1891 Mar 08 j 10:21	0°♓	
superior conj	-1891 Mar 15 j 13:46	8°♓48'00	-1°15'11
minimum elong	-1891 Mar 15 j 21:33	9°♓11'59	1°15'02
max. Earth dist.	-1891 Mar 17 j 13:41	11°♓15'34	1.73300 AU
	-1891 Apr 01 j 19:20	0°♈	
evening rise	-1891 Apr 21 j 17:03	24°♈25'50	
asc. node	-1891 Apr 23 j 21:56	27°♈07'54	
	-1891 Apr 26 j 06:06	0°♉	
	-1891 May 20 j 18:22	0°♊	
	-1891 Jun 14 j 08:19	0°♋	
	-1891 Jul 09 j 01:00	0°♌	
	-1891 Aug 02 j 22:45	0°♍	
desc. node	-1891 Aug 13 j 13:13	12°♍38'54	
	-1891 Aug 28 j 05:39	0°♎	
	-1891 Sep 23 j 06:20	0°♏	
evening max el	-1891 Oct 19 j 13:23	28°♏23'47	47°30'04
	-1891 Oct 21 j 03:23	0°♐	
	-1891 Nov 28 j 17:18	0°♑	
greatest brilliancy	-1891 Nov 29 j 02:01	0°♑08'30	-4.9m
asc. node	-1891 Dec 04 j 14:08	1°♑45'18	
retrograde	-1891 Dec 09 j 14:22	2°♑15'20	
	-1891 Dec 19 j 23:57	30°℞♐	
evening set	-1891 Dec 24 j 23:01	27°♐29'43	
min. Earth dist.	-1891 Dec 29 j 06:49	24°♐52'26	0.27231 AU
inferior conj	-1891 Dec 30 j 09:05	24°♐11'11	5°55'00
minimum elong	-1891 Dec 29 j 23:23	24°♐26'26	5°52'45
morning rise	-1890 Jan 04 j 00:29	21°♐21'25	
direct	-1890 Jan 19 j 22:49	16°♐22'39	
greatest brilliancy	-1890 Jan 28 j 18:13	17°♐50'35	-4.8m
	-1890 Feb 18 j 16:35	0°♑	
morning max el	-1890 Mar 10 j 04:58	17°♑15'27	46°07'34
	-1890 Mar 22 j 21:35	0°♒	
desc. node	-1890 Mar 26 j 06:21	3°♒30'29	
	-1890 Apr 19 j 14:43	0°♓	
	-1890 May 15 j 21:26	0°♈	
	-1890 Jun 10 j 09:43	0°♉	
	-1890 Jul 05 j 08:40	0°♊	
asc. node	-1890 Jul 17 j 07:26	14°♊34'10	
	-1890 Jul 29 j 20:37	0°♋	
	-1890 Aug 22 j 23:52	0°♌	
morning set	-1890 Sep 03 j 08:06	14°♌12'44	
	-1890 Sep 15 j 21:29	0°♍	
	-1890 Oct 09 j 16:45	0°♎	
superior conj	-1890 Oct 12 j 15:04	3°♎41'36	0°53'14
minimum elong	-1890 Oct 13 j 01:56	4°♎15'53	0°52'49
max. Earth dist.	-1890 Oct 12 j 22:29	4°♎04'58	1.70969 AU

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

	-1890 Nov 02 j 12:13	0°♏	
desc. node	-1890 Nov 05 j 23:20	4°♏21'29	
evening rise	-1890 Nov 23 j 14:32	26°♏30'36	
	-1890 Nov 26 j 09:19	0°♐	
	-1890 Dec 20 j 08:59	0°♑	
	-1889 Jan 13 j 12:34	0°♒	
	-1889 Feb 06 j 22:31	0°♓	
asc. node	-1889 Feb 26 j 23:55	24°♓16'40	
	-1889 Mar 03 j 18:36	0°♈	
	-1889 Mar 29 j 06:33	0°♉	
	-1889 Apr 24 j 21:18	0°♊	
	-1889 May 23 j 22:56	0°♋	
evening max el	-1889 May 23 j 21:09	29°♊55'45	45°24'01
desc. node	-1889 Jun 18 j 15:33	21°♋11'18	
greatest brilliancy	-1889 Jul 01 j 19:48	27°♋52'10	-4.7m
retrograde	-1889 Jul 11 j 14:15	29°♋35'31	
evening set	-1889 Jul 28 j 17:27	24°♋09'04	
inferior conj	-1889 Aug 01 j 18:24	21°♋44'03	-8°12'06
minimum elong	-1889 Aug 01 j 11:13	21°♋55'03	8°11'17
min. Earth dist.	-1889 Aug 02 j 04:31	21°♋28'36	0.27990 AU
morning rise	-1889 Aug 05 j 04:40	19°♋39'33	
direct	-1889 Aug 22 j 23:35	13°♋42'23	
greatest brilliancy	-1889 Sep 03 j 00:47	15°♋56'34	-4.9m
	-1889 Sep 24 j 20:42	0°♌	
asc. node	-1889 Oct 09 j 16:46	13°♌42'20	
morning max el	-1889 Oct 12 j 11:51	16°♌31'01	46°47'29
	-1889 Oct 25 j 05:59	0°♍	
	-1889 Nov 20 j 13:38	0°♎	
	-1889 Dec 15 j 16:25	0°♏	
	-1888 Jan 09 j 09:18	0°♐	
desc. node	-1888 Jan 29 j 08:51	24°♐22'55	
	-1888 Feb 02 j 23:17	0°♑	
	-1888 Feb 27 j 12:41	0°♒	
	-1888 Mar 23 j 01:55	0°♓	
morning set	-1888 Apr 16 j 05:36	29°♓32'06	
	-1888 Apr 16 j 14:43	0°♈	
	-1888 May 11 j 02:23	0°♉	
max. Earth dist.	-1888 May 20 j 02:41	11°♉04'04	1.73612 AU
asc. node	-1888 May 21 j 09:47	12°♉39'35	
superior conj	-1888 May 22 j 10:12	13°♉54'37	0°02'26
minimum elong	-1888 May 22 j 09:43	13°♉53'09	0°02'26
behind sun begin	-1888 May 21 j 11:46	12°♉45'39	
behind sun end	-1888 May 23 j 07:41	15°♉00'39	
	-1888 Jun 04 j 12:06	0°♊	
evening rise	-1888 Jun 27 j 02:03	27°♊51'47	
	-1888 Jun 28 j 19:33	0°♋	
	-1888 Jul 23 j 01:23	0°♌	
	-1888 Aug 16 j 07:03	0°♍	
	-1888 Sep 09 j 14:19	0°♎	
desc. node	-1888 Sep 10 j 01:26	0°♎34'12	
	-1888 Oct 04 j 01:03	0°♏	
	-1888 Oct 28 j 18:11	0°♐	
	-1888 Nov 23 j 00:55	0°♑	
	-1888 Dec 19 j 17:11	0°♒	
evening max el	-1888 Dec 29 j 15:14	10°♒20'36	46°38'02
asc. node	-1887 Jan 01 j 02:01	12°♒47'54	
	-1887 Jan 20 j 04:56	0°♓	
greatest brilliancy	-1887 Feb 07 j 04:35	10°♓52'01	-4.8m
retrograde	-1887 Feb 17 j 22:06	13°♓01'42	
evening set	-1887 Mar 07 j 11:47	7°♓02'51	
inferior conj	-1887 Mar 11 j 06:41	4°♓40'18	7°44'41
minimum elong	-1887 Mar 11 j 13:22	4°♓29'41	7°43'56
min. Earth dist.	-1887 Mar 11 j 05:44	4°♓41'49	0.28991 AU
morning rise	-1887 Mar 15 j 15:05	1°♓57'29	
	-1887 Mar 19 j 02:55	30°♓℞	
direct	-1887 Apr 01 j 16:38	26°♒20'53	
greatest brilliancy	-1887 Apr 11 j 10:07	28°♒03'52	-4.7m
	-1887 Apr 16 j 04:49	0°♓	
desc. node	-1887 Apr 22 j 17:59	3°♓34'15	
morning max el	-1887 May 20 j 12:17	26°♓07'43	45°46'38
	-1887 May 24 j 12:28	0°♈	
	-1887 Jun 22 j 03:07	0°♉	
	-1887 Jul 18 j 12:28	0°♊	
	-1887 Aug 12 j 18:21	0°♋	
asc. node	-1887 Aug 13 j 19:21	1°♋15'34	
	-1887 Sep 06 j 06:47	0°♌	
	-1887 Sep 30 j 08:32	0°♍	
	-1887 Oct 24 j 05:08	0°♎	
	-1887 Nov 17 j 00:41	0°♏	
morning set	-1887 Nov 17 j 12:11	0°♏36'10	
desc. node	-1887 Dec 03 j 11:07	20°♏40'07	
	-1887 Dec 10 j 21:33	0°♐	
superior conj	-1887 Dec 29 j 15:34	23°♐28'57	-0°56'22
minimum elong	-1887 Dec 29 j 04:03	22°♐52'57	0°55'59
max. Earth dist.	-1886 Jan 02 j 20:07	28°♐43'06	1.71714 AU
	-1886 Jan 03 j 20:45	0°♑	
	-1886 Jan 27 j 22:49	0°♒	
evening rise	-1886 Feb 08 j 02:41	13°♒50'31	
	-1886 Feb 21 j 04:28	0°♓	
	-1886 Mar 17 j 14:43	0°♈	
asc. node	-1886 Mar 26 j 12:00	10°♈50'39	
	-1886 Apr 11 j 06:49	0°♉	
	-1886 May 06 j 06:20	0°♊	
	-1886 May 31 j 16:11	0°♋	
	-1886 Jun 26 j 18:59	0°♌	
desc. node	-1886 Jul 16 j 03:24	21°♌18'54	
	-1886 Jul 24 j 08:33	0°♍	
evening max el	-1886 Aug 05 j 02:11	11°♍51'11	46°38'05
	-1886 Aug 25 j 12:58	0°♎	
greatest brilliancy	-1886 Sep 14 j 21:41	11°♎48'20	-4.9m
retrograde	-1886 Sep 24 j 00:56	13°♎21'52	
evening set	-1886 Oct 09 j 17:52	8°♎34'01	
inferior conj	-1886 Oct 14 j 14:01	5°♎42'45	-5°26'56
minimum elong	-1886 Oct 15 j 00:20	5°♎27'09	5°24'17
min. Earth dist.	-1886 Oct 14 j 23:26	5°♎28'30	0.26489 AU
morning rise	-1886 Oct 20 j 06:35	2°♎23'38	
	-1886 Oct 25 j 08:56	30°℞♍	
direct	-1886 Nov 03 j 23:42	28°♍05'38	
asc. node	-1886 Nov 06 j 04:20	28°♍11'31	
	-1886 Nov 13 j 22:25	0°♎	
greatest brilliancy	-1886 Nov 14 j 12:26	0°♎13'11	-4.9m
	-1886 Dec 23 j 04:05	0°♏	
morning max el	-1886 Dec 24 j 15:13	1°♏28'26	46°47'34
	-1885 Jan 20 j 04:13	0°♐	
	-1885 Feb 15 j 09:15	0°♑	
desc. node	-1885 Feb 25 j 20:45	12°♑14'35	
	-1885 Mar 12 j 22:16	0°♒	
	-1885 Apr 07 j 03:05	0°♓	
	-1885 May 02 j 02:12	0°♈	
	-1885 May 26 j 20:05	0°♉	
asc. node	-1885 Jun 18 j 21:40	28°♉13'11	
	-1885 Jun 20 j 08:26	0°♊	
morning set	-1885 Jun 23 j 06:24	3°♊35'12	
	-1885 Jul 14 j 15:11	0°♋	
max. Earth dist.	-1885 Jul 25 j 14:27	13°♋38'13	1.72317 AU
superior conj	-1885 Jul 29 j 18:50	18°♋50'54	1°16'56
minimum elong	-1885 Jul 29 j 12:03	18°♋29'45	1°16'50
	-1885 Aug 07 j 17:16	0°♌	
	-1885 Aug 31 j 16:30	0°♍	
evening rise	-1885 Sep 05 j 07:57	5°♍49'14	
	-1885 Sep 24 j 15:02	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	-1885 Oct 08 j 13:25	17°♎26'24	
	-1885 Oct 18 j 14:34	0°♏	
	-1885 Nov 11 j 16:28	0°♐	
	-1885 Dec 05 j 22:35	0°♑	
	-1885 Dec 30 j 12:52	0°♒	
	-1884 Jan 24 j 19:27	0°♓	
asc. node	-1884 Jan 29 j 13:58	5°♓31'10	
	-1884 Feb 20 j 11:45	0°♈	
evening max el	-1884 Mar 10 j 16:50	19°♈43'07	45°24'59
	-1884 Mar 21 j 22:00	0°♉	
greatest brilliancy	-1884 Apr 17 j 07:27	17°♉18'09	-4.7m
retrograde	-1884 Apr 28 j 03:17	19°♉23'37	
evening set	-1884 May 13 j 04:49	15°♉02'59	
inferior conj	-1884 May 19 j 13:58	11°♉14'23	0°09'09
minimum elong	-1884 May 19 j 14:18	11°♉13'51	0°09'05
transit middle	-1884 May 19 j 14:18	11°♉13'51	0°09'05
transit begin	-1884 May 19 j 10:56	11°♉19'06	
transit end	-1884 May 19 j 17:40	11°♉08'36	
min. Earth dist.	-1884 May 19 j 23:32	10°♉59'26	0.28954 AU
desc. node	-1884 May 20 j 05:42	10°♉49'48	
morning rise	-1884 May 25 j 23:30	7°♉24'26	
direct	-1884 Jun 10 j 08:28	2°♉55'04	
greatest brilliancy	-1884 Jun 21 j 02:15	4°♉59'10	-4.7m
	-1884 Jul 26 j 02:01	0°♊	
morning max el	-1884 Jul 29 j 14:45	3°♊23'00	46°07'38
	-1884 Aug 24 j 00:14	0°♋	
asc. node	-1884 Sep 10 j 07:12	19°♋41'27	
	-1884 Sep 19 j 01:39	0°♌	
	-1884 Oct 13 j 21:42	0°♍	
	-1884 Nov 07 j 04:03	0°♎	
	-1884 Dec 01 j 05:25	0°♏	
	-1884 Dec 25 j 06:33	0°♐	
desc. node	-1884 Dec 30 j 23:06	7°♐05'17	
	-1883 Jan 18 j 09:19	0°♑	
morning set	-1883 Feb 02 j 10:37	18°♑40'26	
	-1883 Feb 11 j 14:12	0°♒	
	-1883 Mar 07 j 21:08	0°♓	
superior conj	-1883 Mar 13 j 06:00	6°♓36'59	-1°16'40
minimum elong	-1883 Mar 13 j 13:22	6°♓59'40	1°16'31
max. Earth dist.	-1883 Mar 15 j 10:07	9°♓17'27	1.73262 AU
	-1883 Apr 01 j 06:06	0°♈	
evening rise	-1883 Apr 19 j 11:10	22°♈21'02	
asc. node	-1883 Apr 22 j 23:54	26°♈40'46	
	-1883 Apr 25 j 16:56	0°♉	
	-1883 May 20 j 05:25	0°♊	
	-1883 Jun 13 j 19:42	0°♋	
	-1883 Jul 08 j 12:57	0°♌	
	-1883 Aug 02 j 11:34	0°♍	
desc. node	-1883 Aug 12 j 15:24	12°♍05'44	
	-1883 Aug 27 j 19:54	0°♎	
	-1883 Sep 22 j 23:14	0°♏	
evening max el	-1883 Oct 17 j 03:24	25°♏59'28	47°30'06
	-1883 Oct 21 j 03:12	0°♐	
greatest brilliancy	-1883 Nov 26 j 17:57	27°♐45'55	-4.9m
asc. node	-1883 Dec 03 j 16:16	29°♐36'18	
retrograde	-1883 Dec 07 j 04:11	29°♐51'05	
evening set	-1883 Dec 22 j 10:22	25°♐10'18	
min. Earth dist.	-1883 Dec 26 j 21:27	22°♐28'37	0.27156 AU
inferior conj	-1883 Dec 27 j 23:03	21°♐48'27	5°38'41
minimum elong	-1883 Dec 27 j 13:26	22°♐03'33	5°36'22
morning rise	-1882 Jan 01 j 17:11	18°♐54'45	
direct	-1882 Jan 17 j 11:32	14°♐01'05	
greatest brilliancy	-1882 Jan 26 j 08:43	15°♐30'12	-4.8m
	-1882 Feb 19 j 04:15	0°♑	
morning max el	-1882 Mar 07 j 17:57	14°♑55'16	46°08'54
	-1882 Mar 22 j 16:09	0°♒	
desc. node	-1882 Mar 25 j 08:28	2°♒48'54	
	-1882 Apr 19 j 05:12	0°♓	
	-1882 May 15 j 10:11	0°♈	
	-1882 Jun 09 j 21:33	0°♉	
	-1882 Jul 04 j 20:00	0°♊	
asc. node	-1882 Jul 16 j 09:39	14°♊06'47	
	-1882 Jul 29 j 07:40	0°♋	
	-1882 Aug 22 j 10:48	0°♌	
morning set	-1882 Aug 31 j 22:10	11°♌51'58	
	-1882 Sep 15 j 08:24	0°♍	
	-1882 Oct 09 j 03:44	0°♎	
superior conj	-1882 Oct 10 j 01:55	1°♎09'56	0°56'11
minimum elong	-1882 Oct 10 j 12:55	1°♎44'38	0°55'47
max. Earth dist.	-1882 Oct 10 j 02:53	1°♎12'59	1.70987 AU
	-1882 Nov 01 j 23:16	0°♏	
desc. node	-1882 Nov 05 j 01:20	3°♏53'00	
evening rise	-1882 Nov 20 j 23:36	23°♏53'42	
	-1882 Nov 25 j 20:25	0°♐	
	-1882 Dec 19 j 20:08	0°♑	
	-1881 Jan 12 j 23:49	0°♒	
	-1881 Feb 06 j 10:01	0°♓	
asc. node	-1881 Feb 26 j 02:03	23°♓47'19	
	-1881 Mar 03 j 06:40	0°♈	
	-1881 Mar 28 j 19:47	0°♉	
	-1881 Apr 24 j 13:06	0°♊	
evening max el	-1881 May 21 j 11:20	27°♊40'44	45°22'29
	-1881 May 23 j 22:23	0°♋	
desc. node	-1881 Jun 17 j 17:45	19°♋52'59	
greatest brilliancy	-1881 Jun 29 j 07:40	25°♋33'53	-4.7m
retrograde	-1881 Jul 09 j 04:27	27°♋19'14	
evening set	-1881 Jul 26 j 03:49	21°♋57'16	
inferior conj	-1881 Jul 30 j 08:37	19°♋26'51	-8°03'20
minimum elong	-1881 Jul 30 j 00:49	19°♋38'44	8°02'21
min. Earth dist.	-1881 Jul 30 j 18:11	19°♋12'15	0.28040 AU
morning rise	-1881 Aug 02 j 21:32	17°♋18'37	
direct	-1881 Aug 20 j 14:28	11°♋24'12	
greatest brilliancy	-1881 Aug 31 j 15:56	13°♋38'51	-4.8m
	-1881 Sep 25 j 04:40	0°♌	
asc. node	-1881 Oct 08 j 18:48	12°♌49'54	
morning max el	-1881 Oct 10 j 02:36	14°♌10'14	46°46'36
	-1881 Oct 25 j 00:19	0°♍	
	-1881 Nov 20 j 04:27	0°♎	
	-1881 Dec 15 j 05:40	0°♏	
	-1880 Jan 08 j 21:37	0°♐	
desc. node	-1880 Jan 28 j 10:58	23°♐53'21	
	-1880 Feb 02 j 10:59	0°♑	
	-1880 Feb 26 j 23:55	0°♒	
	-1880 Mar 22 j 12:50	0°♓	
morning set	-1880 Apr 13 j 23:52	27°♓28'23	
	-1880 Apr 16 j 01:24	0°♈	
	-1880 May 10 j 12:58	0°♉	
max. Earth dist.	-1880 May 18 j 02:32	9°♉17'22	1.73635 AU
superior conj	-1880 May 20 j 05:12	11°♉53'00	-0°00'40
minimum elong	-1880 May 20 j 05:19	11°♉53'21	0°00'39
behind sun begin	-1880 May 19 j 07:13	10°♉45'26	
behind sun end	-1880 May 21 j 03:25	13°♉01'16	
asc. node	-1880 May 20 j 11:55	12°♉13'39	
	-1880 Jun 03 j 22:42	0°♊	
evening rise	-1880 Jun 24 j 21:13	25°♊49'35	
	-1880 Jun 28 j 06:18	0°♋	
	-1880 Jul 22 j 12:23	0°♌	
	-1880 Aug 15 j 18:25	0°♍	
desc. node	-1880 Sep 09 j 03:26	0°♎04'03	
	-1880 Sep 09 j 02:07	0°♎	
	-1880 Oct 03 j 13:26	0°♏	

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

	-1880 Oct 28 j 07:27	0°♐	
	-1880 Nov 22 j 15:49	0°♑	
	-1880 Dec 19 j 12:00	0°♒	
evening max el	-1880 Dec 27 j 07:17	8°♒05'54	46°41'00
asc. node	-1880 Dec 31 j 04:14	11°♒57'43	
	-1879 Jan 20 j 19:04	0°♓	
greatest brilliancy	-1879 Feb 04 j 20:40	8°♓40'35	-4.8m
retrograde	-1879 Feb 15 j 15:31	10°♓51'29	
evening set	-1879 Mar 05 j 06:19	4°♓49'23	
inferior conj	-1879 Mar 08 j 23:14	2°♓29'51	7°52'16
minimum elong	-1879 Mar 09 j 05:25	2°♓20'01	7°51'38
min. Earth dist.	-1879 Mar 08 j 20:48	2°♓33'43	0.28959 AU
	-1879 Mar 12 j 23:09	30°℞♒	
morning rise	-1879 Mar 13 j 04:43	29°♒51'38	
direct	-1879 Mar 30 j 08:58	24°♒11'04	
greatest brilliancy	-1879 Apr 09 j 00:18	25°♒52'48	-4.7m
	-1879 Apr 18 j 00:26	0°♓	
desc. node	-1879 Apr 21 j 19:57	2°♓18'30	
morning max el	-1879 May 18 j 05:18	24°♓01'16	45°46'39
	-1879 May 24 j 08:48	0°♈	
	-1879 Jun 21 j 18:01	0°♉	
	-1879 Jul 18 j 01:22	0°♊	
	-1879 Aug 12 j 06:19	0°♋	
asc. node	-1879 Aug 12 j 21:27	0°♋45'47	
	-1879 Sep 05 j 18:19	0°♌	
	-1879 Sep 29 j 19:51	0°♍	
	-1879 Oct 23 j 16:19	0°♎	
morning set	-1879 Nov 14 j 22:06	28°♎01'25	
	-1879 Nov 16 j 11:46	0°♏	
desc. node	-1879 Dec 02 j 13:18	20°♏12'17	
	-1879 Dec 10 j 08:33	0°♐	
superior conj	-1879 Dec 27 j 01:28	20°♐55'28	-0°53'22
minimum elong	-1879 Dec 26 j 14:05	20°♐19'52	0°52'59
max. Earth dist.	-1879 Dec 31 j 07:52	26°♐15'37	1.71663 AU
	-1878 Jan 03 j 07:42	0°♑	
	-1878 Jan 27 j 09:45	0°♒	
evening rise	-1878 Feb 05 j 15:44	11°♒28'31	
	-1878 Feb 20 j 15:24	0°♓	
	-1878 Mar 17 j 01:46	0°♈	
asc. node	-1878 Mar 25 j 14:02	10°♈22'55	
	-1878 Apr 10 j 18:09	0°♉	
	-1878 May 05 j 18:16	0°♊	
	-1878 May 31 j 05:13	0°♋	
	-1878 Jun 26 j 10:08	0°♌	
desc. node	-1878 Jul 15 j 05:31	20°♌36'30	
	-1878 Jul 24 j 04:35	0°♍	
evening max el	-1878 Aug 02 j 16:03	9°♍30'16	46°34'56
	-1878 Aug 26 j 07:36	0°♎	
greatest brilliancy	-1878 Sep 12 j 09:48	9°♎19'53	-4.9m
retrograde	-1878 Sep 21 j 12:39	10°♎52'33	
evening set	-1878 Oct 07 j 09:05	6°♎00'38	
inferior conj	-1878 Oct 12 j 01:58	3°♎13'38	-5°46'06
minimum elong	-1878 Oct 12 j 12:31	2°♎57'38	5°43'28
min. Earth dist.	-1878 Oct 12 j 12:15	2°♎58'03	0.26524 AU
morning rise	-1878 Oct 17 j 15:47	29°♍58'02	
	-1878 Oct 17 j 14:20	30°℞♍	
direct	-1878 Nov 01 j 12:37	25°♍36'15	
asc. node	-1878 Nov 05 j 06:31	25°♍53'10	
greatest brilliancy	-1878 Nov 12 j 01:36	27°♍43'55	-4.9m
	-1878 Nov 17 j 00:19	0°♎	
morning max el	-1878 Dec 22 j 04:09	29°♎01'16	46°48'26
	-1878 Dec 23 j 03:16	0°♏	
	-1877 Jan 19 j 20:45	0°♐	
	-1877 Feb 14 j 23:14	0°♑	
desc. node	-1877 Feb 24 j 22:48	11°♑41'30	
	-1877 Mar 12 j 10:53	0°♒	
	-1877 Apr 06 j 14:52	0°♓	
	-1877 May 01 j 13:27	0°♈	
	-1877 May 26 j 07:01	0°♉	
asc. node	-1877 Jun 17 j 23:54	27°♉46'56	
	-1877 Jun 19 j 19:12	0°♊	
morning set	-1877 Jun 21 j 00:49	1°♊31'05	
	-1877 Jul 14 j 01:55	0°♋	
max. Earth dist.	-1877 Jul 23 j 05:44	11°♋22'59	1.72377 AU
superior conj	-1877 Jul 27 j 12:13	16°♋42'01	1°15'33
minimum elong	-1877 Jul 27 j 05:02	16°♋19'37	1°15'26
	-1877 Aug 07 j 04:04	0°♌	
	-1877 Aug 31 j 03:28	0°♍	
evening rise	-1877 Sep 02 j 21:55	3°♍28'06	
	-1877 Sep 24 j 02:12	0°♎	
desc. node	-1877 Oct 07 j 15:27	16°♎57'21	
	-1877 Oct 18 j 02:00	0°♏	
	-1877 Nov 11 j 04:12	0°♐	
	-1877 Dec 05 j 10:41	0°♑	
	-1877 Dec 30 j 01:36	0°♒	
	-1876 Jan 24 j 09:26	0°♓	
asc. node	-1876 Jan 28 j 16:04	4°♓55'59	
	-1876 Feb 20 j 04:49	0°♈	
evening max el	-1876 Mar 08 j 07:50	17°♈30'10	45°26'35
	-1876 Mar 22 j 03:06	0°♉	
greatest brilliancy	-1876 Apr 15 j 00:33	15°♉11'09	-4.7m
retrograde	-1876 Apr 25 j 19:12	17°♉16'02	
evening set	-1876 May 10 j 22:15	12°♉53'54	
inferior conj	-1876 May 17 j 06:31	9°♉06'25	0°28'41
minimum elong	-1876 May 17 j 07:34	9°♉04'47	0°28'24
min. Earth dist.	-1876 May 17 j 16:38	8°♉50'35	0.28971 AU
desc. node	-1876 May 19 j 07:57	7°♉49'23	
morning rise	-1876 May 23 j 16:32	5°♉15'19	
direct	-1876 Jun 08 j 00:40	0°♉46'43	
greatest brilliancy	-1876 Jun 18 j 18:48	2°♉50'36	-4.7m
	-1876 Jul 26 j 01:06	0°♊	
morning max el	-1876 Jul 27 j 05:19	1°♊08'11	46°06'27
	-1876 Aug 23 j 16:11	0°♋	
asc. node	-1876 Sep 09 j 09:14	19°♋06'03	
	-1876 Sep 18 j 15:15	0°♌	
	-1876 Oct 13 j 10:15	0°♍	
	-1876 Nov 06 j 16:03	0°♎	
	-1876 Nov 30 j 17:08	0°♏	
	-1876 Dec 24 j 18:01	0°♐	
desc. node	-1876 Dec 30 j 01:14	6°♐36'21	
	-1875 Jan 17 j 20:36	0°♑	
morning set	-1875 Jan 30 j 22:57	16°♑15'25	
	-1875 Feb 11 j 01:16	0°♒	
	-1875 Mar 07 j 08:04	0°♓	
superior conj	-1875 Mar 10 j 21:53	4°♓24'27	-1°18'01
minimum elong	-1875 Mar 11 j 04:46	4°♓45'40	1°17'54
max. Earth dist.	-1875 Mar 13 j 04:45	7°♓13'26	1.73217 AU
	-1875 Mar 31 j 16:59	0°♈	
evening rise	-1875 Apr 17 j 05:09	20°♈15'32	
asc. node	-1875 Apr 22 j 02:04	26°♈13'50	
	-1875 Apr 25 j 03:53	0°♉	
	-1875 May 19 j 16:34	0°♊	
	-1875 Jun 13 j 07:13	0°♋	
	-1875 Jul 08 j 01:01	0°♌	
	-1875 Aug 02 j 00:31	0°♍	
desc. node	-1875 Aug 11 j 17:27	11°♍32'02	
	-1875 Aug 27 j 10:19	0°♎	
	-1875 Sep 22 j 16:29	0°♏	
evening max el	-1875 Oct 14 j 16:38	23°♏33'03	47°29'51
	-1875 Oct 21 j 04:17	0°♐	
greatest brilliancy	-1875 Nov 24 j 09:18	25°♐21'33	-4.9m

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

asc. node	-1875 Dec 02 j 18:27	27°♐20'50	
retrograde	-1875 Dec 04 j 17:51	27°♐25'37	
evening set	-1875 Dec 19 j 21:33	22°♐48'57	
min. Earth dist.	-1875 Dec 24 j 11:52	20°♐03'09	0.27091 AU
inferior conj	-1875 Dec 25 j 12:46	19°♐24'11	5°21'21
minimum elong	-1875 Dec 25 j 03:19	19°♐39'00	5°18'59
morning rise	-1875 Dec 30 j 09:42	16°♐26'40	
direct	-1874 Jan 15 j 00:01	11°♐37'35	
greatest brilliancy	-1874 Jan 23 j 23:19	13°♐08'20	-4.8m
	-1874 Feb 19 j 13:27	0°♑	
morning max el	-1874 Mar 05 j 07:28	12°♑34'57	46°10'20
	-1874 Mar 22 j 10:41	0°♒	
desc. node	-1874 Mar 24 j 10:29	2°♒06'29	
	-1874 Apr 18 j 19:51	0°♓	
	-1874 May 14 j 23:06	0°♈	
	-1874 Jun 09 j 09:33	0°♉	
	-1874 Jul 04 j 07:30	0°♊	
asc. node	-1874 Jul 15 j 11:39	13°♊38'10	
	-1874 Jul 28 j 18:54	0°♋	
	-1874 Aug 21 j 21:54	0°♌	
morning set	-1874 Aug 29 j 12:45	9°♌32'19	
	-1874 Sep 14 j 19:30	0°♍	
superior conj	-1874 Oct 07 j 13:22	28°♍39'38	0°58'59
minimum elong	-1874 Oct 08 j 00:25	29°♍14'26	0°58'35
max. Earth dist.	-1874 Oct 07 j 11:23	28°♍33'22	1.71004 AU
	-1874 Oct 08 j 14:52	0°♎	
	-1874 Nov 01 j 10:28	0°♏	
desc. node	-1874 Nov 04 j 03:32	3°♏24'41	
evening rise	-1874 Nov 18 j 09:06	21°♏17'38	
	-1874 Nov 25 j 07:42	0°♐	
	-1874 Dec 19 j 07:31	0°♑	
	-1873 Jan 12 j 11:22	0°♒	
	-1873 Feb 05 j 21:54	0°♓	
asc. node	-1873 Feb 25 j 04:03	23°♓16'25	
	-1873 Mar 02 j 19:09	0°♈	
	-1873 Mar 28 j 09:30	0°♉	
	-1873 Apr 24 j 05:34	0°♊	
evening max el	-1873 May 19 j 02:21	25°♊26'55	45°21'15
	-1873 May 23 j 23:21	0°♋	
desc. node	-1873 Jun 16 j 19:49	18°♋31'15	
greatest brilliancy	-1873 Jun 26 j 19:28	23°♋15'10	-4.7m
retrograde	-1873 Jul 06 j 19:00	25°♋02'31	
evening set	-1873 Jul 23 j 14:22	19°♋45'09	
inferior conj	-1873 Jul 27 j 22:55	17°♋09'14	-7°53'53
minimum elong	-1873 Jul 27 j 14:37	17°♋21'54	7°52'45
min. Earth dist.	-1873 Jul 28 j 07:42	16°♋55'50	0.28085 AU
morning rise	-1873 Jul 31 j 14:37	14°♋57'03	
direct	-1873 Aug 18 j 05:56	9°♋05'49	
greatest brilliancy	-1873 Aug 29 j 06:29	11°♋20'02	-4.8m
	-1873 Sep 25 j 10:38	0°♌	
morning max el	-1873 Oct 07 j 17:55	11°♌50'27	46°45'43
asc. node	-1873 Oct 07 j 20:55	11°♌58'05	
	-1873 Oct 24 j 18:27	0°♍	
	-1873 Nov 19 j 19:18	0°♎	
	-1873 Dec 14 j 19:00	0°♏	
	-1872 Jan 08 j 10:06	0°♐	
desc. node	-1872 Jan 27 j 12:59	23°♐22'44	
	-1872 Feb 01 j 22:54	0°♑	
	-1872 Feb 26 j 11:27	0°♒	
	-1872 Mar 22 j 00:06	0°♓	
morning set	-1872 Apr 11 j 17:44	25°♓22'12	
	-1872 Apr 15 j 12:29	0°♈	
	-1872 May 09 j 23:56	0°♉	
max. Earth dist.	-1872 May 16 j 02:01	7°♉28'22	1.73650 AU
superior conj	-1872 May 17 j 23:45	9°♉48'51	-0°03'48
minimum elong	-1872 May 18 j 00:30	9°♉51'09	0°03'43
behind sun begin	-1872 May 17 j 02:48	8°♉44'29	
behind sun end	-1872 May 18 j 22:12	10°♉57'50	
asc. node	-1872 May 19 j 14:05	11°♉46'37	
	-1872 Jun 03 j 09:40	0°♊	
evening rise	-1872 Jun 22 j 16:08	23°♊45'36	
	-1872 Jun 27 j 17:24	0°♋	
	-1872 Jul 21 j 23:44	0°♌	
	-1872 Aug 15 j 06:07	0°♍	
desc. node	-1872 Sep 08 j 05:29	29°♍32'56	
	-1872 Sep 08 j 14:17	0°♎	
	-1872 Oct 03 j 02:11	0°♏	
	-1872 Oct 27 j 21:08	0°♐	
	-1872 Nov 22 j 07:12	0°♑	
	-1872 Dec 19 j 07:38	0°♒	
evening max el	-1872 Dec 24 j 23:35	5°♒50'53	46°43'48
asc. node	-1872 Dec 30 j 06:15	11°♒05'25	
	-1871 Jan 21 j 14:42	0°♓	
greatest brilliancy	-1871 Feb 02 j 12:55	6°♓28'15	-4.8m
retrograde	-1871 Feb 13 j 08:40	8°♓39'43	
evening set	-1871 Mar 03 j 00:34	2°♓34'55	
inferior conj	-1871 Mar 06 j 15:40	0°♓17'57	7°59'08
minimum elong	-1871 Mar 06 j 21:19	0°♓08'57	7°58'36
min. Earth dist.	-1871 Mar 06 j 11:41	0°♓24'17	0.28928 AU
	-1871 Mar 07 j 02:56	30°℞♒	
morning rise	-1871 Mar 10 j 18:18	27°♒44'04	
direct	-1871 Mar 28 j 01:30	21°♒59'57	
greatest brilliancy	-1871 Apr 06 j 14:08	23°♒39'52	-4.7m
	-1871 Apr 19 j 06:59	0°♓	
desc. node	-1871 Apr 20 j 22:12	1°♓04'06	
morning max el	-1871 May 15 j 21:45	21°♓52'04	45°46'36
	-1871 May 24 j 05:03	0°♈	
	-1871 Jun 21 j 09:12	0°♉	
	-1871 Jul 17 j 14:35	0°♊	
asc. node	-1871 Aug 11 j 23:31	0°♋14'54	
	-1871 Aug 11 j 18:36	0°♋	
	-1871 Sep 05 j 06:07	0°♌	
	-1871 Sep 29 j 07:25	0°♍	
	-1871 Oct 23 j 03:46	0°♎	
morning set	-1871 Nov 12 j 08:10	25°♎26'12	
	-1871 Nov 15 j 23:08	0°♏	
desc. node	-1871 Dec 01 j 15:23	19°♏43'13	
	-1871 Dec 09 j 19:51	0°♐	
superior conj	-1871 Dec 24 j 11:29	18°♐21'27	-0°50'16
minimum elong	-1871 Dec 24 j 00:22	17°♐46'39	0°49'52
max. Earth dist.	-1871 Dec 28 j 21:02	23°♐51'34	1.71608 AU
	-1870 Jan 02 j 18:56	0°♑	
	-1870 Jan 26 j 20:56	0°♒	
evening rise	-1870 Feb 03 j 04:51	9°♒05'51	
	-1870 Feb 20 j 02:36	0°♓	
	-1870 Mar 16 j 13:06	0°♈	
asc. node	-1870 Mar 24 j 16:11	9°♈54'40	
	-1870 Apr 10 j 05:50	0°♉	
	-1870 May 05 j 06:37	0°♊	
	-1870 May 30 j 18:45	0°♋	
	-1870 Jun 26 j 01:54	0°♌	
desc. node	-1870 Jul 14 j 07:33	19°♌52'13	
	-1870 Jul 24 j 01:43	0°♍	
evening max el	-1870 Jul 31 j 05:00	7°♍06'10	46°31'54
	-1870 Aug 27 j 09:16	0°♎	
greatest brilliancy	-1870 Sep 09 j 22:29	6°♎51'32	-4.9m
retrograde	-1870 Sep 18 j 23:58	8°♎22'49	
evening set	-1870 Oct 05 j 00:26	3°♎26'43	
inferior conj	-1870 Oct 09 j 14:02	0°♎44'11	-6°04'25
minimum elong	-1870 Oct 10 j 00:45	0°♎27'54	6°01'51
min. Earth dist.	-1870 Oct 10 j 01:23	0°♎26'56	0.26560 AU

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

	-1870 Oct 10 j 19:10	30°℞♍	
morning rise	-1870 Oct 15 j 00:50	27°♍32'17	
direct	-1870 Oct 30 j 00:57	23°♍06'19	
asc. node	-1870 Nov 04 j 08:44	23°♍39'57	
greatest brilliancy	-1870 Nov 09 j 15:17	25°♍14'38	-4.9m
	-1870 Nov 18 j 20:42	0°♎	
morning max el	-1870 Dec 19 j 16:23	26°♎31'20	46°49'17
	-1870 Dec 23 j 01:47	0°♏	
	-1869 Jan 19 j 13:15	0°♐	
	-1869 Feb 14 j 13:18	0°♑	
desc. node	-1869 Feb 24 j 00:52	11°♑08'00	
	-1869 Mar 11 j 23:38	0°♒	
	-1869 Apr 06 j 02:49	0°♓	
	-1869 May 01 j 00:54	0°♈	
	-1869 May 25 j 18:11	0°♉	
asc. node	-1869 Jun 17 j 01:54	27°♉19'06	
morning set	-1869 Jun 18 j 18:59	29°♉25'23	
	-1869 Jun 19 j 06:14	0°♊	
	-1869 Jul 13 j 12:57	0°♋	
max. Earth dist.	-1869 Jul 20 j 21:39	9°♋08'54	1.72439 AU
superior conj	-1869 Jul 25 j 05:22	14°♋31'34	1°14'03
minimum elong	-1869 Jul 24 j 21:47	14°♋08'00	1°13'54
	-1869 Aug 06 j 15:10	0°♌	
	-1869 Aug 30 j 14:40	0°♍	
evening rise	-1869 Aug 31 j 11:45	1°♍05'59	
	-1869 Sep 23 j 13:36	0°♎	
desc. node	-1869 Oct 06 j 17:37	16°♎28'04	
	-1869 Oct 17 j 13:39	0°♏	
	-1869 Nov 10 j 16:08	0°♐	
	-1869 Dec 04 j 23:01	0°♑	
	-1869 Dec 29 j 14:34	0°♒	
	-1868 Jan 23 j 23:44	0°♓	
asc. node	-1868 Jan 27 j 18:08	4°♓20'00	
	-1868 Feb 19 j 22:25	0°♈	
evening max el	-1868 Mar 05 j 22:13	15°♈15'17	45°28'21
	-1868 Mar 22 j 10:34	0°♉	
greatest brilliancy	-1868 Apr 12 j 17:12	13°♉03'19	-4.7m
retrograde	-1868 Apr 23 j 11:22	15°♉08'22	
evening set	-1868 May 08 j 15:47	10°♉44'11	
inferior conj	-1868 May 14 j 23:05	6°♉58'10	0°48'04
minimum elong	-1868 May 15 j 00:50	6°♉55'25	0°47'34
min. Earth dist.	-1868 May 15 j 09:41	6°♉41'34	0.28993 AU
desc. node	-1868 May 18 j 09:58	4°♉49'52	
morning rise	-1868 May 21 j 09:27	3°♉06'17	
	-1868 May 28 j 08:11	30°℞♈	
direct	-1868 Jun 05 j 16:37	28°♈37'54	
	-1868 Jun 14 j 09:26	0°♉	
greatest brilliancy	-1868 Jun 16 j 11:39	0°♉42'08	-4.7m
morning max el	-1868 Jul 24 j 20:34	28°♉54'32	46°05'10
	-1868 Jul 25 j 23:28	0°♊	
	-1868 Aug 23 j 08:07	0°♋	
asc. node	-1868 Sep 08 j 11:24	18°♋30'35	
	-1868 Sep 18 j 04:58	0°♌	
	-1868 Oct 12 j 22:54	0°♍	
	-1868 Nov 06 j 04:09	0°♎	
	-1868 Nov 30 j 04:53	0°♏	
	-1868 Dec 24 j 05:32	0°♐	
desc. node	-1868 Dec 29 j 03:11	6°♐06'45	
	-1867 Jan 17 j 07:53	0°♑	
morning set	-1867 Jan 28 j 11:03	13°♑49'21	
	-1867 Feb 10 j 12:23	0°♒	
	-1867 Mar 06 j 19:03	0°♓	
superior conj	-1867 Mar 08 j 13:43	2°♓11'30	-1°19'15
minimum elong	-1867 Mar 08 j 20:06	2°♓31'10	1°19'11
max. Earth dist.	-1867 Mar 10 j 21:28	5°♓03'19	1.73171 AU
	-1867 Mar 31 j 03:55	0°♈	
evening rise	-1867 Apr 14 j 23:07	18°♈09'58	
asc. node	-1867 Apr 21 j 04:13	25°♈46'53	
	-1867 Apr 24 j 14:52	0°♉	
	-1867 May 19 j 03:44	0°♊	
	-1867 Jun 12 j 18:45	0°♋	
	-1867 Jul 07 j 13:10	0°♌	
	-1867 Aug 01 j 13:39	0°♍	
desc. node	-1867 Aug 10 j 19:29	10°♍57'45	
	-1867 Aug 27 j 01:02	0°♎	
	-1867 Sep 22 j 10:15	0°♏	
evening max el	-1867 Oct 12 j 06:15	21°♏07'18	47°29'41
	-1867 Oct 21 j 06:52	0°♐	
greatest brilliancy	-1867 Nov 21 j 24:00	22°♐55'50	-4.9m
asc. node	-1867 Dec 01 j 20:26	24°♐59'20	
retrograde	-1867 Dec 02 j 07:49	24°♐59'36	
evening set	-1867 Dec 17 j 08:42	20°♐26'34	
min. Earth dist.	-1867 Dec 22 j 01:48	17°♐37'21	0.27025 AU
inferior conj	-1867 Dec 23 j 02:17	16°♐59'10	5°03'20
minimum elong	-1867 Dec 22 j 17:02	17°♐13'36	5°00'56
morning rise	-1867 Dec 28 j 02:00	13°♐58'11	
direct	-1866 Jan 12 j 12:37	9°♐13'24	
greatest brilliancy	-1866 Jan 21 j 13:13	10°♐45'32	-4.8m
	-1866 Feb 19 j 20:05	0°♑	
morning max el	-1866 Mar 02 j 21:48	10°♑16'46	46°11'47
	-1866 Mar 22 j 04:40	0°♒	
desc. node	-1866 Mar 23 j 12:40	1°♒25'17	
	-1866 Apr 18 j 10:14	0°♓	
	-1866 May 14 j 11:50	0°♈	
	-1866 Jun 08 j 21:25	0°♉	
	-1866 Jul 03 j 18:51	0°♊	
asc. node	-1866 Jul 14 j 13:46	13°♊10'20	
	-1866 Jul 28 j 06:00	0°♋	
	-1866 Aug 21 j 08:56	0°♌	
morning set	-1866 Aug 27 j 03:19	7°♌13'03	
	-1866 Sep 14 j 06:33	0°♍	
superior conj	-1866 Oct 05 j 00:36	26°♍08'39	1°01'40
minimum elong	-1866 Oct 05 j 11:33	26°♍43'11	1°01'18
max. Earth dist.	-1866 Oct 04 j 20:03	25°♍54'19	1.71026 AU
	-1866 Oct 08 j 02:00	0°♎	
	-1866 Oct 31 j 21:40	0°♏	
desc. node	-1866 Nov 03 j 05:35	2°♏55'53	
evening rise	-1866 Nov 15 j 18:02	18°♏39'52	
	-1866 Nov 24 j 18:56	0°♐	
	-1866 Dec 18 j 18:49	0°♑	
	-1865 Jan 11 j 22:50	0°♒	
	-1865 Feb 05 j 09:39	0°♓	
asc. node	-1865 Feb 24 j 06:14	22°♓46'28	
	-1865 Mar 02 j 07:32	0°♈	
	-1865 Mar 27 j 23:09	0°♉	
	-1865 Apr 23 j 22:07	0°♊	
evening max el	-1865 May 16 j 18:14	23°♊16'00	45°20'06
	-1865 May 24 j 01:19	0°♋	
desc. node	-1865 Jun 15 j 21:50	17°♋07'47	
greatest brilliancy	-1865 Jun 24 j 07:45	20°♋58'17	-4.7m
retrograde	-1865 Jul 04 j 09:36	22°♋47'03	
evening set	-1865 Jul 21 j 01:07	17°♋34'40	
inferior conj	-1865 Jul 25 j 13:24	14°♋53'05	-7°43'40
minimum elong	-1865 Jul 25 j 04:39	15°♋06'27	7°42'24
min. Earth dist.	-1865 Jul 25 j 21:20	14°♋40'57	0.28128 AU
morning rise	-1865 Jul 29 j 07:56	12°♋36'39	
direct	-1865 Aug 15 j 21:39	6°♋49'10	
greatest brilliancy	-1865 Aug 26 j 20:35	9°♋01'56	-4.8m
	-1865 Sep 25 j 14:21	0°♌	
morning max el	-1865 Oct 05 j 08:54	9°♌30'45	46°44'30
asc. node	-1865 Oct 06 j 23:08	11°♌08'06	

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

	-1865 Oct 24 j 11:59	0°♍	
	-1865 Nov 19 j 09:52	0°♎	
	-1865 Dec 14 j 08:10	0°♏	
	-1864 Jan 07 j 22:25	0°♐	
desc. node	-1864 Jan 26 j 15:08	22°♐53'03	
	-1864 Feb 01 j 10:38	0°♑	
	-1864 Feb 25 j 22:46	0°♒	
	-1864 Mar 21 j 11:06	0°♓	
morning set	-1864 Apr 09 j 11:33	23°♓16'42	
	-1864 Apr 14 j 23:17	0°♈	
	-1864 May 09 j 10:38	0°♉	
max. Earth dist.	-1864 May 14 j 00:56	5°♉38'32	1.73662 AU
superior conj	-1864 May 15 j 18:27	7°♉45'59	-0°06'52
minimum elong	-1864 May 15 j 19:49	7°♉50'10	0°06'47
behind sun begin	-1864 May 14 j 23:32	6°♉47'53	
behind sun end	-1864 May 16 j 16:05	8°♉52'27	
asc. node	-1864 May 18 j 16:05	11°♉19'50	
	-1864 Jun 02 j 20:22	0°♊	
evening rise	-1864 Jun 20 j 11:16	21°♊43'13	
	-1864 Jun 27 j 04:13	0°♋	
	-1864 Jul 21 j 10:48	0°♌	
	-1864 Aug 14 j 17:31	0°♍	
desc. node	-1864 Sep 07 j 07:42	29°♍03'19	
	-1864 Sep 08 j 02:09	0°♎	
	-1864 Oct 02 j 14:43	0°♏	
	-1864 Oct 27 j 10:40	0°♐	
	-1864 Nov 21 j 22:37	0°♑	
	-1864 Dec 19 j 03:44	0°♒	
evening max el	-1864 Dec 22 j 15:41	3°♒35'27	46°46'32
asc. node	-1864 Dec 29 j 08:22	10°♒12'39	
	-1863 Jan 22 j 17:29	0°♓	
greatest brilliancy	-1863 Jan 31 j 05:51	4°♓16'48	-4.8m
retrograde	-1863 Feb 11 j 01:25	6°♓27'51	
evening set	-1863 Feb 28 j 18:35	0°♓20'58	
	-1863 Mar 01 j 08:09	30°♒	
inferior conj	-1863 Mar 04 j 07:59	28°♒06'17	8°05'22
minimum elong	-1863 Mar 04 j 13:02	27°♒58'15	8°04'57
min. Earth dist.	-1863 Mar 04 j 02:39	28°♒14'49	0.28889 AU
morning rise	-1863 Mar 08 j 07:46	25°♒36'32	
direct	-1863 Mar 25 j 17:40	19°♒49'19	
greatest brilliancy	-1863 Apr 04 j 03:55	21°♒27'19	-4.7m
desc. node	-1863 Apr 20 j 00:16	29°♒52'20	
	-1863 Apr 20 j 04:40	0°♓	
morning max el	-1863 May 13 j 13:12	19°♓41'21	45°46'37
	-1863 May 24 j 00:17	0°♈	
	-1863 Jun 20 j 23:49	0°♉	
	-1863 Jul 17 j 03:21	0°♊	
asc. node	-1863 Aug 11 j 01:39	29°♊45'24	
	-1863 Aug 11 j 06:28	0°♋	
	-1863 Sep 04 j 17:33	0°♌	
	-1863 Sep 28 j 18:36	0°♍	
	-1863 Oct 22 j 14:50	0°♎	
morning set	-1863 Nov 09 j 18:29	22°♎52'50	
	-1863 Nov 15 j 10:09	0°♏	
desc. node	-1863 Nov 30 j 17:23	19°♏14'55	
	-1863 Dec 09 j 06:50	0°♐	
superior conj	-1863 Dec 21 j 21:17	15°♐47'37	-0°47'03
minimum elong	-1863 Dec 21 j 10:32	15°♐13'58	0°46'38
max. Earth dist.	-1863 Dec 26 j 08:01	21°♐21'33	1.71558 AU
	-1862 Jan 02 j 05:53	0°♑	
	-1862 Jan 26 j 07:51	0°♒	
evening rise	-1862 Jan 31 j 17:22	6°♒41'58	
	-1862 Feb 19 j 13:32	0°♓	
	-1862 Mar 16 j 00:09	0°♈	
asc. node	-1862 Mar 23 j 18:18	9°♈27'10	
	-1862 Apr 09 j 17:14	0°♉	
	-1862 May 04 j 18:41	0°♊	
	-1862 May 30 j 08:01	0°♋	
	-1862 Jun 25 j 17:32	0°♌	
desc. node	-1862 Jul 13 j 09:42	19°♌08'48	
	-1862 Jul 23 j 23:07	0°♍	
evening max el	-1862 Jul 28 j 17:15	4°♍41'41	46°28'54
	-1862 Aug 28 j 19:58	0°♎	
greatest brilliancy	-1862 Sep 07 j 11:40	4°♎25'25	-4.9m
retrograde	-1862 Sep 16 j 11:15	5°♎55'14	
evening set	-1862 Oct 02 j 15:55	0°♎54'39	
	-1862 Oct 04 j 05:43	30°♍	
inferior conj	-1862 Oct 07 j 02:17	28°♍16'50	-6°21'42
minimum elong	-1862 Oct 07 j 13:03	28°♍00'27	6°19'15
min. Earth dist.	-1862 Oct 07 j 14:53	27°♍57'41	0.26598 AU
morning rise	-1862 Oct 12 j 09:54	25°♍08'58	
direct	-1862 Oct 27 j 13:05	20°♍38'11	
asc. node	-1862 Nov 03 j 10:38	21°♍33'47	
greatest brilliancy	-1862 Nov 07 j 05:31	22°♍47'54	-4.9m
	-1862 Nov 20 j 02:17	0°♎	
morning max el	-1862 Dec 17 j 04:35	24°♎02'33	46°50'04
	-1862 Dec 22 j 22:58	0°♏	
	-1861 Jan 19 j 05:05	0°♐	
	-1861 Feb 14 j 02:55	0°♑	
desc. node	-1861 Feb 23 j 03:00	10°♑35'43	
	-1861 Mar 11 j 12:02	0°♒	
	-1861 Apr 05 j 14:27	0°♓	
	-1861 Apr 30 j 12:02	0°♈	
	-1861 May 25 j 05:00	0°♉	
asc. node	-1861 Jun 16 j 03:59	26°♉52'37	
morning set	-1861 Jun 16 j 13:06	27°♉20'38	
	-1861 Jun 18 j 16:55	0°♊	
	-1861 Jul 12 j 23:38	0°♋	
max. Earth dist.	-1861 Jul 18 j 15:54	7°♋03'11	1.72501 AU
superior conj	-1861 Jul 22 j 22:37	12°♋22'35	1°12'26
minimum elong	-1861 Jul 22 j 14:43	11°♋58'03	1°12'17
	-1861 Aug 06 j 01:55	0°♌	
evening rise	-1861 Aug 29 j 02:02	28°♌46'20	
	-1861 Aug 30 j 01:35	0°♍	
	-1861 Sep 23 j 00:42	0°♎	
desc. node	-1861 Oct 05 j 19:39	15°♎59'22	
	-1861 Oct 17 j 00:58	0°♏	
	-1861 Nov 10 j 03:43	0°♐	
	-1861 Dec 04 j 10:59	0°♑	
	-1861 Dec 29 j 03:13	0°♒	
	-1860 Jan 23 j 13:48	0°♓	
asc. node	-1860 Jan 26 j 20:16	3°♓45'02	
	-1860 Feb 19 j 16:05	0°♈	
evening max el	-1860 Mar 03 j 12:57	13°♈02'03	45°30'09
	-1860 Mar 22 j 20:27	0°♉	
greatest brilliancy	-1860 Apr 10 j 09:26	10°♉55'38	-4.7m
retrograde	-1860 Apr 21 j 04:00	13°♉01'29	
evening set	-1860 May 06 j 09:29	8°♉34'55	
inferior conj	-1860 May 12 j 15:40	4°♉50'34	1°07'17
minimum elong	-1860 May 12 j 18:06	4°♉46'45	1°06'37
min. Earth dist.	-1860 May 13 j 02:34	4°♉33'32	0.29013 AU
desc. node	-1860 May 17 j 11:58	1°♉52'43	
morning rise	-1860 May 19 j 02:17	0°♉58'22	
	-1860 May 20 j 22:37	30°♈	
direct	-1860 Jun 03 j 08:48	26°♈29'45	
greatest brilliancy	-1860 Jun 14 j 04:23	28°♈34'29	-4.7m
	-1860 Jun 17 j 14:52	0°♉	
morning max el	-1860 Jul 22 j 12:42	26°♉44'11	46°03'57
	-1860 Jul 25 j 20:39	0°♊	
	-1860 Aug 22 j 23:27	0°♋	
asc. node	-1860 Sep 07 j 13:30	17°♋56'07	

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

	-1860 Sep 17 j 18:14	0°♌	
	-1860 Oct 12 j 11:13	0°♍	
	-1860 Nov 05 j 15:57	0°♎	
	-1860 Nov 29 j 16:22	0°♏	
	-1860 Dec 23 j 16:45	0°♐	
desc. node	-1860 Dec 28 j 05:21	5°♐38'41	
	-1859 Jan 16 j 18:53	0°♑	
morning set	-1859 Jan 25 j 23:17	11°♑24'27	
	-1859 Feb 09 j 23:12	0°♒	
superior conj	-1859 Mar 06 j 05:33	29°♒59'17	-1°20'23
minimum elong	-1859 Mar 06 j 11:22	0°♓17'14	1°20'19
	-1859 Mar 06 j 05:47	0°♓	
max. Earth dist.	-1859 Mar 08 j 14:17	2°♓54'13	1.73129 AU
	-1859 Mar 30 j 14:37	0°♈	
evening rise	-1859 Apr 12 j 17:02	16°♈04'50	
asc. node	-1859 Apr 20 j 06:12	25°♈19'58	
	-1859 Apr 24 j 01:39	0°♉	
	-1859 May 18 j 14:44	0°♊	
	-1859 Jun 12 j 06:08	0°♋	
	-1859 Jul 07 j 01:11	0°♌	
	-1859 Aug 01 j 02:40	0°♍	
desc. node	-1859 Aug 09 j 21:39	10°♍24'21	
	-1859 Aug 26 j 15:44	0°♎	
	-1859 Sep 22 j 04:13	0°♏	
evening max el	-1859 Oct 09 j 20:50	18°♏44'39	47°29'21
	-1859 Oct 21 j 10:50	0°♐	
greatest brilliancy	-1859 Nov 19 j 14:17	20°♐29'55	-4.9m
retrograde	-1859 Nov 29 j 22:14	22°♐33'43	
asc. node	-1859 Nov 30 j 22:35	22°♐32'26	
evening set	-1859 Dec 14 j 19:59	18°♐04'07	
min. Earth dist.	-1859 Dec 19 j 15:30	15°♐11'50	0.26958 AU
inferior conj	-1859 Dec 20 j 15:41	14°♐34'13	4°44'37
minimum elong	-1859 Dec 20 j 06:45	14°♐48'08	4°42'13
morning rise	-1859 Dec 25 j 18:12	11°♐29'55	
direct	-1858 Jan 10 j 01:37	6°♐49'26	
greatest brilliancy	-1858 Jan 19 j 02:35	8°♐22'22	-4.8m
	-1858 Feb 20 j 00:26	0°♑	
morning max el	-1858 Feb 28 j 12:44	8°♑00'33	46°13'17
	-1858 Mar 21 j 22:02	0°♒	
desc. node	-1858 Mar 22 j 14:43	0°♒44'45	
	-1858 Apr 18 j 00:17	0°♓	
	-1858 May 14 j 00:23	0°♈	
	-1858 Jun 08 j 09:08	0°♉	
	-1858 Jul 03 j 06:07	0°♊	
asc. node	-1858 Jul 13 j 15:57	12°♊42'51	
	-1858 Jul 27 j 17:01	0°♋	
	-1858 Aug 20 j 19:51	0°♌	
morning set	-1858 Aug 24 j 18:05	4°♌54'45	
	-1858 Sep 13 j 17:30	0°♍	
max. Earth dist.	-1858 Oct 02 j 04:11	23°♍14'00	1.71049 AU
superior conj	-1858 Oct 02 j 12:08	23°♍39'01	1°04'12
minimum elong	-1858 Oct 02 j 22:55	24°♍13'00	1°03'52
	-1858 Oct 07 j 13:02	0°♎	
	-1858 Oct 31 j 08:47	0°♏	
desc. node	-1858 Nov 02 j 07:35	2°♏27'11	
evening rise	-1858 Nov 13 j 03:06	16°♏02'34	
	-1858 Nov 24 j 06:09	0°♐	
	-1858 Dec 18 j 06:08	0°♑	
	-1857 Jan 11 j 10:17	0°♒	
	-1857 Feb 04 j 21:25	0°♓	
asc. node	-1857 Feb 23 j 08:19	22°♓16'19	
	-1857 Mar 01 j 19:55	0°♈	
	-1857 Mar 27 j 12:52	0°♉	
	-1857 Apr 23 j 14:57	0°♊	
evening max el	-1857 May 14 j 10:07	21°♊05'06	45°18'50
	-1857 May 24 j 04:51	0°♋	
desc. node	-1857 Jun 15 j 00:01	15°♋41'29	
greatest brilliancy	-1857 Jun 21 j 20:45	18°♋42'09	-4.7m
retrograde	-1857 Jul 01 j 23:45	20°♋31'27	
evening set	-1857 Jul 18 j 12:00	15°♋24'17	
inferior conj	-1857 Jul 23 j 03:58	12°♋37'04	-7°32'48
minimum elong	-1857 Jul 22 j 18:48	12°♋51'05	7°31'23
min. Earth dist.	-1857 Jul 23 j 11:25	12°♋25'37	0.28169 AU
morning rise	-1857 Jul 27 j 01:22	10°♋16'08	
direct	-1857 Aug 13 j 13:10	4°♋32'38	
greatest brilliancy	-1857 Aug 24 j 10:57	6°♋44'00	-4.8m
	-1857 Sep 25 j 16:36	0°♌	
morning max el	-1857 Oct 02 j 23:03	7°♌08'50	46°43'17
asc. node	-1857 Oct 06 j 01:06	10°♌18'10	
	-1857 Oct 24 j 05:14	0°♍	
	-1857 Nov 19 j 00:19	0°♎	
	-1857 Dec 13 j 21:17	0°♏	
	-1856 Jan 07 j 10:45	0°♐	
desc. node	-1856 Jan 25 j 17:13	22°♐22'52	
	-1856 Jan 31 j 22:26	0°♑	
	-1856 Feb 25 j 10:11	0°♒	
	-1856 Mar 20 j 22:13	0°♓	
morning set	-1856 Apr 07 j 05:25	21°♓11'01	
	-1856 Apr 14 j 10:11	0°♈	
	-1856 May 08 j 21:26	0°♉	
max. Earth dist.	-1856 May 11 j 23:18	3°♉46'42	1.73672 AU
superior conj	-1856 May 13 j 13:15	5°♉43'11	-0°09'55
minimum elong	-1856 May 13 j 15:13	5°♉49'14	0°09'48
behind sun begin	-1856 May 12 j 21:35	4°♉55'04	
behind sun end	-1856 May 14 j 08:52	6°♉43'24	
asc. node	-1856 May 17 j 18:13	10°♉53'13	
	-1856 Jun 02 j 07:12	0°♊	
evening rise	-1856 Jun 18 j 06:30	19°♊40'43	
	-1856 Jun 26 j 15:13	0°♋	
	-1856 Jul 20 j 22:04	0°♌	
	-1856 Aug 14 j 05:09	0°♍	
desc. node	-1856 Sep 06 j 09:40	28°♍32'16	
	-1856 Sep 07 j 14:16	0°♎	
	-1856 Oct 02 j 03:30	0°♏	
	-1856 Oct 27 j 00:31	0°♐	
	-1856 Nov 21 j 14:26	0°♑	
	-1856 Dec 19 j 00:43	0°♒	
evening max el	-1856 Dec 20 j 06:53	1°♒16'58	46°49'09
asc. node	-1856 Dec 28 j 10:31	9°♒18'18	
	-1855 Jan 24 j 08:42	0°♓	
greatest brilliancy	-1855 Jan 28 j 23:15	2°♓04'50	-4.8m
retrograde	-1855 Feb 08 j 17:40	4°♓14'54	
	-1855 Feb 23 j 06:51	30°℞♒	
evening set	-1855 Feb 26 j 12:19	28°♒06'22	
min. Earth dist.	-1855 Mar 01 j 17:56	26°♒03'51	0.28847 AU
inferior conj	-1855 Mar 02 j 00:16	25°♒53'43	8°10'59
minimum elong	-1855 Mar 02 j 04:41	25°♒46'40	8°10'40
morning rise	-1855 Mar 05 j 21:18	23°♒27'50	
direct	-1855 Mar 23 j 09:13	17°♒37'38	
greatest brilliancy	-1855 Apr 01 j 18:09	19°♒14'13	-4.7m
desc. node	-1855 Apr 19 j 02:14	28°♒41'34	
	-1855 Apr 20 j 21:11	0°♓	
morning max el	-1855 May 11 j 03:59	17°♓28'13	45°46'51
	-1855 May 23 j 19:15	0°♈	
	-1855 Jun 20 j 14:28	0°♉	
	-1855 Jul 16 j 16:17	0°♊	
asc. node	-1855 Aug 10 j 03:45	29°♊15'02	
	-1855 Aug 10 j 18:34	0°♋	
	-1855 Sep 04 j 05:15	0°♌	
	-1855 Sep 28 j 06:07	0°♍	
	-1855 Oct 22 j 02:14	0°♎	

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

morning set	-1855 Nov 07 j 04:37	20°♎17'48	
	-1855 Nov 14 j 21:28	0°♏	
desc. node	-1855 Nov 29 j 19:34	18°♏46'18	
	-1855 Dec 08 j 18:07	0°♐	
superior conj	-1855 Dec 19 j 06:50	13°♐12'06	-0°43'42
minimum elong	-1855 Dec 18 j 20:32	12°♐39'51	0°43'17
max. Earth dist.	-1855 Dec 23 j 16:37	18°♐43'08	1.71507 AU
	-1854 Jan 01 j 17:08	0°♑	
	-1854 Jan 25 j 19:05	0°♒	
evening rise	-1854 Jan 29 j 05:39	4°♒16'19	
	-1854 Feb 19 j 00:47	0°♓	
	-1854 Mar 15 j 11:34	0°♈	
asc. node	-1854 Mar 22 j 20:18	8°♈58'15	
	-1854 Apr 09 j 05:01	0°♉	
	-1854 May 04 j 07:09	0°♊	
	-1854 May 29 j 21:44	0°♋	
	-1854 Jun 25 j 09:43	0°♌	
desc. node	-1854 Jul 12 j 11:48	18°♌23'44	
	-1854 Jul 23 j 21:43	0°♍	
evening max el	-1854 Jul 26 j 04:53	2°♍14'57	46°25'50
	-1854 Aug 31 j 01:19	0°♎	
greatest brilliancy	-1854 Sep 05 j 00:23	1°♎57'29	-4.9m
retrograde	-1854 Sep 13 j 22:29	3°♎26'25	
	-1854 Sep 27 j 04:48	30°℞♍	
evening set	-1854 Sep 30 j 07:16	28°♍20'46	
inferior conj	-1854 Oct 04 j 14:24	25°♍47'53	-6°38'19
minimum elong	-1854 Oct 05 j 01:09	25°♍31'33	6°35'59
min. Earth dist.	-1854 Oct 05 j 04:12	25°♍26'56	0.26645 AU
morning rise	-1854 Oct 09 j 18:41	22°♍44'35	
direct	-1854 Oct 25 j 01:14	18°♍08'08	
asc. node	-1854 Nov 02 j 12:51	19°♍31'12	
greatest brilliancy	-1854 Nov 04 j 19:53	20°♍19'47	-4.9m
	-1854 Nov 21 j 00:36	0°♎	
morning max el	-1854 Dec 14 j 17:36	21°♎34'12	46°50'55
	-1854 Dec 22 j 20:00	0°♏	
	-1853 Jan 18 j 21:09	0°♐	
	-1853 Feb 13 j 16:49	0°♑	
desc. node	-1853 Feb 22 j 05:04	10°♑02'13	
	-1853 Mar 11 j 00:44	0°♒	
	-1853 Apr 05 j 02:25	0°♓	
	-1853 Apr 29 j 23:32	0°♈	
	-1853 May 24 j 16:13	0°♉	
morning set	-1853 Jun 14 j 07:27	25°♉15'28	
asc. node	-1853 Jun 15 j 06:11	26°♉25'21	
	-1853 Jun 18 j 04:00	0°♊	
	-1853 Jul 12 j 10:39	0°♋	
max. Earth dist.	-1853 Jul 16 j 11:47	5°♋01'30	1.72558 AU
superior conj	-1853 Jul 20 j 16:10	10°♋13'31	1°10'44
minimum elong	-1853 Jul 20 j 08:00	9°♋48'09	1°10'33
	-1853 Aug 05 j 13:00	0°♌	
evening rise	-1853 Aug 26 j 16:45	26°♌27'04	
	-1853 Aug 29 j 12:49	0°♍	
	-1853 Sep 22 j 12:11	0°♎	
desc. node	-1853 Oct 04 j 21:42	15°♎29'31	
	-1853 Oct 16 j 12:43	0°♏	
	-1853 Nov 09 j 15:47	0°♐	
	-1853 Dec 03 j 23:27	0°♑	
	-1853 Dec 28 j 16:25	0°♒	
	-1852 Jan 23 j 04:32	0°♓	
asc. node	-1852 Jan 25 j 22:21	3°♓08'11	
	-1852 Feb 19 j 10:43	0°♈	
evening max el	-1852 Mar 01 j 04:21	10°♈49'04	45°32'08
	-1852 Mar 23 j 10:37	0°♉	
greatest brilliancy	-1852 Apr 08 j 01:07	8°♉46'00	-4.7m
retrograde	-1852 Apr 18 j 20:54	10°♉53'02	
evening set	-1852 May 04 j 03:14	6°♉23'59	
inferior conj	-1852 May 10 j 08:07	2°♉41'18	1°26'33
minimum elong	-1852 May 10 j 11:14	2°♉36'26	1°25'41
min. Earth dist.	-1852 May 10 j 19:00	2°♉24'18	0.29033 AU
	-1852 May 14 j 17:14	30°℞♈	
morning rise	-1852 May 16 j 18:52	28°♈49'08	
desc. node	-1852 May 16 j 14:13	28°♈55'32	
direct	-1852 Jun 01 j 01:21	24°♈20'01	
greatest brilliancy	-1852 Jun 11 j 20:30	26°♈24'47	-4.7m
	-1852 Jun 19 j 12:26	0°♉	
morning max el	-1852 Jul 20 j 05:38	24°♉34'45	46°02'53
	-1852 Jul 25 j 17:33	0°♊	
	-1852 Aug 22 j 14:56	0°♋	
asc. node	-1852 Sep 06 j 15:32	17°♋20'41	
	-1852 Sep 17 j 07:44	0°♌	
	-1852 Oct 11 j 23:47	0°♍	
	-1852 Nov 05 j 04:03	0°♎	
	-1852 Nov 29 j 04:11	0°♏	
	-1852 Dec 23 j 04:21	0°♐	
desc. node	-1852 Dec 27 j 07:28	5°♐09'12	
	-1851 Jan 16 j 06:17	0°♑	
morning set	-1851 Jan 23 j 10:55	8°♑56'19	
	-1851 Feb 09 j 10:26	0°♒	
superior conj	-1851 Mar 03 j 20:47	27°♒43'56	-1°21'23
minimum elong	-1851 Mar 04 j 01:59	27°♒59'58	1°21'20
	-1851 Mar 05 j 16:53	0°♓	
max. Earth dist.	-1851 Mar 06 j 07:47	0°♓45'56	1.73085 AU
	-1851 Mar 30 j 01:42	0°♈	
evening rise	-1851 Apr 10 j 10:36	13°♈57'32	
asc. node	-1851 Apr 19 j 08:21	24°♈52'25	
	-1851 Apr 23 j 12:49	0°♉	
	-1851 May 18 j 02:07	0°♊	
	-1851 Jun 11 j 17:55	0°♋	
	-1851 Jul 06 j 13:36	0°♌	
	-1851 Jul 31 j 16:06	0°♍	
desc. node	-1851 Aug 08 j 23:41	9°♍49'28	
	-1851 Aug 26 j 06:51	0°♎	
	-1851 Sep 21 j 22:50	0°♏	
evening max el	-1851 Oct 07 j 12:14	16°♏23'37	47°28'51
	-1851 Oct 21 j 16:54	0°♐	
greatest brilliancy	-1851 Nov 17 j 04:18	18°♐02'58	-4.9m
retrograde	-1851 Nov 27 j 12:41	20°♐06'38	
asc. node	-1851 Nov 30 j 00:44	19°♐58'45	
evening set	-1851 Dec 12 j 07:26	15°♐40'26	
min. Earth dist.	-1851 Dec 17 j 05:06	12°♐45'12	0.26896 AU
inferior conj	-1851 Dec 18 j 05:00	12°♐08'04	4°25'08
minimum elong	-1851 Dec 17 j 20:27	12°♐21'21	4°22'47
morning rise	-1851 Dec 23 j 10:15	9°♐00'28	
direct	-1850 Jan 07 j 14:59	4°♐24'27	
greatest brilliancy	-1850 Jan 16 j 15:47	5°♐57'42	-4.9m
	-1850 Feb 20 j 03:35	0°♑	
morning max el	-1850 Feb 26 j 03:31	5°♑42'45	46°14'35
desc. node	-1850 Mar 21 j 16:47	0°♒03'35	
	-1850 Mar 21 j 15:27	0°♒	
	-1850 Apr 17 j 14:34	0°♓	
	-1850 May 13 j 13:09	0°♈	
	-1850 Jun 07 j 21:05	0°♉	
	-1850 Jul 02 j 17:36	0°♊	
asc. node	-1850 Jul 12 j 17:56	12°♊14'03	
	-1850 Jul 27 j 04:16	0°♋	
	-1850 Aug 20 j 07:01	0°♌	
morning set	-1850 Aug 22 j 08:59	2°♌36'16	
	-1850 Sep 13 j 04:41	0°♍	
max. Earth dist.	-1850 Sep 29 j 09:42	20°♍24'53	1.71068 AU
superior conj	-1850 Sep 30 j 00:10	21°♍10'29	1°06'35

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

minimum elong	-1850 Sep 30 j 10:42	21°♍43'40	1°06'16
	-1850 Oct 07 j 00:14	0°♎	
	-1850 Oct 30 j 20:02	0°♏	
desc. node	-1850 Nov 01 j 09:48	1°♏58'46	
evening rise	-1850 Nov 10 j 12:30	13°♏25'54	
	-1850 Nov 23 j 17:27	0°♐	
	-1850 Dec 17 j 17:33	0°♑	
	-1849 Jan 10 j 21:54	0°♒	
	-1849 Feb 04 j 09:23	0°♓	
asc. node	-1849 Feb 22 j 10:20	21°♓45'15	
	-1849 Mar 01 j 08:34	0°♈	
	-1849 Mar 27 j 02:56	0°♉	
	-1849 Apr 23 j 08:22	0°♊	
evening max el	-1849 May 12 j 01:19	18°♊51'55	45°17'41
	-1849 May 24 j 10:32	0°♋	
desc. node	-1849 Jun 14 j 02:05	14°♋11'30	
greatest brilliancy	-1849 Jun 19 j 10:16	16°♋26'08	-4.7m
retrograde	-1849 Jun 29 j 13:19	18°♋15'35	
evening set	-1849 Jul 15 j 22:57	13°♋13'27	
inferior conj	-1849 Jul 20 j 18:33	10°♋20'51	-7°21'17
minimum elong	-1849 Jul 20 j 09:04	10°♋35'25	7°19'42
min. Earth dist.	-1849 Jul 21 j 01:56	10°♋09'31	0.28210 AU
morning rise	-1849 Jul 24 j 18:52	7°♋55'17	
direct	-1849 Aug 11 j 04:16	2°♋15'45	
greatest brilliancy	-1849 Aug 22 j 02:00	4°♋26'28	-4.8m
	-1849 Sep 25 j 17:41	0°♌	
morning max el	-1849 Sep 30 j 12:22	4°♌44'31	46°42'13
asc. node	-1849 Oct 05 j 03:16	9°♌29'11	
	-1849 Oct 23 j 22:14	0°♍	
	-1849 Nov 18 j 14:39	0°♎	
	-1849 Dec 13 j 10:18	0°♏	
	-1848 Jan 06 j 23:00	0°♐	
desc. node	-1848 Jan 24 j 19:15	21°♐52'43	
	-1848 Jan 31 j 10:10	0°♑	
	-1848 Feb 24 j 21:33	0°♒	
	-1848 Mar 20 j 09:19	0°♓	
morning set	-1848 Apr 04 j 23:08	19°♓04'44	
	-1848 Apr 13 j 21:06	0°♈	
	-1848 May 08 j 08:15	0°♉	
max. Earth dist.	-1848 May 09 j 19:47	1°♉49'01	1.73682 AU
superior conj	-1848 May 11 j 07:55	3°♉39'54	-0°12'59
minimum elong	-1848 May 11 j 10:29	3°♉47'47	0°12'50
behind sun begin	-1848 May 10 j 21:21	3°♉07'27	
behind sun end	-1848 May 11 j 23:37	4°♉28'07	
asc. node	-1848 May 16 j 20:23	10°♉26'36	
	-1848 Jun 01 j 18:03	0°♊	
evening rise	-1848 Jun 16 j 01:36	17°♊37'52	
	-1848 Jun 26 j 02:13	0°♋	
	-1848 Jul 20 j 09:21	0°♌	
	-1848 Aug 13 j 16:49	0°♍	
desc. node	-1848 Sep 05 j 11:45	28°♍01'29	
	-1848 Sep 07 j 02:26	0°♎	
	-1848 Oct 01 j 16:21	0°♏	
	-1848 Oct 26 j 14:25	0°♐	
	-1848 Nov 21 j 06:22	0°♑	
evening max el	-1848 Dec 17 j 21:24	28°♑57'11	46°51'53
	-1848 Dec 18 j 22:11	0°♒	
asc. node	-1848 Dec 27 j 12:34	8°♒23'19	
greatest brilliancy	-1847 Jan 26 j 16:49	29°♒53'57	-4.8m
	-1847 Jan 26 j 23:10	0°♓	
retrograde	-1847 Feb 06 j 09:55	2°♓03'19	
	-1847 Feb 16 j 10:16	30°℞♒	
evening set	-1847 Feb 24 j 06:03	25°♒53'16	
inferior conj	-1847 Feb 27 j 16:48	23°♒42'27	8°15'48
minimum elong	-1847 Feb 27 j 20:34	23°♒36'27	8°15'33
min. Earth dist.	-1847 Feb 27 j 09:41	23°♒53'51	0.28807 AU
morning rise	-1847 Mar 03 j 11:18	21°♒20'13	
direct	-1847 Mar 21 j 00:36	15°♒27'04	
greatest brilliancy	-1847 Mar 30 j 09:15	17°♒03'02	-4.7m
desc. node	-1847 Apr 18 j 04:30	27°♒34'01	
	-1847 Apr 21 j 09:08	0°♓	
morning max el	-1847 May 08 j 18:56	15°♓15'57	45°47'02
	-1847 May 23 j 13:33	0°♈	
	-1847 Jun 20 j 04:49	0°♉	
	-1847 Jul 16 j 05:00	0°♊	
asc. node	-1847 Aug 09 j 05:50	28°♊45'08	
	-1847 Aug 10 j 06:30	0°♋	
	-1847 Sep 03 j 16:45	0°♌	
	-1847 Sep 27 j 17:25	0°♍	
	-1847 Oct 21 j 13:26	0°♎	
morning set	-1847 Nov 04 j 14:49	17°♎43'25	
	-1847 Nov 14 j 08:37	0°♏	
desc. node	-1847 Nov 28 j 21:39	18°♏17'52	
	-1847 Dec 08 j 05:12	0°♐	
superior conj	-1847 Dec 16 j 16:28	10°♐37'20	-0°40'15
minimum elong	-1847 Dec 16 j 06:42	10°♐06'43	0°39'52
max. Earth dist.	-1847 Dec 20 j 22:10	15°♐55'45	1.71453 AU
	-1846 Jan 01 j 04:10	0°♑	
	-1846 Jan 25 j 06:02	0°♒	
evening rise	-1846 Jan 26 j 18:07	1°♒52'01	
	-1846 Feb 18 j 11:45	0°♓	
	-1846 Mar 14 j 22:42	0°♈	
asc. node	-1846 Mar 21 j 22:30	8°♈30'54	
	-1846 Apr 08 j 16:32	0°♉	
	-1846 May 03 j 19:23	0°♊	
	-1846 May 29 j 11:18	0°♋	
	-1846 Jun 25 j 01:56	0°♌	
desc. node	-1846 Jul 11 j 13:50	17°♌38'33	
evening max el	-1846 Jul 23 j 17:02	29°♌50'26	46°22'54
	-1846 Jul 23 j 20:58	0°♍	
greatest brilliancy	-1846 Sep 02 j 12:30	29°♍30'10	-4.9m
	-1846 Sep 04 j 05:13	0°♎	
retrograde	-1846 Sep 11 j 10:21	0°♎59'06	
	-1846 Sep 18 j 10:27	30°℞♍	
evening set	-1846 Sep 27 j 22:43	25°♍48'05	
inferior conj	-1846 Oct 02 j 02:36	23°♍20'07	-6°53'59
minimum elong	-1846 Oct 02 j 13:17	23°♍03'57	6°51'47
min. Earth dist.	-1846 Oct 02 j 17:14	22°♍57'58	0.26695 AU
morning rise	-1846 Oct 07 j 03:27	20°♍21'50	
direct	-1846 Oct 22 j 13:57	15°♍39'17	
asc. node	-1846 Nov 01 j 15:01	17°♍34'37	
greatest brilliancy	-1846 Nov 02 j 10:01	17°♍52'38	-4.9m
	-1846 Nov 21 j 16:46	0°♎	
morning max el	-1846 Dec 12 j 07:41	19°♎09'31	46°51'40
	-1846 Dec 22 j 16:02	0°♏	
	-1845 Jan 18 j 12:38	0°♐	
	-1845 Feb 13 j 06:15	0°♑	
desc. node	-1845 Feb 21 j 07:08	9°♑29'53	
	-1845 Mar 10 j 13:00	0°♒	
	-1845 Apr 04 j 13:56	0°♓	
	-1845 Apr 29 j 10:36	0°♈	
	-1845 May 24 j 03:02	0°♉	
morning set	-1845 Jun 12 j 02:01	23°♉12'10	
asc. node	-1845 Jun 14 j 08:11	25°♉58'34	
	-1845 Jun 17 j 14:42	0°♊	
	-1845 Jul 11 j 21:22	0°♋	
max. Earth dist.	-1845 Jul 14 j 07:13	2°♋59'30	1.72617 AU
superior conj	-1845 Jul 18 j 09:46	8°♋05'39	1°08'56
minimum elong	-1845 Jul 18 j 01:24	7°♋39'38	1°08'43
	-1845 Aug 04 j 23:48	0°♌	
evening rise	-1845 Aug 24 j 07:32	24°♌08'58	

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

	-1845 Aug 28 j 23:46	0°♍	
	-1845 Sep 21 j 23:20	0°♎	
desc. node	-1845 Oct 03 j 23:53	15°♎01'09	
	-1845 Oct 16 j 00:09	0°♏	
	-1845 Nov 09 j 03:31	0°♐	
	-1845 Dec 03 j 11:38	0°♑	
	-1845 Dec 28 j 05:22	0°♒	
	-1844 Jan 22 j 19:03	0°♓	
asc. node	-1844 Jan 25 j 00:26	2°♓32'11	
	-1844 Feb 19 j 05:21	0°♈	
evening max el	-1844 Feb 27 j 20:43	8°♈39'48	45°34'17
	-1844 Mar 24 j 04:36	0°♉	
greatest brilliancy	-1844 Apr 05 j 17:05	6°♉38'40	-4.7m
retrograde	-1844 Apr 16 j 14:11	8°♉46'36	
evening set	-1844 May 01 j 21:25	4°♉15'16	
inferior conj	-1844 May 08 j 00:49	0°♉34'11	1°45'30
minimum elong	-1844 May 08 j 04:35	0°♉28'17	1°44'27
min. Earth dist.	-1844 May 08 j 11:23	0°♉17'40	0.29049 AU
	-1844 May 08 j 22:42	30°℞♈	
morning rise	-1844 May 14 j 11:31	26°♈42'13	
desc. node	-1844 May 15 j 16:12	26°♈03'54	
direct	-1844 May 29 j 18:31	22°♈12'43	
greatest brilliancy	-1844 Jun 09 j 12:11	24°♈16'36	-4.7m
	-1844 Jun 20 j 18:15	0°♉	
morning max el	-1844 Jul 17 j 22:46	22°♉27'25	46°01'34
	-1844 Jul 25 j 13:16	0°♊	
	-1844 Aug 22 j 05:49	0°♋	
asc. node	-1844 Sep 05 j 17:42	16°♋46'51	
	-1844 Sep 16 j 20:48	0°♌	
	-1844 Oct 11 j 12:00	0°♍	
	-1844 Nov 04 j 15:48	0°♎	
	-1844 Nov 28 j 15:37	0°♏	
	-1844 Dec 22 j 15:34	0°♐	
desc. node	-1844 Dec 26 j 09:27	4°♐40'30	
	-1843 Jan 15 j 17:19	0°♑	
morning set	-1843 Jan 20 j 22:26	6°♑28'51	
	-1843 Feb 08 j 21:18	0°♒	
superior conj	-1843 Mar 01 j 11:58	25°♒29'25	-1°22'15
minimum elong	-1843 Mar 01 j 16:30	25°♒43'25	1°22'14
max. Earth dist.	-1843 Mar 04 j 02:23	28°♒42'04	1.73038 AU
	-1843 Mar 05 j 03:39	0°♓	
	-1843 Mar 29 j 12:25	0°♈	
evening rise	-1843 Apr 08 j 04:16	11°♈51'42	
asc. node	-1843 Apr 18 j 10:31	24°♈26'13	
	-1843 Apr 22 j 23:35	0°♉	
	-1843 May 17 j 13:04	0°♊	
	-1843 Jun 11 j 05:17	0°♋	
	-1843 Jul 06 j 01:40	0°♌	
	-1843 Jul 31 j 05:15	0°♍	
desc. node	-1843 Aug 08 j 01:45	9°♍15'33	
	-1843 Aug 25 j 21:51	0°♎	
	-1843 Sep 21 j 17:38	0°♏	
evening max el	-1843 Oct 05 j 03:58	14°♏04'04	47°28'08
	-1843 Oct 22 j 01:00	0°♐	
greatest brilliancy	-1843 Nov 14 j 18:36	15°♐36'50	-4.9m
retrograde	-1843 Nov 25 j 02:43	17°♐39'36	
asc. node	-1843 Nov 29 j 02:44	17°♐19'26	
evening set	-1843 Dec 09 j 18:59	13°♐16'56	
min. Earth dist.	-1843 Dec 14 j 18:48	10°♐18'34	0.26833 AU
inferior conj	-1843 Dec 15 j 18:11	9°♐42'16	4°05'00
minimum elong	-1843 Dec 15 j 10:05	9°♐54'51	4°02'42
morning rise	-1843 Dec 21 j 02:00	6°♐31'17	
direct	-1842 Jan 05 j 04:11	1°♐59'57	
greatest brilliancy	-1842 Jan 14 j 05:02	3°♐33'24	-4.9m
	-1842 Feb 20 j 04:55	0°♑	
morning max el	-1842 Feb 23 j 17:28	3°♑23'37	46°15'54
desc. node	-1842 Mar 20 j 18:58	29°♑24'09	
	-1842 Mar 21 j 08:10	0°♒	
	-1842 Apr 17 j 04:21	0°♓	
	-1842 May 13 j 01:30	0°♈	
	-1842 Jun 07 j 08:38	0°♉	
	-1842 Jul 02 j 04:41	0°♊	
asc. node	-1842 Jul 11 j 20:05	11°♊46'58	
	-1842 Jul 26 j 15:08	0°♋	
	-1842 Aug 19 j 17:50	0°♌	
morning set	-1842 Aug 20 j 00:11	0°♌19'50	
	-1842 Sep 12 j 15:33	0°♍	
max. Earth dist.	-1842 Sep 26 j 12:35	17°♍28'27	1.71100 AU
superior conj	-1842 Sep 27 j 12:21	18°♍43'18	1°08'50
minimum elong	-1842 Sep 27 j 22:32	19°♍15'23	1°08'32
	-1842 Oct 06 j 11:12	0°♎	
	-1842 Oct 30 j 07:05	0°♏	
desc. node	-1842 Oct 31 j 11:50	1°♏30'24	
evening rise	-1842 Nov 07 j 21:30	10°♏48'34	
	-1842 Nov 23 j 04:36	0°♐	
	-1842 Dec 17 j 04:48	0°♑	
	-1841 Jan 10 j 09:21	0°♒	
	-1841 Feb 03 j 21:10	0°♓	
asc. node	-1841 Feb 21 j 12:32	21°♓15'19	
	-1841 Feb 28 j 21:04	0°♈	
	-1841 Mar 26 j 16:55	0°♉	
	-1841 Apr 23 j 01:53	0°♊	
evening max el	-1841 May 09 j 15:57	16°♊38'18	45°16'45
	-1841 May 24 j 17:55	0°♋	
desc. node	-1841 Jun 13 j 04:07	12°♋39'46	
greatest brilliancy	-1841 Jun 17 j 00:12	14°♋12'10	-4.7m
retrograde	-1841 Jun 27 j 03:13	16°♋02'01	
evening set	-1841 Jul 13 j 10:19	11°♋04'28	
inferior conj	-1841 Jul 18 j 09:29	8°♋06'52	-7°09'07
minimum elong	-1841 Jul 17 j 23:43	8°♋21'51	7°07'25
min. Earth dist.	-1841 Jul 18 j 16:56	7°♋55'24	0.28247 AU
morning rise	-1841 Jul 22 j 12:46	5°♋36'45	
direct	-1841 Aug 08 j 19:15	0°♋01'01	
greatest brilliancy	-1841 Aug 19 j 17:49	2°♋11'49	-4.8m
	-1841 Sep 25 j 17:08	0°♌	
morning max el	-1841 Sep 28 j 01:31	2°♌21'00	46°40'57
asc. node	-1841 Oct 04 j 05:27	8°♌42'04	
	-1841 Oct 23 j 14:37	0°♍	
	-1841 Nov 18 j 04:39	0°♎	
	-1841 Dec 12 j 23:09	0°♏	
	-1840 Jan 06 j 11:08	0°♐	
desc. node	-1840 Jan 23 j 21:25	21°♐23'15	
	-1840 Jan 30 j 21:49	0°♑	
	-1840 Feb 24 j 08:49	0°♒	
	-1840 Mar 19 j 20:18	0°♓	
morning set	-1840 Apr 02 j 16:29	16°♓57'37	
	-1840 Apr 13 j 07:54	0°♈	
max. Earth dist.	-1840 May 07 j 15:32	29°♈49'28	1.73689 AU
	-1840 May 07 j 18:58	0°♉	
superior conj	-1840 May 09 j 02:31	1°♉36'46	-0°16'02
minimum elong	-1840 May 09 j 05:40	1°♉46'28	0°15'51
asc. node	-1840 May 15 j 22:23	9°♉59'47	
	-1840 Jun 01 j 04:48	0°♊	
evening rise	-1840 Jun 13 j 20:50	15°♊35'57	
	-1840 Jun 25 j 13:07	0°♋	
	-1840 Jul 19 j 20:29	0°♌	
	-1840 Aug 13 j 04:18	0°♍	
desc. node	-1840 Sep 04 j 13:57	27°♍31'37	
	-1840 Sep 06 j 14:25	0°♎	
	-1840 Oct 01 j 05:05	0°♏	
	-1840 Oct 26 j 04:21	0°♐	

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

	-1840 Nov 20 j 22:35	0°♉	
evening max el	-1840 Dec 15 j 11:28	26°♉35'43	46°54'26
	-1840 Dec 18 j 20:40	0°♒	
asc. node	-1840 Dec 26 j 14:41	7°♒26'42	
greatest brilliancy	-1839 Jan 24 j 09:39	27°♒40'45	-4.8m
retrograde	-1839 Feb 04 j 01:55	29°♒50'06	
evening set	-1839 Feb 21 j 23:02	23°♒38'45	
inferior conj	-1839 Feb 25 j 08:56	21°♒29'28	8°19'49
minimum elong	-1839 Feb 25 j 11:59	21°♒24'35	8°19'39
min. Earth dist.	-1839 Feb 25 j 01:00	21°♒42'08	0.28765 AU
morning rise	-1839 Mar 01 j 01:08	19°♒10'45	
direct	-1839 Mar 18 j 15:27	13°♒14'38	
greatest brilliancy	-1839 Mar 28 j 00:11	14°♒50'33	-4.7m
desc. node	-1839 Apr 17 j 06:32	26°♒27'06	
	-1839 Apr 21 j 18:18	0°♓	
morning max el	-1839 May 06 j 10:02	13°♓03'33	45°47'24
	-1839 May 23 j 07:31	0°♈	
	-1839 Jun 19 j 19:04	0°♉	
	-1839 Jul 15 j 17:40	0°♊	
asc. node	-1839 Aug 08 j 07:58	28°♊15'28	
	-1839 Aug 09 j 18:23	0°♋	
	-1839 Sep 03 j 04:13	0°♌	
	-1839 Sep 27 j 04:39	0°♍	
	-1839 Oct 21 j 00:34	0°♎	
morning set	-1839 Nov 02 j 01:30	15°♎10'43	
	-1839 Nov 13 j 19:43	0°♏	
desc. node	-1839 Nov 27 j 23:39	17°♏49'17	
	-1839 Dec 07 j 16:18	0°♐	
superior conj	-1839 Dec 14 j 02:00	8°♐02'04	-0°36'42
minimum elong	-1839 Dec 13 j 16:52	7°♐33'26	0°36'20
max. Earth dist.	-1839 Dec 18 j 03:13	13°♐06'38	1.71412 AU
	-1839 Dec 31 j 15:15	0°♑	
evening rise	-1838 Jan 24 j 06:10	29°♑25'59	
	-1838 Jan 24 j 17:07	0°♒	
	-1838 Feb 17 j 22:53	0°♓	
	-1838 Mar 14 j 10:01	0°♈	
asc. node	-1838 Mar 21 j 00:34	8°♈02'35	
	-1838 Apr 08 j 04:15	0°♉	
	-1838 May 03 j 07:52	0°♊	
	-1838 May 29 j 01:10	0°♋	
	-1838 Jun 24 j 18:37	0°♌	
desc. node	-1838 Jul 10 j 15:59	16°♌52'30	
evening max el	-1838 Jul 21 j 06:07	27°♌28'07	46°20'06
	-1838 Jul 23 j 21:28	0°♍	
greatest brilliancy	-1838 Aug 31 j 00:02	27°♍02'24	-4.9m
retrograde	-1838 Sep 08 j 22:49	28°♍31'55	
evening set	-1838 Sep 25 j 14:15	23°♍15'37	
inferior conj	-1838 Sep 29 j 14:52	20°♍52'26	-7°08'43
minimum elong	-1838 Sep 30 j 01:23	20°♍36'32	7°06'40
min. Earth dist.	-1838 Sep 30 j 05:50	20°♍29'48	0.26741 AU
morning rise	-1838 Oct 04 j 12:09	17°♍59'28	
direct	-1838 Oct 20 j 03:15	13°♍10'52	
greatest brilliancy	-1838 Oct 30 j 23:29	15°♍24'56	-4.9m
asc. node	-1838 Oct 31 j 16:58	15°♍42'35	
	-1838 Nov 22 j 04:49	0°♎	
morning max el	-1838 Dec 09 j 22:12	16°♎45'59	46°52'17
	-1838 Dec 22 j 11:29	0°♏	
	-1837 Jan 18 j 03:58	0°♐	
	-1837 Feb 12 j 19:44	0°♑	
desc. node	-1837 Feb 20 j 09:17	8°♑57'24	
	-1837 Mar 10 j 01:26	0°♒	
	-1837 Apr 04 j 01:43	0°♓	
	-1837 Apr 28 j 21:57	0°♈	
	-1837 May 23 j 14:07	0°♉	
morning set	-1837 Jun 09 j 20:18	21°♉07'19	
asc. node	-1837 Jun 13 j 10:18	25°♉31'25	
	-1837 Jun 17 j 01:39	0°♊	
	-1837 Jul 11 j 08:18	0°♋	
max. Earth dist.	-1837 Jul 12 j 01:47	0°♋54'12	1.72671 AU
superior conj	-1837 Jul 16 j 03:12	5°♋56'36	1°07'00
minimum elong	-1837 Jul 15 j 18:40	5°♋30'06	1°06'48
	-1837 Aug 04 j 10:50	0°♌	
evening rise	-1837 Aug 21 j 22:21	21°♌50'19	
	-1837 Aug 28 j 10:58	0°♍	
	-1837 Sep 21 j 10:45	0°♎	
desc. node	-1837 Oct 03 j 01:53	14°♎31'28	
	-1837 Oct 15 j 11:48	0°♏	
	-1837 Nov 08 j 15:27	0°♐	
	-1837 Dec 03 j 00:00	0°♑	
	-1837 Dec 27 j 18:32	0°♒	
	-1836 Jan 22 j 09:56	0°♓	
asc. node	-1836 Jan 24 j 02:36	1°♓55'31	
	-1836 Feb 19 j 00:51	0°♈	
evening max el	-1836 Feb 25 j 13:18	6°♈29'57	45°36'11
	-1836 Mar 25 j 06:10	0°♉	
greatest brilliancy	-1836 Apr 03 j 09:28	4°♉30'18	-4.7m
retrograde	-1836 Apr 14 j 06:57	6°♉38'15	
evening set	-1836 Apr 29 j 15:34	2°♉04'43	
	-1836 May 03 j 04:28	30°℞♈	
inferior conj	-1836 May 05 j 17:21	28°♈25'20	2°04'23
minimum elong	-1836 May 05 j 21:44	28°♈18'26	2°03'10
min. Earth dist.	-1836 May 06 j 03:39	28°♈09'12	0.29065 AU
morning rise	-1836 May 12 j 03:46	24°♈33'36	
desc. node	-1836 May 14 j 18:15	23°♈13'07	
direct	-1836 May 27 j 11:39	20°♈03'47	
greatest brilliancy	-1836 Jun 07 j 03:26	22°♈06'17	-4.7m
	-1836 Jun 21 j 16:36	0°♉	
morning max el	-1836 Jul 15 j 14:57	20°♉16'37	46°00'19
	-1836 Jul 25 j 08:50	0°♊	
	-1836 Aug 21 j 20:51	0°♋	
asc. node	-1836 Sep 04 j 19:50	16°♋12'06	
	-1836 Sep 16 j 10:05	0°♌	
	-1836 Oct 11 j 00:27	0°♍	
	-1836 Nov 04 j 03:48	0°♎	
	-1836 Nov 28 j 03:19	0°♏	
	-1836 Dec 22 j 03:00	0°♐	
desc. node	-1836 Dec 25 j 11:37	4°♐11'38	
	-1835 Jan 15 j 04:33	0°♑	
morning set	-1835 Jan 18 j 10:12	4°♑01'26	
	-1835 Feb 08 j 08:23	0°♒	
superior conj	-1835 Feb 27 j 03:13	23°♒14'17	-1°23'00
minimum elong	-1835 Feb 27 j 07:04	23°♒26'09	1°22'59
max. Earth dist.	-1835 Mar 01 j 23:06	26°♒43'53	1.72993 AU
	-1835 Mar 04 j 14:39	0°♓	
	-1835 Mar 28 j 23:26	0°♈	
evening rise	-1835 Apr 05 j 21:48	9°♈44'26	
asc. node	-1835 Apr 17 j 12:29	23°♈58'22	
	-1835 Apr 22 j 10:41	0°♉	
	-1835 May 17 j 00:25	0°♊	
	-1835 Jun 10 j 17:04	0°♋	
	-1835 Jul 05 j 14:10	0°♌	
	-1835 Jul 30 j 18:53	0°♍	
desc. node	-1835 Aug 07 j 03:54	8°♍40'34	
	-1835 Aug 25 j 13:26	0°♎	
	-1835 Sep 21 j 13:21	0°♏	
evening max el	-1835 Oct 02 j 18:49	11°♏41'10	47°27'14
	-1835 Oct 22 j 12:28	0°♐	
greatest brilliancy	-1835 Nov 12 j 09:26	13°♐10'04	-4.9m
retrograde	-1835 Nov 22 j 16:08	15°♐11'04	
asc. node	-1835 Nov 28 j 04:56	14°♐32'39	
evening set	-1835 Dec 07 j 06:39	10°♐51'50	

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.	-1835 Dec 12 j 08:51	7°♐50'05	0.26768 AU
inferior conj	-1835 Dec 13 j 07:15	7°♐15'16	3°44'17
minimum elong	-1835 Dec 12 j 23:41	7°♐27'02	3°42'05
morning rise	-1835 Dec 18 j 17:32	4°♐00'51	
	-1835 Dec 29 j 03:04	30°℞♏	
direct	-1834 Jan 02 j 16:55	29°♏34'11	
	-1834 Jan 07 j 09:04	0°♐	
greatest brilliancy	-1834 Jan 11 j 18:44	1°♐08'20	-4.9m
	-1834 Feb 20 j 05:19	0°♑	
morning max el	-1834 Feb 21 j 06:17	1°♑00'45	46°17'23
desc. node	-1834 Mar 19 j 21:00	28°♑44'02	
	-1834 Mar 21 j 00:49	0°♒	
	-1834 Apr 16 j 18:16	0°♓	
	-1834 May 12 j 14:05	0°♈	
	-1834 Jun 06 j 20:29	0°♉	
	-1834 Jul 01 j 16:08	0°♊	
asc. node	-1834 Jul 10 j 22:15	11°♊18'44	
	-1834 Jul 26 j 02:23	0°♋	
morning set	-1834 Aug 17 j 15:10	28°♋01'41	
	-1834 Aug 19 j 05:01	0°♌	
	-1834 Sep 12 j 02:45	0°♍	
max. Earth dist.	-1834 Sep 23 j 16:42	14°♍34'56	1.71133 AU
superior conj	-1834 Sep 25 j 00:31	16°♍15'05	1°10'55
minimum elong	-1834 Sep 25 j 10:17	16°♍45'51	1°10'40
	-1834 Oct 05 j 22:28	0°♎	
	-1834 Oct 29 j 18:27	0°♏	
desc. node	-1834 Oct 30 j 13:51	1°♏00'59	
evening rise	-1834 Nov 05 j 06:30	8°♏10'15	
	-1834 Nov 22 j 16:04	0°♐	
	-1834 Dec 16 j 16:23	0°♑	
	-1833 Jan 09 j 21:06	0°♒	
	-1833 Feb 03 j 09:15	0°♓	
asc. node	-1833 Feb 20 j 14:37	20°♓44'11	
	-1833 Feb 28 j 09:51	0°♈	
	-1833 Mar 26 j 07:15	0°♉	
	-1833 Apr 22 j 20:05	0°♊	
evening max el	-1833 May 07 j 05:51	14°♊22'15	45°15'46
	-1833 May 25 j 04:35	0°♋	
desc. node	-1833 Jun 12 j 06:18	11°♋03'40	
greatest brilliancy	-1833 Jun 14 j 13:43	11°♋56'35	-4.7m
retrograde	-1833 Jun 24 j 17:22	13°♋47'25	
evening set	-1833 Jul 10 j 21:36	8°♋53'58	
inferior conj	-1833 Jul 16 j 00:19	5°♋51'34	-6°56'11
minimum elong	-1833 Jul 15 j 14:20	6°♋06'53	6°54'21
min. Earth dist.	-1833 Jul 16 j 07:53	5°♋39'57	0.28291 AU
morning rise	-1833 Jul 20 j 06:39	3°♋16'57	
	-1833 Jul 26 j 17:36	30°℞♊	
direct	-1833 Aug 06 j 10:02	27°♊44'45	
greatest brilliancy	-1833 Aug 17 j 10:01	29°♊56'22	-4.8m
	-1833 Aug 17 j 13:48	0°♋	
morning max el	-1833 Sep 25 j 15:09	29°♋57'39	46°39'49
	-1833 Sep 25 j 16:05	0°♌	
asc. node	-1833 Oct 03 j 07:26	7°♌53'55	
	-1833 Oct 23 j 07:06	0°♍	
	-1833 Nov 17 j 18:50	0°♎	
	-1833 Dec 12 j 12:10	0°♏	
	-1832 Jan 05 j 23:28	0°♐	
desc. node	-1832 Jan 22 j 23:28	20°♐52'46	
	-1832 Jan 30 j 09:40	0°♑	
	-1832 Feb 23 j 20:18	0°♒	
	-1832 Mar 19 j 07:29	0°♓	
morning set	-1832 Mar 31 j 09:59	14°♓50'18	
	-1832 Apr 12 j 18:52	0°♈	
max. Earth dist.	-1832 May 05 j 12:51	27°♈54'11	1.73696 AU
superior conj	-1832 May 06 j 21:21	29°♈33'56	-0°19'01
minimum elong	-1832 May 07 j 01:05	29°♈45'24	0°18'50
	-1832 May 07 j 05:51	0°♉	
asc. node	-1832 May 15 j 00:32	9°♉32'59	
	-1832 May 31 j 15:44	0°♊	
evening rise	-1832 Jun 11 j 16:21	13°♊34'22	
	-1832 Jun 25 j 00:14	0°♋	
	-1832 Jul 19 j 07:53	0°♌	
	-1832 Aug 12 j 16:06	0°♍	
desc. node	-1832 Sep 03 j 15:55	26°♍59'58	
	-1832 Sep 06 j 02:46	0°♎	
	-1832 Sep 30 j 18:13	0°♏	
	-1832 Oct 25 j 18:41	0°♐	
	-1832 Nov 20 j 15:19	0°♑	
evening max el	-1832 Dec 13 j 01:55	24°♑14'33	46°57'05
	-1832 Dec 18 j 20:21	0°♒	
asc. node	-1832 Dec 25 j 16:50	6°♒28'19	
greatest brilliancy	-1831 Jan 22 j 01:56	25°♒26'16	-4.8m
retrograde	-1831 Feb 01 j 18:27	27°♒36'28	
evening set	-1831 Feb 19 j 15:48	21°♒23'57	
min. Earth dist.	-1831 Feb 22 j 16:00	19°♒30'20	0.28719 AU
inferior conj	-1831 Feb 23 j 01:04	19°♒15'51	8°23'11
minimum elong	-1831 Feb 23 j 03:25	19°♒12'07	8°23'05
morning rise	-1831 Feb 26 j 15:12	17°♒00'31	
direct	-1831 Mar 16 j 06:30	11°♒01'38	
greatest brilliancy	-1831 Mar 25 j 14:48	12°♒37'24	-4.7m
desc. node	-1831 Apr 16 j 08:32	25°♒21'34	
	-1831 Apr 22 j 01:02	0°♓	
morning max el	-1831 May 04 j 02:04	10°♓53'11	45°47'56
	-1831 May 23 j 01:08	0°♈	
	-1831 Jun 19 j 09:13	0°♉	
	-1831 Jul 15 j 06:20	0°♊	
asc. node	-1831 Aug 07 j 10:03	27°♊45'23	
	-1831 Aug 09 j 06:20	0°♋	
	-1831 Sep 02 j 15:49	0°♌	
	-1831 Sep 26 j 16:04	0°♍	
	-1831 Oct 20 j 11:54	0°♎	
morning set	-1831 Oct 30 j 12:00	12°♎36'48	
	-1831 Nov 13 j 07:02	0°♏	
desc. node	-1831 Nov 27 j 01:51	17°♏20'48	
	-1831 Dec 07 j 03:34	0°♐	
superior conj	-1831 Dec 11 j 11:07	5°♐24'54	-0°33'03
minimum elong	-1831 Dec 11 j 02:43	4°♐58'30	0°32'42
max. Earth dist.	-1831 Dec 15 j 10:06	10°♐22'37	1.71369 AU
	-1831 Dec 31 j 02:27	0°♑	
evening rise	-1830 Jan 21 j 18:03	26°♑59'03	
	-1830 Jan 24 j 04:18	0°♒	
	-1830 Feb 17 j 10:08	0°♓	
	-1830 Mar 13 j 21:26	0°♈	
asc. node	-1830 Mar 20 j 02:36	7°♈33'53	
	-1830 Apr 07 j 16:03	0°♉	
	-1830 May 02 j 20:24	0°♊	
	-1830 May 28 j 15:06	0°♋	
	-1830 Jun 24 j 11:32	0°♌	
desc. node	-1830 Jul 09 j 18:04	16°♌05'50	
evening max el	-1830 Jul 18 j 19:55	25°♌07'54	46°17'08
	-1830 Jul 23 j 23:06	0°♍	
greatest brilliancy	-1830 Aug 28 j 11:03	24°♍34'25	-4.9m
retrograde	-1830 Sep 06 j 11:14	26°♍04'35	
evening set	-1830 Sep 23 j 05:44	20°♍43'17	
inferior conj	-1830 Sep 27 j 03:06	18°♍24'35	-7°22'31
minimum elong	-1830 Sep 27 j 13:20	18°♍09'06	7°20'40
min. Earth dist.	-1830 Sep 27 j 18:04	18°♍01'56	0.26795 AU
morning rise	-1830 Oct 01 j 20:40	15°♍36'56	
direct	-1830 Oct 17 j 16:53	10°♍42'22	
greatest brilliancy	-1830 Oct 28 j 12:29	12°♍56'13	-4.9m
asc. node	-1830 Oct 30 j 19:11	13°♍54'37	

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

	-1830 Nov 22 j 14:02	0°♎		
morning max el	-1830 Dec 07 j 12:36	14°♎21'34	46°52'46	
	-1830 Dec 22 j 06:37	0°♏		
	-1829 Jan 17 j 19:14	0°♐		
	-1829 Feb 12 j 09:10	0°♑		
desc. node	-1829 Feb 19 j 11:18	8°♑24'35		
	-1829 Mar 09 j 13:48	0°♒		
	-1829 Apr 03 j 13:24	0°♓		
	-1829 Apr 28 j 09:12	0°♈		
	-1829 May 23 j 01:07	0°♉		
morning set	-1829 Jun 07 j 14:59	19°♉04'03		
asc. node	-1829 Jun 12 j 12:29	25°♉04'47		
	-1829 Jun 16 j 12:30	0°♊		
max. Earth dist.	-1829 Jul 09 j 19:35	28°♊47'05	1.72723 AU	
	-1829 Jul 10 j 19:06	0°♋		
superior conj	-1829 Jul 13 j 21:11	3°♋49'48	1°05'02	
minimum elong	-1829 Jul 13 j 12:32	3°♋23'00	1°04'48	
	-1829 Aug 03 j 21:42	0°♌		
evening rise	-1829 Aug 19 j 13:46	19°♌34'03		
	-1829 Aug 27 j 22:02	0°♍		
	-1829 Sep 20 j 22:04	0°♎		
desc. node	-1829 Oct 02 j 03:58	14°♎02'18		
	-1829 Oct 14 j 23:24	0°♏		
	-1829 Nov 08 j 03:24	0°♐		
	-1829 Dec 02 j 12:26	0°♑		
	-1829 Dec 27 j 07:49	0°♒		
	-1828 Jan 22 j 01:01	0°♓		
asc. node	-1828 Jan 23 j 04:38	1°♓18'11		
	-1828 Feb 18 j 20:53	0°♈		
evening max el	-1828 Feb 23 j 05:25	4°♈19'01	45°38'20	
	-1828 Mar 26 j 18:11	0°♉		
greatest brilliancy	-1828 Apr 01 j 02:37	2°♉23'21	-4.7m	
retrograde	-1828 Apr 11 j 23:26	4°♉30'36		
evening set	-1828 Apr 27 j 09:58	29°♈54'53		
	-1828 Apr 27 j 06:17	30°℞♈		
inferior conj	-1828 May 03 j 10:00	26°♈17'21	2°22'59	
minimum elong	-1828 May 03 j 15:00	26°♈09'30	2°21'38	
min. Earth dist.	-1828 May 03 j 20:12	26°♈01'20	0.29075 AU	
morning rise	-1828 May 09 j 19:56	22°♈25'53		
desc. node	-1828 May 13 j 20:28	20°♈26'28		
direct	-1828 May 25 j 04:39	17°♈55'49		
greatest brilliancy	-1828 Jun 04 j 18:52	19°♈56'52	-4.7m	
	-1828 Jun 22 j 08:49	0°♉		
morning max el	-1828 Jul 13 j 06:27	18°♉05'02	45°59'14	
	-1828 Jul 25 j 03:34	0°♊		
	-1828 Aug 21 j 11:23	0°♋		
asc. node	-1828 Sep 03 j 21:50	15°♋38'06		
	-1828 Sep 15 j 22:59	0°♌		
	-1828 Oct 10 j 12:34	0°♍		
	-1828 Nov 03 j 15:31	0°♎		
	-1828 Nov 27 j 14:47	0°♏		
	-1828 Dec 21 j 14:18	0°♐		
desc. node	-1828 Dec 24 j 13:43	3°♐43'00		
	-1827 Jan 14 j 15:40	0°♑		
morning set	-1827 Jan 15 j 21:18	1°♑32'12		
	-1827 Feb 07 j 19:22	0°♒		
superior conj	-1827 Feb 24 j 17:50	20°♒57'31	-1°23'37	
minimum elong	-1827 Feb 24 j 20:55	21°♒07'01	1°23'37	
max. Earth dist.	-1827 Feb 27 j 18:44	24°♒42'41	1.72941 AU	
	-1827 Mar 04 j 01:31	0°♓		
	-1827 Mar 28 j 10:15	0°♈		
evening rise	-1827 Apr 03 j 14:49	7°♈36'07		
asc. node	-1827 Apr 16 j 14:40	23°♈31'45		
	-1827 Apr 21 j 21:35	0°♉		
	-1827 May 16 j 11:33	0°♊		
	-1827 Jun 10 j 04:39	0°♋		
	-1827 Jul 05 j 02:27	0°♌		
	-1827 Jul 30 j 08:18	0°♍		
desc. node	-1827 Aug 06 j 05:55	8°♍05'55		
	-1827 Aug 25 j 04:50	0°♎		
	-1827 Sep 21 j 09:10	0°♏		
evening max el	-1827 Sep 30 j 08:33	9°♏16'45	47°26'10	
	-1827 Oct 23 j 03:00	0°♐		
greatest brilliancy	-1827 Nov 10 j 00:29	10°♐44'37	-4.9m	
retrograde	-1827 Nov 20 j 04:58	12°♐43'36		
asc. node	-1827 Nov 27 j 07:01	11°♐40'57		
evening set	-1827 Dec 04 j 18:28	8°♐27'15		
min. Earth dist.	-1827 Dec 09 j 23:14	5°♐22'02	0.26715 AU	
inferior conj	-1827 Dec 10 j 20:21	4°♐49'14	3°23'02	
minimum elong	-1827 Dec 10 j 13:21	5°♐00'06	3°20'56	
morning rise	-1827 Dec 16 j 08:58	1°♐31'28		
	-1827 Dec 19 j 08:37	30°℞♏		
direct	-1827 Dec 31 j 05:15	27°♏09'02		
greatest brilliancy	-1826 Jan 09 j 09:07	28°♏44'35	-4.9m	
	-1826 Jan 12 j 15:31	0°♐		
morning max el	-1826 Feb 18 j 18:38	28°♐36'54	46°18'46	
	-1826 Feb 20 j 04:28	0°♑		
desc. node	-1826 Mar 18 j 23:03	28°♑04'47		
	-1826 Mar 20 j 17:01	0°♒		
	-1826 Apr 16 j 07:52	0°♓		
	-1826 May 12 j 02:22	0°♈		
	-1826 Jun 06 j 08:01	0°♉		
	-1826 Jul 01 j 03:14	0°♊		
asc. node	-1826 Jul 10 j 00:13	10°♊51'02		
	-1826 Jul 25 j 13:17	0°♋		
morning set	-1826 Aug 15 j 06:29	25°♋45'37		
	-1826 Aug 18 j 15:52	0°♌		
	-1826 Sep 11 j 13:37	0°♍		
max. Earth dist.	-1826 Sep 21 j 00:10	11°♍53'00	1.71166 AU	
superior conj	-1826 Sep 22 j 13:16	13°♍49'50	1°12'51	
minimum elong	-1826 Sep 22 j 22:35	14°♍19'10	1°12'38	
	-1826 Oct 05 j 09:23	0°♎		
	-1826 Oct 29 j 05:25	0°♏		
desc. node	-1826 Oct 29 j 16:04	0°♏33'28		
evening rise	-1826 Nov 02 j 16:07	5°♏35'12		
	-1826 Nov 22 j 03:08	0°♐		
	-1826 Dec 16 j 03:36	0°♑		
	-1825 Jan 09 j 08:31	0°♒		
	-1825 Feb 02 j 21:04	0°♓		
asc. node	-1825 Feb 19 j 16:37	20°♓13'28		
	-1825 Feb 27 j 22:27	0°♈		
	-1825 Mar 25 j 21:31	0°♉		
	-1825 Apr 22 j 14:30	0°♊		
evening max el	-1825 May 04 j 20:04	12°♊07'51	45°15'07	
	-1825 May 25 j 18:22	0°♋		
desc. node	-1825 Jun 11 j 08:20	9°♋24'57		
greatest brilliancy	-1825 Jun 12 j 02:47	9°♋41'40	-4.7m	
retrograde	-1825 Jun 22 j 08:06	11°♋34'10		
evening set	-1825 Jul 08 j 09:06	6°♋44'25		
inferior conj	-1825 Jul 13 j 15:12	3°♋37'29	-6°42'47	
minimum elong	-1825 Jul 13 j 05:04	3°♋53'01	6°40'48	
min. Earth dist.	-1825 Jul 13 j 22:36	3°♋26'08	0.28331 AU	
morning rise	-1825 Jul 18 j 00:36	0°♋58'34		
	-1825 Jul 19 j 18:05	30°℞♊		
direct	-1825 Aug 04 j 01:08	25°♊29'43		
greatest brilliancy	-1825 Aug 15 j 01:56	27°♊42'04	-4.8m	
	-1825 Aug 20 j 03:50	0°♋		
morning max el	-1825 Sep 23 j 05:53	27°♋38'25	46°38'42	
	-1825 Sep 25 j 13:43	0°♌		
asc. node	-1825 Oct 02 j 09:37	7°♌08'09		
	-1825 Oct 22 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.

	-1825 Nov 17 j 08:29	0°♎	
	-1825 Dec 12 j 00:43	0°♏	
	-1824 Jan 05 j 11:21	0°♐	
desc. node	-1824 Jan 22 j 01:31	20°♐23'31	
	-1824 Jan 29 j 21:06	0°♑	
	-1824 Feb 23 j 07:24	0°♒	
	-1824 Mar 18 j 18:20	0°♓	
morning set	-1824 Mar 29 j 03:05	12°♓42'33	
	-1824 Apr 12 j 05:34	0°♈	
max. Earth dist.	-1824 May 03 j 10:23	26°♈00'20	1.73703 AU
superior conj	-1824 May 04 j 15:46	27°♈30'29	-0°22'03
minimum elong	-1824 May 04 j 20:04	27°♈43'42	0°21'49
	-1824 May 06 j 16:29	0°♉	
asc. node	-1824 May 14 j 02:40	9°♉06'53	
	-1824 May 31 j 02:25	0°♊	
evening rise	-1824 Jun 09 j 11:32	11°♊32'40	
	-1824 Jun 24 j 11:04	0°♋	
	-1824 Jul 18 j 19:00	0°♌	
	-1824 Aug 12 j 03:37	0°♍	
desc. node	-1824 Sep 02 j 18:00	26°♍29'34	
	-1824 Sep 05 j 14:51	0°♎	
	-1824 Sep 30 j 07:06	0°♏	
	-1824 Oct 25 j 08:49	0°♐	
	-1824 Nov 20 j 07:56	0°♑	
evening max el	-1824 Dec 10 j 17:19	21°♑57'02	46°59'47
	-1824 Dec 18 j 20:36	0°♒	
asc. node	-1824 Dec 24 j 18:52	5°♒29'39	
greatest brilliancy	-1823 Jan 19 j 17:42	23°♒12'26	-4.8m
retrograde	-1823 Jan 30 j 11:26	25°♒23'54	
evening set	-1823 Feb 17 j 08:18	19°♒10'38	
inferior conj	-1823 Feb 20 j 17:12	17°♒03'14	8°25'48
minimum elong	-1823 Feb 20 j 18:50	17°♒00'39	8°25'44
min. Earth dist.	-1823 Feb 20 j 06:37	17°♒20'05	0.28674 AU
morning rise	-1823 Feb 24 j 05:35	14°♒50'52	
direct	-1823 Mar 13 j 22:04	8°♒49'44	
greatest brilliancy	-1823 Mar 23 j 04:52	10°♒24'44	-4.7m
desc. node	-1823 Apr 15 j 10:48	24°♒19'05	
	-1823 Apr 22 j 05:19	0°♓	
morning max el	-1823 May 01 j 18:38	8°♓45'00	45°48'15
	-1823 May 22 j 18:07	0°♈	
	-1823 Jun 18 j 23:01	0°♉	
	-1823 Jul 14 j 18:45	0°♊	
asc. node	-1823 Aug 06 j 12:07	27°♊16'05	
	-1823 Aug 08 j 18:01	0°♋	
	-1823 Sep 02 j 03:07	0°♌	
greatest brilliancy	-1823 Sep 21 j 11:52	24°♌10'46	-3.9m
	-1823 Sep 26 j 03:12	0°♍	
	-1823 Oct 19 j 22:58	0°♎	
morning set	-1823 Oct 27 j 22:40	10°♎04'18	
	-1823 Nov 12 j 18:04	0°♏	
desc. node	-1823 Nov 26 j 03:53	16°♏52'33	
	-1823 Dec 06 j 14:35	0°♐	
superior conj	-1823 Dec 08 j 20:15	2°♐48'27	-0°29'18
minimum elong	-1823 Dec 08 j 12:38	2°♐24'33	0°28'59
max. Earth dist.	-1823 Dec 12 j 18:52	7°♐45'14	1.71326 AU
	-1823 Dec 30 j 13:24	0°♑	
evening rise	-1822 Jan 19 j 05:57	24°♑32'57	
	-1822 Jan 23 j 15:13	0°♒	
	-1822 Feb 16 j 21:05	0°♓	
	-1822 Mar 13 j 08:36	0°♈	
asc. node	-1822 Mar 19 j 04:47	7°♈06'25	
	-1822 Apr 07 j 03:39	0°♉	
	-1822 May 02 j 08:49	0°♊	
	-1822 May 28 j 05:02	0°♋	
	-1822 Jun 24 j 04:41	0°♌	
desc. node	-1822 Jul 08 j 20:06	15°♌18'30	
evening max el	-1822 Jul 16 j 09:56	22°♌48'35	46°14'11
	-1822 Jul 24 j 02:05	0°♍	
greatest brilliancy	-1822 Aug 25 j 22:28	22°♍07'35	-4.8m
retrograde	-1822 Sep 03 j 23:23	23°♍37'42	
evening set	-1822 Sep 20 j 21:13	18°♍11'51	
inferior conj	-1822 Sep 24 j 15:21	15°♍57'28	-7°35'31
minimum elong	-1822 Sep 25 j 01:14	15°♍42'30	7°33'49
min. Earth dist.	-1822 Sep 25 j 06:24	15°♍34'42	0.26845 AU
morning rise	-1822 Sep 29 j 05:03	13°♍15'08	
direct	-1822 Oct 15 j 06:22	8°♍14'47	
greatest brilliancy	-1822 Oct 26 j 01:22	10°♍27'59	-4.9m
asc. node	-1822 Oct 29 j 21:19	12°♍11'16	
	-1822 Nov 22 j 20:29	0°♎	
morning max el	-1822 Dec 05 j 02:09	11°♎55'30	46°53'08
	-1822 Dec 22 j 01:03	0°♏	
	-1821 Jan 17 j 10:06	0°♐	
	-1821 Feb 11 j 22:19	0°♑	
desc. node	-1821 Feb 18 j 13:23	7°♑52'34	
	-1821 Mar 09 j 01:56	0°♒	
	-1821 Apr 03 j 00:54	0°♓	
	-1821 Apr 27 j 20:18	0°♈	
	-1821 May 22 j 11:58	0°♉	
morning set	-1821 Jun 05 j 09:37	17°♉00'57	
asc. node	-1821 Jun 11 j 14:28	24°♉37'47	
	-1821 Jun 15 j 23:15	0°♊	
max. Earth dist.	-1821 Jul 07 j 11:52	26°♊35'24	1.72780 AU
	-1821 Jul 10 j 05:53	0°♋	
superior conj	-1821 Jul 11 j 15:03	1°♋42'51	1°02'58
minimum elong	-1821 Jul 11 j 06:21	1°♋15'52	1°02'42
	-1821 Aug 03 j 08:36	0°♌	
evening rise	-1821 Aug 17 j 05:03	17°♌17'27	
	-1821 Aug 27 j 09:06	0°♍	
	-1821 Sep 20 j 09:22	0°♎	
desc. node	-1821 Oct 01 j 06:08	13°♎33'31	
	-1821 Oct 14 j 10:58	0°♏	
	-1821 Nov 07 j 15:19	0°♐	
	-1821 Dec 02 j 00:52	0°♑	
	-1821 Dec 26 j 21:09	0°♒	
	-1820 Jan 21 j 16:16	0°♓	
asc. node	-1820 Jan 22 j 06:44	0°♓40'49	
	-1820 Feb 18 j 17:31	0°♈	
evening max el	-1820 Feb 20 j 20:46	2°♈06'13	45°40'31
	-1820 Mar 29 j 02:23	0°♉	
greatest brilliancy	-1820 Mar 29 j 20:16	0°♉17'08	-4.7m
retrograde	-1820 Apr 09 j 15:44	2°♉23'24	
	-1820 Apr 20 j 16:02	30°℞♈	
evening set	-1820 Apr 25 j 04:31	27°♈45'11	
inferior conj	-1820 May 01 j 02:46	24°♈09'51	2°41'20
minimum elong	-1820 May 01 j 08:20	24°♈01'06	2°39'50
min. Earth dist.	-1820 May 01 j 13:08	23°♈53'33	0.29086 AU
morning rise	-1820 May 07 j 12:01	20°♈18'47	
desc. node	-1820 May 12 j 22:27	17°♈44'17	
direct	-1820 May 22 j 21:08	15°♈48'13	
greatest brilliancy	-1820 Jun 02 j 10:45	17°♈48'12	-4.7m
	-1820 Jun 22 j 20:53	0°♉	
morning max el	-1820 Jul 10 j 21:23	15°♉51'57	45°58'04
	-1820 Jul 24 j 21:53	0°♊	
	-1820 Aug 21 j 01:54	0°♋	
asc. node	-1820 Sep 03 j 00:01	15°♋04'22	
	-1820 Sep 15 j 11:58	0°♌	
	-1820 Oct 10 j 00:49	0°♍	
	-1820 Nov 03 j 03:21	0°♎	
	-1820 Nov 27 j 02:20	0°♏	
	-1820 Dec 21 j 01:37	0°♐	
desc. node	-1820 Dec 23 j 15:42	3°♐13'54	

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

morning set	-1819 Jan 13 j 08:15	29°♐02'10	
	-1819 Jan 14 j 02:50	0°♑	
	-1819 Feb 07 j 06:25	0°♒	
superior conj	-1819 Feb 22 j 08:27	18°♒40'27	-1°24'06
minimum elong	-1819 Feb 22 j 10:44	18°♒47'30	1°24'06
max. Earth dist.	-1819 Feb 25 j 12:41	22°♒35'58	1.72888 AU
	-1819 Mar 03 j 12:29	0°♓	
	-1819 Mar 27 j 21:11	0°♈	
evening rise	-1819 Apr 01 j 07:51	5°♈27'29	
asc. node	-1819 Apr 15 j 16:47	23°♈04'40	
	-1819 Apr 21 j 08:36	0°♉	
	-1819 May 15 j 22:49	0°♊	
	-1819 Jun 09 j 16:23	0°♋	
	-1819 Jul 04 j 14:58	0°♌	
	-1819 Jul 29 j 22:03	0°♍	
desc. node	-1819 Aug 05 j 08:01	7°♍30'38	
	-1819 Aug 24 j 20:46	0°♎	
	-1819 Sep 21 j 05:59	0°♏	
evening max el	-1819 Sep 27 j 21:28	6°♏49'13	47°25'00
	-1819 Oct 23 j 23:05	0°♐	
greatest brilliancy	-1819 Nov 07 j 15:33	8°♐17'43	-4.9m
retrograde	-1819 Nov 17 j 17:42	10°♐14'51	
asc. node	-1819 Nov 26 j 09:02	8°♐42'03	
evening set	-1819 Dec 02 j 06:18	6°♐00'44	
min. Earth dist.	-1819 Dec 07 j 13:34	2°♐52'26	0.26660 AU
inferior conj	-1819 Dec 08 j 09:17	2°♐21'52	3°01'07
minimum elong	-1819 Dec 08 j 02:55	2°♐31'43	2°59'10
	-1819 Dec 12 j 06:38	30°℞♏	
morning rise	-1819 Dec 14 j 00:10	29°♏01'04	
direct	-1819 Dec 28 j 17:02	24°♏42'21	
greatest brilliancy	-1818 Jan 06 j 23:32	26°♏19'49	-4.9m
	-1818 Jan 15 j 01:29	0°♐	
morning max el	-1818 Feb 16 j 07:21	26°♐13'10	46°20'16
	-1818 Feb 20 j 02:54	0°♑	
desc. node	-1818 Mar 18 j 01:16	27°♑25'51	
	-1818 Mar 20 j 09:08	0°♒	
	-1818 Apr 15 j 21:32	0°♓	
	-1818 May 11 j 14:47	0°♈	
	-1818 Jun 05 j 19:43	0°♉	
	-1818 Jun 30 j 14:32	0°♊	
asc. node	-1818 Jul 09 j 02:23	10°♊23'17	
	-1818 Jul 25 j 00:24	0°♋	
morning set	-1818 Aug 12 j 22:03	23°♋29'45	
	-1818 Aug 18 j 02:57	0°♌	
	-1818 Sep 11 j 00:45	0°♍	
max. Earth dist.	-1818 Sep 18 j 10:08	9°♍18'07	1.71207 AU
superior conj	-1818 Sep 20 j 02:02	11°♍23'43	1°14'39
minimum elong	-1818 Sep 20 j 10:49	11°♍51'22	1°14'27
	-1818 Oct 04 j 20:37	0°♎	
desc. node	-1818 Oct 28 j 18:05	0°♏04'11	
	-1818 Oct 28 j 16:45	0°♏	
evening rise	-1818 Oct 31 j 01:27	2°♏58'07	
	-1818 Nov 21 j 14:35	0°♐	
	-1818 Dec 15 j 15:10	0°♑	
	-1817 Jan 08 j 20:17	0°♒	
	-1817 Feb 02 j 09:13	0°♓	
asc. node	-1817 Feb 18 j 18:49	19°♓42'22	
	-1817 Feb 27 j 11:26	0°♈	
	-1817 Mar 25 j 12:16	0°♉	
	-1817 Apr 22 j 09:44	0°♊	
evening max el	-1817 May 02 j 11:21	9°♊55'19	45°14'35
	-1817 May 26 j 13:16	0°♋	
greatest brilliancy	-1817 Jun 09 j 15:41	7°♋26'13	-4.7m
desc. node	-1817 Jun 10 j 10:24	7°♋42'12	
retrograde	-1817 Jun 19 j 23:23	9°♋20'41	
evening set	-1817 Jul 05 j 20:56	4°♋34'32	
inferior conj	-1817 Jul 11 j 06:13	1°♋23'08	-6°28'44
minimum elong	-1817 Jul 10 j 20:02	1°♋38'45	6°26'39
min. Earth dist.	-1817 Jul 11 j 13:11	1°♋12'29	0.28370 AU
	-1817 Jul 13 j 12:41	30°℞♊	
morning rise	-1817 Jul 15 j 18:43	28°♊39'56	
direct	-1817 Aug 01 j 16:51	23°♊14'37	
greatest brilliancy	-1817 Aug 12 j 17:17	25°♊26'56	-4.8m
	-1817 Aug 21 j 18:52	0°♋	
morning max el	-1817 Sep 20 j 21:29	25°♋20'59	46°37'25
	-1817 Sep 25 j 10:51	0°♌	
asc. node	-1817 Oct 01 j 11:45	6°♌22'08	
	-1817 Oct 22 j 14:48	0°♍	
	-1817 Nov 16 j 22:23	0°♎	
	-1817 Dec 11 j 13:38	0°♏	
	-1816 Jan 04 j 23:39	0°♐	
desc. node	-1816 Jan 21 j 03:41	19°♐53'23	
	-1816 Jan 29 j 08:57	0°♑	
	-1816 Feb 22 j 18:52	0°♒	
	-1816 Mar 18 j 05:31	0°♓	
morning set	-1816 Mar 26 j 20:02	10°♓33'14	
	-1816 Apr 11 j 16:35	0°♈	
max. Earth dist.	-1816 May 01 j 09:40	24°♈10'48	1.73707 AU
superior conj	-1816 May 02 j 10:11	25°♈26'02	-0°25'02
minimum elong	-1816 May 02 j 15:02	25°♈40'56	0°24'47
	-1816 May 06 j 03:27	0°♉	
asc. node	-1816 May 13 j 04:40	8°♉39'21	
	-1816 May 30 j 13:27	0°♊	
evening rise	-1816 Jun 07 j 06:57	9°♊30'41	
	-1816 Jun 23 j 22:16	0°♋	
	-1816 Jul 18 j 06:27	0°♌	
	-1816 Aug 11 j 15:28	0°♍	
desc. node	-1816 Sep 01 j 20:13	25°♍58'35	
	-1816 Sep 05 j 03:17	0°♎	
	-1816 Sep 29 j 20:22	0°♏	
	-1816 Oct 24 j 23:27	0°♐	
	-1816 Nov 20 j 01:19	0°♑	
evening max el	-1816 Dec 08 j 09:39	19°♑40'21	47°02'13
	-1816 Dec 18 j 22:45	0°♒	
asc. node	-1816 Dec 23 j 21:00	4°♒28'12	
greatest brilliancy	-1815 Jan 17 j 09:29	20°♒56'36	-4.8m
retrograde	-1815 Jan 28 j 04:23	23°♒08'57	
evening set	-1815 Feb 15 j 00:19	16°♒55'43	
inferior conj	-1815 Feb 18 j 09:09	14°♒48'26	8°27'36
minimum elong	-1815 Feb 18 j 10:03	14°♒46'59	8°27'35
min. Earth dist.	-1815 Feb 17 j 20:55	15°♒07'53	0.28622 AU
morning rise	-1815 Feb 21 j 20:02	12°♒38'32	
direct	-1815 Mar 11 j 13:48	6°♒35'59	
greatest brilliancy	-1815 Mar 20 j 18:13	8°♒09'32	-4.7m
desc. node	-1815 Apr 14 j 12:48	23°♒16'21	
	-1815 Apr 22 j 08:29	0°♓	
morning max el	-1815 Apr 29 j 10:59	6°♓35'05	45°48'39
	-1815 May 22 j 11:10	0°♈	
	-1815 Jun 18 j 13:02	0°♉	
	-1815 Jul 14 j 07:25	0°♊	
asc. node	-1815 Aug 05 j 14:16	26°♊46'06	
	-1815 Aug 08 j 05:59	0°♋	
	-1815 Sep 01 j 14:43	0°♌	
greatest brilliancy	-1815 Sep 24 j 23:33	29°♌12'45	-3.9m
	-1815 Sep 25 j 14:36	0°♍	
	-1815 Oct 19 j 10:18	0°♎	
morning set	-1815 Oct 25 j 09:55	7°♎32'50	
	-1815 Nov 12 j 05:22	0°♏	
desc. node	-1815 Nov 25 j 05:56	16°♏23'35	
superior conj	-1815 Dec 06 j 05:33	0°♐11'36	-0°25'31

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

minimum elong	-1815 Dec 05 j 22:50	29°♏50'28	0°25'14
	-1815 Dec 06 j 01:52	0°♐	
max. Earth dist.	-1815 Dec 10 j 05:21	5°♐12'11	1.71288 AU
	-1815 Dec 30 j 00:41	0°♑	
evening rise	-1814 Jan 16 j 17:37	22°♑04'53	
	-1814 Jan 23 j 02:30	0°♒	
	-1814 Feb 16 j 08:26	0°♓	
	-1814 Mar 12 j 20:09	0°♈	
asc. node	-1814 Mar 18 j 06:52	6°♈37'24	
	-1814 Apr 06 j 15:38	0°♉	
	-1814 May 01 j 21:38	0°♊	
	-1814 May 27 j 19:27	0°♋	
	-1814 Jun 23 j 22:33	0°♌	
desc. node	-1814 Jul 07 j 22:16	14°♌29'54	
evening max el	-1814 Jul 13 j 23:41	20°♌27'54	46°11'12
	-1814 Jul 24 j 07:06	0°♍	
greatest brilliancy	-1814 Aug 23 j 10:45	19°♍41'26	-4.8m
retrograde	-1814 Sep 01 j 11:14	21°♍10'49	
evening set	-1814 Sep 18 j 12:51	15°♍40'45	
inferior conj	-1814 Sep 22 j 03:53	13°♍30'37	-7°47'28
minimum elong	-1814 Sep 22 j 13:19	13°♍16'16	7°45'58
min. Earth dist.	-1814 Sep 22 j 19:17	13°♍07'12	0.26894 AU
morning rise	-1814 Sep 26 j 13:35	10°♍53'32	
direct	-1814 Oct 12 j 19:30	5°♍47'21	
greatest brilliancy	-1814 Oct 23 j 14:52	8°♍00'19	-4.9m
asc. node	-1814 Oct 28 j 23:17	10°♍31'18	
	-1814 Nov 23 j 01:05	0°♎	
morning max el	-1814 Dec 02 j 14:54	9°♎26'50	46°53'32
	-1814 Dec 21 j 19:12	0°♏	
	-1813 Jan 17 j 00:58	0°♐	
	-1813 Feb 11 j 11:36	0°♑	
desc. node	-1813 Feb 17 j 15:33	7°♑20'14	
	-1813 Mar 08 j 14:17	0°♒	
	-1813 Apr 02 j 12:39	0°♓	
	-1813 Apr 27 j 07:39	0°♈	
	-1813 May 21 j 23:03	0°♉	
morning set	-1813 Jun 03 j 04:13	14°♉57'05	
asc. node	-1813 Jun 10 j 16:38	24°♉10'45	
	-1813 Jun 15 j 10:13	0°♊	
max. Earth dist.	-1813 Jul 05 j 05:14	24°♊26'36	1.72836 AU
superior conj	-1813 Jul 09 j 09:03	29°♊35'49	1°00'48
minimum elong	-1813 Jul 09 j 00:20	29°♊08'48	1°00'33
	-1813 Jul 09 j 16:51	0°♋	
	-1813 Aug 02 j 19:40	0°♌	
evening rise	-1813 Aug 14 j 20:42	15°♌01'34	
	-1813 Aug 26 j 20:23	0°♍	
	-1813 Sep 19 j 20:53	0°♎	
desc. node	-1813 Sep 30 j 08:08	13°♎03'32	
	-1813 Oct 13 j 22:45	0°♏	
	-1813 Nov 07 j 03:24	0°♐	
	-1813 Dec 01 j 13:27	0°♑	
	-1813 Dec 26 j 10:41	0°♒	
asc. node	-1812 Jan 21 j 08:54	0°♓03'04	
	-1812 Jan 21 j 07:49	0°♓	
evening max el	-1812 Feb 18 j 11:27	29°♓51'17	45°42'38
	-1812 Feb 18 j 15:01	0°♈	
greatest brilliancy	-1812 Mar 27 j 13:47	28°♈10'08	-4.7m
	-1812 Apr 03 j 14:35	0°♉	
retrograde	-1812 Apr 07 j 08:02	0°♉15'52	
	-1812 Apr 10 j 23:56	30°℞♈	
evening set	-1812 Apr 22 j 23:11	25°♈34'42	
inferior conj	-1812 Apr 28 j 19:36	22°♈01'58	2°59'26
minimum elong	-1812 Apr 29 j 01:42	21°♈52'21	2°57'47
min. Earth dist.	-1812 Apr 29 j 06:20	21°♈45'02	0.29099 AU
morning rise	-1812 May 05 j 04:00	18°♈11'35	
desc. node	-1812 May 12 j 00:31	15°♈05'43	
direct	-1812 May 20 j 13:15	13°♈40'03	
greatest brilliancy	-1812 May 31 j 03:16	15°♈39'50	-4.7m
	-1812 Jun 23 j 06:00	0°♉	
morning max el	-1812 Jul 08 j 12:31	13°♉39'04	45°57'03
	-1812 Jul 24 j 15:52	0°♊	
	-1812 Aug 20 j 16:18	0°♋	
asc. node	-1812 Sep 02 j 02:08	14°♋30'31	
	-1812 Sep 15 j 00:55	0°♌	
	-1812 Oct 09 j 13:04	0°♍	
	-1812 Nov 02 j 15:11	0°♎	
	-1812 Nov 26 j 13:54	0°♏	
	-1812 Dec 20 j 12:58	0°♐	
desc. node	-1812 Dec 22 j 17:54	2°♐45'21	
morning set	-1811 Jan 10 j 19:20	26°♐32'25	
	-1811 Jan 13 j 14:00	0°♑	
	-1811 Feb 06 j 17:26	0°♒	
superior conj	-1811 Feb 19 j 23:16	16°♒24'01	-1°24'25
minimum elong	-1811 Feb 20 j 00:44	16°♒28'34	1°24'27
max. Earth dist.	-1811 Feb 23 j 05:22	20°♒25'27	1.72835 AU
	-1811 Mar 02 j 23:25	0°♓	
	-1811 Mar 27 j 08:06	0°♈	
evening rise	-1811 Mar 30 j 00:58	3°♈19'09	
asc. node	-1811 Apr 14 j 18:48	22°♈37'11	
	-1811 Apr 20 j 19:37	0°♉	
	-1811 May 15 j 10:06	0°♊	
	-1811 Jun 09 j 04:09	0°♋	
	-1811 Jul 04 j 03:30	0°♌	
	-1811 Jul 29 j 11:51	0°♍	
desc. node	-1811 Aug 04 j 10:09	6°♍55'24	
	-1811 Aug 24 j 12:51	0°♎	
	-1811 Sep 21 j 03:25	0°♏	
evening max el	-1811 Sep 25 j 10:16	4°♏21'51	47°23'47
	-1811 Oct 25 j 02:12	0°♐	
greatest brilliancy	-1811 Nov 05 j 06:12	5°♐50'20	-4.9m
retrograde	-1811 Nov 15 j 06:41	7°♐46'15	
asc. node	-1811 Nov 25 j 11:15	5°♐37'32	
evening set	-1811 Nov 29 j 18:14	3°♐33'39	
min. Earth dist.	-1811 Dec 05 j 03:45	0°♐22'45	0.26612 AU
inferior conj	-1811 Dec 05 j 22:07	29°♏54'22	2°38'41
minimum elong	-1811 Dec 05 j 16:27	0°♐03'08	2°36'55
	-1811 Dec 05 j 18:28	30°℞♏	
morning rise	-1811 Dec 11 j 15:11	26°♏30'55	
direct	-1811 Dec 26 j 04:54	22°♏15'18	
greatest brilliancy	-1810 Jan 04 j 13:48	23°♏54'54	-4.9m
	-1810 Jan 16 j 14:42	0°♐	
morning max el	-1810 Feb 13 j 21:05	23°♐52'05	46°21'56
	-1810 Feb 20 j 00:22	0°♑	
desc. node	-1810 Mar 17 j 03:16	26°♑47'11	
	-1810 Mar 20 j 00:49	0°♒	
	-1810 Apr 15 j 10:55	0°♓	
	-1810 May 11 j 02:59	0°♈	
	-1810 Jun 05 j 07:15	0°♉	
	-1810 Jun 30 j 01:43	0°♊	
asc. node	-1810 Jul 08 j 04:33	9°♊55'52	
	-1810 Jul 24 j 11:24	0°♋	
morning set	-1810 Aug 10 j 13:42	21°♋14'42	
	-1810 Aug 17 j 13:54	0°♌	
	-1810 Sep 10 j 11:44	0°♍	
max. Earth dist.	-1810 Sep 15 j 21:28	6°♍48'08	1.71245 AU
superior conj	-1810 Sep 17 j 14:54	8°♍58'32	1°16'18
minimum elong	-1810 Sep 17 j 23:04	9°♍24'15	1°16'08
	-1810 Oct 04 j 07:39	0°♎	
desc. node	-1810 Oct 27 j 20:08	29°♎35'32	
evening rise	-1810 Oct 28 j 10:54	0°♏21'57	
	-1810 Oct 28 j 03:55	0°♏	

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

	-1810 Nov 21 j 01:53	0°♐	
	-1810 Dec 15 j 02:37	0°♑	
	-1809 Jan 08 j 07:55	0°♒	
	-1809 Feb 01 j 21:14	0°♓	
asc. node	-1809 Feb 17 j 20:54	19°♓11'19	
	-1809 Feb 27 j 00:16	0°♈	
	-1809 Mar 25 j 02:55	0°♉	
	-1809 Apr 22 j 05:13	0°♊	
evening max el	-1809 Apr 30 j 03:24	7°♊45'34	45°14'04
	-1809 May 27 j 14:26	0°♋	
greatest brilliancy	-1809 Jun 07 j 04:40	5°♋11'52	-4.7m
desc. node	-1809 Jun 09 j 12:34	5°♋56'32	
retrograde	-1809 Jun 17 j 14:42	7°♋07'55	
evening set	-1809 Jul 03 j 09:01	2°♋25'29	
	-1809 Jul 07 j 12:20	30°☿♊	
inferior conj	-1809 Jul 08 j 21:17	29°♊09'37	-6°14'05
minimum elong	-1809 Jul 08 j 11:06	29°♊25'15	6°11'57
min. Earth dist.	-1809 Jul 09 j 03:43	28°♊59'45	0.28407 AU
morning rise	-1809 Jul 13 j 12:49	26°♊22'06	
direct	-1809 Jul 30 j 09:01	21°♊00'32	
greatest brilliancy	-1809 Aug 10 j 08:14	23°♊12'03	-4.8m
	-1809 Aug 22 j 21:49	0°♋	
morning max el	-1809 Sep 18 j 13:13	23°♋04'44	46°36'04
	-1809 Sep 25 j 07:04	0°♌	
asc. node	-1809 Sep 30 j 13:46	5°♌37'04	
	-1809 Oct 22 j 06:12	0°♍	
	-1809 Nov 16 j 11:54	0°♎	
	-1809 Dec 11 j 02:11	0°♏	
	-1808 Jan 04 j 11:37	0°♐	
desc. node	-1808 Jan 20 j 05:45	19°♐23'55	
	-1808 Jan 28 j 20:28	0°♑	
	-1808 Feb 22 j 06:03	0°♒	
	-1808 Mar 17 j 16:26	0°♓	
morning set	-1808 Mar 24 j 13:02	8°♓24'49	
	-1808 Apr 11 j 03:19	0°♈	
max. Earth dist.	-1808 Apr 29 j 09:53	22°♈25'04	1.73704 AU
superior conj	-1808 Apr 30 j 04:42	23°♈22'47	-0°27'59
minimum elong	-1808 Apr 30 j 10:05	23°♈39'18	0°27'43
	-1808 May 05 j 14:07	0°♉	
asc. node	-1808 May 12 j 06:52	8°♉13'24	
	-1808 May 30 j 00:10	0°♊	
evening rise	-1808 Jun 05 j 02:29	7°♊30'02	
	-1808 Jun 23 j 09:09	0°♋	
	-1808 Jul 17 j 17:38	0°♌	
	-1808 Aug 11 j 03:06	0°♍	
desc. node	-1808 Aug 31 j 22:10	25°♍27'27	
	-1808 Sep 04 j 15:31	0°♎	
	-1808 Sep 29 j 09:28	0°♏	
	-1808 Oct 24 j 13:57	0°♐	
	-1808 Nov 19 j 18:44	0°♑	
evening max el	-1808 Dec 06 j 02:00	17°♑24'25	47°04'34
	-1808 Dec 19 j 02:03	0°♒	
asc. node	-1808 Dec 22 j 23:09	3°♒26'11	
greatest brilliancy	-1807 Jan 15 j 01:37	18°♒41'46	-4.8m
retrograde	-1807 Jan 25 j 20:59	20°♒54'11	
evening set	-1807 Feb 12 j 15:55	14°♒41'46	
min. Earth dist.	-1807 Feb 15 j 11:14	12°♒55'50	0.28567 AU
inferior conj	-1807 Feb 16 j 00:57	12°♒33'59	8°28'42
minimum elong	-1807 Feb 16 j 01:05	12°♒33'45	8°28'41
morning rise	-1807 Feb 19 j 10:33	10°♒26'03	
direct	-1807 Mar 09 j 05:26	4°♒22'44	
greatest brilliancy	-1807 Mar 18 j 07:27	5°♒54'34	-4.8m
desc. node	-1807 Apr 13 j 14:51	22°♒15'57	
	-1807 Apr 22 j 09:50	0°♓	
morning max el	-1807 Apr 27 j 02:43	4°♓24'29	45°49'10
	-1807 May 22 j 03:32	0°♈	
	-1807 Jun 18 j 02:34	0°♉	
	-1807 Jul 13 j 19:39	0°♊	
asc. node	-1807 Aug 04 j 16:21	26°♊17'07	
	-1807 Aug 07 j 17:34	0°♋	
	-1807 Sep 01 j 01:58	0°♌	
	-1807 Sep 25 j 01:43	0°♍	
greatest brilliancy	-1807 Sep 26 j 23:47	2°♍24'43	-3.9m
	-1807 Oct 18 j 21:22	0°♎	
morning set	-1807 Oct 22 j 20:52	5°♎01'07	
	-1807 Nov 11 j 16:25	0°♏	
desc. node	-1807 Nov 24 j 08:08	15°♏55'51	
superior conj	-1807 Dec 03 j 14:29	27°♏34'24	-0°21'38
minimum elong	-1807 Dec 03 j 08:42	27°♏16'15	0°21'24
	-1807 Dec 05 j 12:52	0°♐	
max. Earth dist.	-1807 Dec 07 j 14:32	2°♐35'53	1.71246 AU
	-1807 Dec 29 j 11:38	0°♑	
evening rise	-1806 Jan 14 j 04:52	19°♑36'23	
	-1806 Jan 22 j 13:28	0°♒	
	-1806 Feb 15 j 19:30	0°♓	
	-1806 Mar 12 j 07:26	0°♈	
asc. node	-1806 Mar 17 j 08:54	6°♈09'10	
	-1806 Apr 06 j 03:21	0°♉	
	-1806 May 01 j 10:11	0°♊	
	-1806 May 27 j 09:37	0°♋	
	-1806 Jun 23 j 16:22	0°♌	
desc. node	-1806 Jul 07 j 00:22	13°♌41'33	
evening max el	-1806 Jul 11 j 12:26	18°♌06'09	46°08'13
	-1806 Jul 24 j 13:36	0°♍	
greatest brilliancy	-1806 Aug 20 j 23:12	17°♍16'48	-4.8m
retrograde	-1806 Aug 29 j 22:36	18°♍45'21	
evening set	-1806 Sep 16 j 04:17	13°♍11'01	
inferior conj	-1806 Sep 19 j 16:26	11°♍05'02	-7°58'20
minimum elong	-1806 Sep 20 j 01:21	10°♍51'28	7°57'03
min. Earth dist.	-1806 Sep 20 j 08:26	10°♍40'42	0.26949 AU
morning rise	-1806 Sep 23 j 22:09	8°♍33'16	
direct	-1806 Oct 10 j 08:18	3°♍20'47	
greatest brilliancy	-1806 Oct 21 j 05:06	5°♍34'24	-4.9m
asc. node	-1806 Oct 28 j 01:32	8°♍56'06	
	-1806 Nov 23 j 03:47	0°♎	
morning max el	-1806 Nov 30 j 03:18	6°♎57'40	46°53'51
	-1806 Dec 21 j 12:45	0°♏	
	-1805 Jan 16 j 15:27	0°♐	
	-1805 Feb 11 j 00:32	0°♑	
desc. node	-1805 Feb 16 j 17:34	6°♑48'26	
	-1805 Mar 08 j 02:18	0°♒	
	-1805 Apr 02 j 00:05	0°♓	
	-1805 Apr 26 j 18:42	0°♈	
	-1805 May 21 j 09:52	0°♉	
morning set	-1805 May 31 j 22:48	12°♉54'00	
asc. node	-1805 Jun 09 j 18:47	23°♉44'29	
	-1805 Jun 14 j 20:54	0°♊	
max. Earth dist.	-1805 Jul 02 j 23:53	22°♊22'43	1.72888 AU
superior conj	-1805 Jul 07 j 03:14	27°♊30'21	0°58'34
minimum elong	-1805 Jul 06 j 18:33	27°♊03'26	0°58'18
	-1805 Jul 09 j 03:31	0°♋	
	-1805 Aug 02 j 06:27	0°♌	
evening rise	-1805 Aug 12 j 12:46	12°♌48'06	
	-1805 Aug 26 j 07:20	0°♍	
	-1805 Sep 19 j 08:05	0°♎	
desc. node	-1805 Sep 29 j 10:14	12°♎34'46	
	-1805 Oct 13 j 10:15	0°♏	
	-1805 Nov 06 j 15:18	0°♐	
	-1805 Dec 01 j 01:56	0°♑	
	-1805 Dec 26 j 00:09	0°♒	
asc. node	-1804 Jan 20 j 10:57	29°♒25'05	

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

	-1804 Jan 20 j 23:26	0°♓		
evening max el	-1804 Feb 16 j 01:41	27°♓35'33	45°45'02	
	-1804 Feb 18 j 13:11	0°♈		
greatest brilliancy	-1804 Mar 25 j 06:34	26°♈02'35	-4.7m	
retrograde	-1804 Apr 05 j 00:26	28°♈08'40		
evening set	-1804 Apr 20 j 17:46	23°♈24'03		
inferior conj	-1804 Apr 26 j 12:16	19°♈54'11	3°17'15	
minimum elong	-1804 Apr 26 j 18:52	19°♈43'47	3°15'31	
min. Earth dist.	-1804 Apr 26 j 23:16	19°♈36'52	0.29111 AU	
morning rise	-1804 May 02 j 19:43	16°♈04'55		
desc. node	-1804 May 11 j 02:45	12°♈31'27		
direct	-1804 May 18 j 05:12	11°♈31'48		
greatest brilliancy	-1804 May 28 j 19:49	13°♈31'54	-4.7m	
	-1804 Jun 23 j 12:25	0°♉		
morning max el	-1804 Jul 06 j 04:26	11°♉28'41	45°56'14	
	-1804 Jul 24 j 09:14	0°♊		
	-1804 Aug 20 j 06:19	0°♋		
asc. node	-1804 Sep 01 j 04:08	13°♋57'17		
	-1804 Sep 14 j 13:32	0°♌		
	-1804 Oct 09 j 01:00	0°♍		
	-1804 Nov 02 j 02:45	0°♎		
	-1804 Nov 26 j 01:14	0°♏		
	-1804 Dec 20 j 00:09	0°♐		
desc. node	-1804 Dec 21 j 19:57	2°♐16'53		
morning set	-1803 Jan 08 j 05:53	24°♐01'11		
	-1803 Jan 13 j 01:03	0°♑		
	-1803 Feb 06 j 04:22	0°♒		
superior conj	-1803 Feb 17 j 13:25	14°♒05'47	-1°24'37	
minimum elong	-1803 Feb 17 j 14:03	14°♒07'43	1°24'39	
max. Earth dist.	-1803 Feb 20 j 19:15	18°♒06'30	1.72781 AU	
	-1803 Mar 02 j 10:15	0°♓		
	-1803 Mar 26 j 18:55	0°♈		
evening rise	-1803 Mar 27 j 17:33	1°♈09'31		
asc. node	-1803 Apr 13 j 20:59	22°♈10'33		
	-1803 Apr 20 j 06:32	0°♉		
	-1803 May 14 j 21:19	0°♊		
	-1803 Jun 08 j 15:53	0°♋		
	-1803 Jul 03 j 16:02	0°♌		
	-1803 Jul 29 j 01:40	0°♍		
desc. node	-1803 Aug 03 j 12:11	6°♍19'57		
	-1803 Aug 24 j 05:02	0°♎		
	-1803 Sep 21 j 01:23	0°♏		
evening max el	-1803 Sep 22 j 23:58	1°♏57'39	47°22'37	
	-1803 Oct 26 j 15:58	0°♐		
greatest brilliancy	-1803 Nov 02 j 20:11	3°♐22'57	-4.9m	
retrograde	-1803 Nov 12 j 20:04	5°♐18'26		
asc. node	-1803 Nov 24 j 13:20	2°♐28'56		
evening set	-1803 Nov 27 j 06:26	1°♐06'50		
	-1803 Nov 29 j 06:00	30°℞♏		
min. Earth dist.	-1803 Dec 02 j 17:37	27°♏54'02	0.26571 AU	
inferior conj	-1803 Dec 03 j 10:57	27°♏27'19	2°15'56	
minimum elong	-1803 Dec 03 j 06:01	27°♏34'55	2°14'22	
morning rise	-1803 Dec 09 j 06:07	24°♏01'37		
direct	-1803 Dec 23 j 17:28	19°♏48'43		
greatest brilliancy	-1802 Jan 02 j 03:42	21°♏29'59	-4.9m	
	-1802 Jan 17 j 16:46	0°♐		
morning max el	-1802 Feb 11 j 11:45	21°♐33'24	46°23'21	
	-1802 Feb 19 j 21:04	0°♑		
desc. node	-1802 Mar 16 j 05:22	26°♑09'05		
	-1802 Mar 19 j 16:18	0°♒		
	-1802 Apr 15 j 00:13	0°♓		
	-1802 May 10 j 15:08	0°♈		
	-1802 Jun 04 j 18:45	0°♉		
	-1802 Jun 29 j 12:51	0°♊		
asc. node	-1802 Jul 07 j 06:32	9°♊28'00		
	-1802 Jul 23 j 22:23	0°♋		
morning set	-1802 Aug 08 j 05:23	18°♋59'50		
	-1802 Aug 17 j 00:52	0°♌		
	-1802 Sep 09 j 22:43	0°♍		
max. Earth dist.	-1802 Sep 13 j 06:53	4°♍12'08	1.71280 AU	
superior conj	-1802 Sep 15 j 04:03	6°♍34'14	1°17'47	
minimum elong	-1802 Sep 15 j 11:35	6°♍57'54	1°17'40	
	-1802 Oct 03 j 18:42	0°♎		
evening rise	-1802 Oct 25 j 20:40	27°♎46'50		
desc. node	-1802 Oct 26 j 22:20	29°♎07'30		
	-1802 Oct 27 j 15:03	0°♏		
	-1802 Nov 20 j 13:07	0°♐		
	-1802 Dec 14 j 13:59	0°♑		
	-1801 Jan 07 j 19:31	0°♒		
	-1801 Feb 01 j 09:18	0°♓		
asc. node	-1801 Feb 16 j 22:56	18°♓39'59		
	-1801 Feb 26 j 13:15	0°♈		
	-1801 Mar 24 j 17:53	0°♉		
	-1801 Apr 22 j 01:29	0°♊		
evening max el	-1801 Apr 27 j 19:50	5°♊36'24	45°13'38	
	-1801 May 29 j 02:16	0°♋		
greatest brilliancy	-1801 Jun 04 j 18:14	2°♋57'59	-4.7m	
desc. node	-1801 Jun 08 j 14:36	4°♋06'34		
retrograde	-1801 Jun 15 j 05:41	4°♋54'50		
evening set	-1801 Jun 30 j 21:19	0°♋16'11		
	-1801 Jul 01 j 08:57	30°℞♊		
inferior conj	-1801 Jul 06 j 12:22	26°♊55'59	-5°59'03	
minimum elong	-1801 Jul 06 j 02:15	27°♊11'32	5°56'49	
min. Earth dist.	-1801 Jul 06 j 18:23	26°♊46'45	0.28442 AU	
morning rise	-1801 Jul 11 j 06:51	24°♊04'02		
direct	-1801 Jul 28 j 01:13	18°♊46'27		
greatest brilliancy	-1801 Aug 07 j 22:59	20°♊56'39	-4.8m	
	-1801 Aug 23 j 17:42	0°♋		
morning max el	-1801 Sep 16 j 04:13	20°♋46'26	46°34'39	
	-1801 Sep 25 j 02:48	0°♌		
asc. node	-1801 Sep 29 j 15:58	4°♌52'46		
	-1801 Oct 21 j 21:30	0°♍		
	-1801 Nov 16 j 01:25	0°♎		
	-1801 Dec 10 j 14:45	0°♏		
	-1800 Jan 03 j 23:35	0°♐		
desc. node	-1800 Jan 19 j 07:47	18°♐54'16		
	-1800 Jan 28 j 08:00	0°♑		
	-1800 Feb 21 j 17:15	0°♒		
	-1800 Mar 17 j 03:25	0°♓		
morning set	-1800 Mar 22 j 05:59	6°♓16'00		
	-1800 Apr 10 j 14:11	0°♈		
superior conj	-1800 Apr 27 j 23:03	21°♈18'36	-0°30'54	
minimum elong	-1800 Apr 28 j 04:56	21°♈36'40	0°30'37	
max. Earth dist.	-1800 Apr 27 j 09:02	20°♈35'36	1.73702 AU	
	-1800 May 05 j 00:57	0°♉		
asc. node	-1800 May 11 j 08:58	7°♉46'39		
	-1800 May 29 j 11:03	0°♊		
evening rise	-1800 Jun 02 j 21:45	5°♊28'05		
	-1800 Jun 22 j 20:12	0°♋		
	-1800 Jul 17 j 05:00	0°♌		
	-1800 Aug 10 j 14:56	0°♍		
desc. node	-1800 Aug 31 j 00:17	24°♍56'09		
	-1800 Sep 04 j 04:01	0°♎		
	-1800 Sep 28 j 22:52	0°♏		
	-1800 Oct 24 j 04:50	0°♐		
	-1800 Nov 19 j 12:44	0°♑		
evening max el	-1800 Dec 03 j 17:59	15°♑06'55	47°06'55	
	-1800 Dec 19 j 07:16	0°♒		
asc. node	-1800 Dec 22 j 01:11	2°♒22'07		
greatest brilliancy	-1799 Jan 12 j 18:25	16°♒27'29	-4.9m	
retrograde	-1799 Jan 23 j 13:18	18°♒39'14		

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

evening set	-1799 Feb 10 j 07:24	12°♒28'25	
min. Earth dist.	-1799 Feb 13 j 02:01	10°♒43'27	0.28508 AU
inferior conj	-1799 Feb 13 j 16:54	10°♒19'41	8°29'08
minimum elong	-1799 Feb 13 j 16:17	10°♒20'40	8°29'05
morning rise	-1799 Feb 17 j 01:29	8°♒13'08	
direct	-1799 Mar 06 j 20:54	2°♒09'40	
greatest brilliancy	-1799 Mar 15 j 21:18	3°♒40'06	-4.8m
desc. node	-1799 Apr 12 j 17:05	21°♒17'10	
	-1799 Apr 22 j 10:04	0°♓	
morning max el	-1799 Apr 24 j 17:39	2°♓11'32	45°49'34
	-1799 May 21 j 19:49	0°♈	
	-1799 Jun 17 j 16:13	0°♉	
	-1799 Jul 13 j 08:05	0°♊	
asc. node	-1799 Aug 03 j 18:27	25°♊47'26	
	-1799 Aug 07 j 05:21	0°♋	
	-1799 Aug 31 j 13:26	0°♌	
	-1799 Sep 24 j 13:03	0°♍	
greatest brilliancy	-1799 Sep 28 j 01:15	4°♍24'40	-3.9m
	-1799 Oct 18 j 08:40	0°♎	
morning set	-1799 Oct 20 j 07:49	2°♎28'40	
	-1799 Nov 11 j 03:43	0°♏	
desc. node	-1799 Nov 23 j 10:08	15°♏26'43	
superior conj	-1799 Nov 30 j 23:28	24°♏56'32	-0°17'43
minimum elong	-1799 Nov 30 j 18:41	24°♏41'31	0°17'30
max. Earth dist.	-1799 Dec 04 j 20:26	29°♏48'22	1.71205 AU
	-1799 Dec 05 j 00:08	0°♐	
	-1799 Dec 28 j 22:52	0°♑	
evening rise	-1798 Jan 11 j 16:05	17°♑06'52	
	-1798 Jan 22 j 00:40	0°♒	
	-1798 Feb 15 j 06:46	0°♓	
	-1798 Mar 11 j 18:55	0°♈	
asc. node	-1798 Mar 16 j 11:07	5°♈40'50	
	-1798 Apr 05 j 15:18	0°♉	
	-1798 Apr 30 j 23:02	0°♊	
	-1798 May 27 j 00:15	0°♋	
	-1798 Jun 23 j 10:59	0°♌	
desc. node	-1798 Jul 06 j 02:23	12°♌51'15	
evening max el	-1798 Jul 09 j 00:36	15°♌42'05	46°05'17
	-1798 Jul 24 j 23:05	0°♍	
greatest brilliancy	-1798 Aug 18 j 11:40	14°♍51'27	-4.8m
retrograde	-1798 Aug 27 j 10:05	16°♍19'34	
evening set	-1798 Sep 13 j 19:36	10°♍40'51	
inferior conj	-1798 Sep 17 j 05:04	8°♍38'56	-8°08'11
minimum elong	-1798 Sep 17 j 13:24	8°♍26'17	8°07'06
min. Earth dist.	-1798 Sep 17 j 21:42	8°♍13'40	0.27007 AU
morning rise	-1798 Sep 21 j 06:55	6°♍12'39	
direct	-1798 Oct 07 j 21:05	0°♍53'28	
greatest brilliancy	-1798 Oct 18 j 19:47	3°♍08'32	-4.9m
asc. node	-1798 Oct 27 j 03:37	7°♍23'21	
	-1798 Nov 23 j 05:24	0°♎	
morning max el	-1798 Nov 27 j 16:01	4°♎28'25	46°54'09
	-1798 Dec 21 j 06:14	0°♏	
	-1797 Jan 16 j 06:05	0°♐	
	-1797 Feb 10 j 13:42	0°♑	
desc. node	-1797 Feb 15 j 19:39	6°♑16'02	
	-1797 Mar 07 j 14:34	0°♒	
	-1797 Apr 01 j 11:45	0°♓	
	-1797 Apr 26 j 05:58	0°♈	
	-1797 May 20 j 20:54	0°♉	
morning set	-1797 May 29 j 17:36	10°♉50'53	
asc. node	-1797 Jun 08 j 20:47	23°♉17'00	
	-1797 Jun 14 j 07:50	0°♊	
max. Earth dist.	-1797 Jun 30 j 20:32	20°♊24'09	1.72945 AU
superior conj	-1797 Jul 04 j 21:32	25°♊24'23	0°56'17
minimum elong	-1797 Jul 04 j 12:56	24°♊57'44	0°55'59
	-1797 Jul 08 j 14:30	0°♋	
	-1797 Aug 01 j 17:34	0°♌	
evening rise	-1797 Aug 10 j 04:59	10°♌34'06	
	-1797 Aug 25 j 18:39	0°♍	
	-1797 Sep 18 j 19:39	0°♎	
desc. node	-1797 Sep 28 j 12:23	12°♎05'05	
	-1797 Oct 12 j 22:07	0°♏	
	-1797 Nov 06 j 03:34	0°♐	
	-1797 Nov 30 j 14:48	0°♑	
	-1797 Dec 25 j 14:05	0°♒	
asc. node	-1796 Jan 19 j 13:02	28°♒45'50	
	-1796 Jan 20 j 15:40	0°♓	
evening max el	-1796 Feb 13 j 16:35	25°♓20'34	45°47'36
	-1796 Feb 18 j 12:40	0°♈	
greatest brilliancy	-1796 Mar 22 j 23:04	23°♈54'13	-4.7m
retrograde	-1796 Apr 02 j 17:35	26°♈01'19	
evening set	-1796 Apr 18 j 12:39	21°♈13'05	
inferior conj	-1796 Apr 24 j 05:08	17°♈46'08	3°34'43
minimum elong	-1796 Apr 24 j 12:12	17°♈35'01	3°32'54
min. Earth dist.	-1796 Apr 24 j 16:01	17°♈29'02	0.29119 AU
morning rise	-1796 Apr 30 j 11:32	13°♈58'30	
desc. node	-1796 May 10 j 04:42	10°♈02'07	
direct	-1796 May 15 j 21:40	9°♈23'28	
greatest brilliancy	-1796 May 26 j 12:09	11°♈23'42	-4.7m
	-1796 Jun 23 j 16:58	0°♉	
morning max el	-1796 Jul 03 j 21:12	9°♉20'04	45°55'18
	-1796 Jul 24 j 02:27	0°♊	
	-1796 Aug 19 j 20:29	0°♋	
asc. node	-1796 Aug 31 j 06:21	13°♋23'55	
	-1796 Sep 14 j 02:26	0°♌	
	-1796 Oct 08 j 13:15	0°♍	
	-1796 Nov 01 j 14:38	0°♎	
	-1796 Nov 25 j 12:53	0°♏	
	-1796 Dec 19 j 11:37	0°♐	
desc. node	-1796 Dec 20 j 21:59	1°♐47'27	
morning set	-1795 Jan 05 j 16:13	21°♐28'19	
	-1795 Jan 12 j 12:23	0°♑	
	-1795 Feb 05 j 15:34	0°♒	
superior conj	-1795 Feb 15 j 03:22	11°♒45'53	-1°24'40
minimum elong	-1795 Feb 15 j 03:07	11°♒45'05	1°24'42
max. Earth dist.	-1795 Feb 18 j 09:06	15°♒46'25	1.72728 AU
	-1795 Mar 01 j 21:22	0°♓	
evening rise	-1795 Mar 25 j 10:08	28°♓58'59	
	-1795 Mar 26 j 06:00	0°♈	
asc. node	-1795 Apr 12 j 23:04	21°♈42'48	
	-1795 Apr 19 j 17:44	0°♉	
	-1795 May 14 j 08:46	0°♊	
	-1795 Jun 08 j 03:50	0°♋	
	-1795 Jul 03 j 04:48	0°♌	
	-1795 Jul 28 j 15:50	0°♍	
desc. node	-1795 Aug 02 j 14:17	5°♍43'48	
	-1795 Aug 23 j 21:49	0°♎	
evening max el	-1795 Sep 20 j 14:31	29°♎34'29	47°21'05
	-1795 Sep 21 j 00:43	0°♏	
	-1795 Oct 29 j 04:29	0°♐	
greatest brilliancy	-1795 Oct 31 j 09:32	0°♐53'07	-4.9m
retrograde	-1795 Nov 10 j 09:30	2°♐48'19	
	-1795 Nov 22 j 01:17	30°℞♏	
asc. node	-1795 Nov 23 j 15:20	29°♏13'33	
evening set	-1795 Nov 24 j 18:35	28°♏37'43	
inferior conj	-1795 Nov 30 j 23:25	24°♏58'02	1°52'32
minimum elong	-1795 Nov 30 j 19:18	25°♏04'23	1°51'12
min. Earth dist.	-1795 Nov 30 j 07:00	25°♏23'16	0.26530 AU
morning rise	-1795 Dec 06 j 20:35	21°♏30'18	
direct	-1795 Dec 21 j 06:09	17°♏20'10	
greatest brilliancy	-1795 Dec 30 j 16:53	19°♏02'27	-4.9m

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

	-1794 Jan 18 j 12:34	0°♐	
morning max el	-1794 Feb 09 j 02:19	19°♐13'23	46°24'46
	-1794 Feb 19 j 17:26	0°♑	
desc. node	-1794 Mar 15 j 07:34	25°♑30'57	
	-1794 Mar 19 j 07:48	0°♒	
	-1794 Apr 14 j 13:38	0°♓	
	-1794 May 10 j 03:26	0°♈	
	-1794 Jun 04 j 06:23	0°♉	
	-1794 Jun 29 j 00:08	0°♊	
asc. node	-1794 Jul 06 j 08:42	9°♊00'23	
	-1794 Jul 23 j 09:29	0°♋	
morning set	-1794 Aug 05 j 21:35	16°♋46'24	
	-1794 Aug 16 j 11:54	0°♌	
	-1794 Sep 09 j 09:48	0°♍	
max. Earth dist.	-1794 Sep 10 j 15:11	1°♍32'22	1.71324 AU
superior conj	-1794 Sep 12 j 17:41	4°♍11'08	1°19'07
minimum elong	-1794 Sep 13 j 00:30	4°♍32'36	1°19'01
	-1794 Oct 03 j 05:54	0°♎	
evening rise	-1794 Oct 23 j 06:23	25°♎10'55	
desc. node	-1794 Oct 26 j 00:20	28°♎38'06	
	-1794 Oct 27 j 02:24	0°♏	
	-1794 Nov 20 j 00:36	0°♐	
	-1794 Dec 14 j 01:37	0°♑	
	-1793 Jan 07 j 07:23	0°♒	
	-1793 Jan 31 j 21:37	0°♓	
asc. node	-1793 Feb 16 j 01:07	18°♓08'22	
	-1793 Feb 26 j 02:31	0°♈	
	-1793 Mar 24 j 09:15	0°♉	
	-1793 Apr 21 j 22:37	0°♊	
evening max el	-1793 Apr 25 j 11:56	3°♊25'55	45°13'19
	-1793 May 31 j 09:38	0°♋	
greatest brilliancy	-1793 Jun 02 j 08:44	0°♋45'11	-4.7m
desc. node	-1793 Jun 07 j 16:41	2°♋12'39	
retrograde	-1793 Jun 12 j 20:26	2°♋42'06	
	-1793 Jun 24 j 16:00	30°℞♊	
evening set	-1793 Jun 28 j 10:01	28°♊07'09	
inferior conj	-1793 Jul 04 j 03:40	24°♊42'58	-5°43'34
minimum elong	-1793 Jul 03 j 17:40	24°♊58'22	5°41'18
min. Earth dist.	-1793 Jul 04 j 09:35	24°♊33'51	0.28471 AU
morning rise	-1793 Jul 09 j 00:59	21°♊46'34	
direct	-1793 Jul 25 j 17:08	16°♊33'05	
greatest brilliancy	-1793 Aug 05 j 14:02	18°♊42'06	-4.8m
	-1793 Aug 24 j 08:20	0°♋	
morning max el	-1793 Sep 13 j 18:12	18°♋26'01	46°33'13
	-1793 Sep 24 j 21:52	0°♌	
asc. node	-1793 Sep 28 j 18:04	4°♌09'05	
	-1793 Oct 21 j 12:33	0°♍	
	-1793 Nov 15 j 14:52	0°♎	
	-1793 Dec 10 j 03:22	0°♏	
	-1792 Jan 03 j 11:40	0°♐	
desc. node	-1792 Jan 18 j 09:57	18°♐24'38	
	-1792 Jan 27 j 19:40	0°♑	
	-1792 Feb 21 j 04:35	0°♒	
	-1792 Mar 16 j 14:30	0°♓	
morning set	-1792 Mar 19 j 22:23	4°♓05'11	
	-1792 Apr 10 j 01:06	0°♈	
superior conj	-1792 Apr 25 j 17:07	19°♈13'23	-0°33'49
minimum elong	-1792 Apr 25 j 23:29	19°♈32'53	0°33'30
max. Earth dist.	-1792 Apr 25 j 06:51	18°♈41'54	1.73695 AU
	-1792 May 04 j 11:50	0°♉	
asc. node	-1792 May 10 j 10:57	7°♉19'19	
	-1792 May 28 j 22:00	0°♊	
evening rise	-1792 May 31 j 16:56	3°♊25'46	
	-1792 Jun 22 j 07:19	0°♋	
	-1792 Jul 16 j 16:23	0°♌	
	-1792 Aug 10 j 02:45	0°♍	
desc. node	-1792 Aug 30 j 02:27	24°♍25'18	
	-1792 Sep 03 j 16:26	0°♎	
	-1792 Sep 28 j 12:13	0°♏	
	-1792 Oct 23 j 19:45	0°♐	
	-1792 Nov 19 j 07:05	0°♑	
evening max el	-1792 Dec 01 j 08:55	12°♑46'30	47°08'53
	-1792 Dec 19 j 14:48	0°♒	
asc. node	-1792 Dec 21 j 03:19	1°♒16'18	
greatest brilliancy	-1791 Jan 10 j 11:20	14°♒12'16	-4.9m
retrograde	-1791 Jan 21 j 04:50	16°♒23'01	
evening set	-1791 Feb 07 j 22:12	10°♒14'23	
min. Earth dist.	-1791 Feb 10 j 16:54	8°♒29'18	0.28449 AU
inferior conj	-1791 Feb 11 j 08:36	8°♒04'14	8°28'36
minimum elong	-1791 Feb 11 j 07:13	8°♒06'25	8°28'33
morning rise	-1791 Feb 14 j 16:32	5°♒58'30	
	-1791 Mar 02 j 12:09	30°℞♑	
direct	-1791 Mar 04 j 11:37	29°♑55'20	
	-1791 Mar 06 j 11:35	0°♒	
greatest brilliancy	-1791 Mar 13 j 11:35	1°♒25'08	-4.8m
desc. node	-1791 Apr 11 j 19:05	20°♒18'53	
	-1791 Apr 22 j 09:22	0°♓	
morning max el	-1791 Apr 22 j 07:42	29°♒56'03	45°50'08
	-1791 May 21 j 11:49	0°♈	
	-1791 Jun 17 j 05:42	0°♉	
	-1791 Jul 12 j 20:22	0°♊	
asc. node	-1791 Aug 02 j 20:34	25°♊18'15	
	-1791 Aug 06 j 17:00	0°♋	
	-1791 Aug 31 j 00:45	0°♌	
	-1791 Sep 24 j 00:12	0°♍	
greatest brilliancy	-1791 Sep 28 j 17:38	5°♍56'37	-3.9m
morning set	-1791 Oct 17 j 19:23	29°♍58'51	
	-1791 Oct 17 j 19:45	0°♎	
	-1791 Nov 10 j 14:46	0°♏	
desc. node	-1791 Nov 22 j 12:12	14°♏58'31	
superior conj	-1791 Nov 28 j 08:52	22°♏20'38	-0°13'47
minimum elong	-1791 Nov 28 j 05:06	22°♏08'50	0°13'38
behind sun begin	-1791 Nov 27 j 13:59	21°♏21'19	
behind sun end	-1791 Nov 28 j 20:14	22°♏56'21	
max. Earth dist.	-1791 Dec 02 j 00:58	26°♏57'18	1.71171 AU
	-1791 Dec 04 j 11:10	0°♐	
	-1791 Dec 28 j 09:54	0°♑	
evening rise	-1790 Jan 09 j 03:14	14°♑37'40	
	-1790 Jan 21 j 11:45	0°♒	
	-1790 Feb 14 j 17:57	0°♓	
	-1790 Mar 11 j 06:20	0°♈	
asc. node	-1790 Mar 15 j 13:08	5°♈12'08	
	-1790 Apr 05 j 03:12	0°♉	
	-1790 Apr 30 j 11:52	0°♊	
	-1790 May 26 j 14:57	0°♋	
	-1790 Jun 23 j 05:58	0°♌	
desc. node	-1790 Jul 05 j 04:34	12°♌00'52	
evening max el	-1790 Jul 06 j 12:39	13°♌18'30	46°02'30
	-1790 Jul 25 j 11:29	0°♍	
greatest brilliancy	-1790 Aug 15 j 23:34	12°♍26'15	-4.8m
retrograde	-1790 Aug 24 j 22:06	13°♍54'49	
evening set	-1790 Sep 11 j 10:43	8°♍11'37	
inferior conj	-1790 Sep 14 j 17:41	6°♍13'34	-8°17'11
minimum elong	-1790 Sep 15 j 01:22	6°♍01'55	8°16'15
min. Earth dist.	-1790 Sep 15 j 10:38	5°♍47'52	0.27062 AU
morning rise	-1790 Sep 18 j 15:44	3°♍52'58	
	-1790 Sep 26 j 17:19	30°℞♌	
direct	-1790 Oct 05 j 10:04	28°♌26'58	
	-1790 Oct 14 j 10:22	0°♍	
greatest brilliancy	-1790 Oct 16 j 10:09	0°♍43'25	-4.9m
asc. node	-1790 Oct 26 j 05:35	5°♍54'37	

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

	-1790 Nov 23 j 05:22	0°♎	
morning max el	-1790 Nov 25 j 05:33	2°♎02'24	46°54'35
	-1790 Dec 20 j 22:58	0°♏	
	-1789 Jan 15 j 20:10	0°♐	
	-1789 Feb 10 j 02:26	0°♑	
desc. node	-1789 Feb 14 j 21:48	5°♑44'56	
	-1789 Mar 07 j 02:30	0°♒	
	-1789 Mar 31 j 23:09	0°♓	
	-1789 Apr 25 j 17:01	0°♈	
	-1789 May 20 j 07:42	0°♉	
morning set	-1789 May 27 j 12:04	8°♉47'23	
asc. node	-1789 Jun 07 j 22:56	22°♉50'42	
	-1789 Jun 13 j 18:32	0°♊	
max. Earth dist.	-1789 Jun 28 j 18:10	18°♊29'26	1.72996 AU
superior conj	-1789 Jul 02 j 15:31	23°♊18'16	0°53'52
minimum elong	-1789 Jul 02 j 07:02	22°♊51'58	0°53'35
	-1789 Jul 08 j 01:13	0°♋	
	-1789 Aug 01 j 04:25	0°♌	
evening rise	-1789 Aug 07 j 21:10	8°♌20'55	
	-1789 Aug 25 j 05:43	0°♍	
	-1789 Sep 18 j 06:57	0°♎	
desc. node	-1789 Sep 27 j 14:22	11°♎35'41	
	-1789 Oct 12 j 09:42	0°♏	
	-1789 Nov 05 j 15:31	0°♐	
	-1789 Nov 30 j 03:19	0°♑	
	-1789 Dec 25 j 03:40	0°♒	
asc. node	-1788 Jan 18 j 15:12	28°♒07'52	
	-1788 Jan 20 j 07:40	0°♓	
evening max el	-1788 Feb 11 j 08:12	23°♓08'32	45°50'03
	-1788 Feb 18 j 12:43	0°♈	
greatest brilliancy	-1788 Mar 20 j 15:05	21°♈46'09	-4.7m
retrograde	-1788 Mar 31 j 10:55	23°♈54'24	
evening set	-1788 Apr 16 j 07:33	19°♈02'32	
inferior conj	-1788 Apr 21 j 21:52	15°♈38'26	3°51'59
minimum elong	-1788 Apr 22 j 05:23	15°♈26'38	3°50'04
min. Earth dist.	-1788 Apr 22 j 08:18	15°♈22'02	0.29132 AU
morning rise	-1788 Apr 28 j 03:04	11°♈52'42	
desc. node	-1788 May 09 j 06:48	7°♈37'45	
direct	-1788 May 13 j 14:32	7°♈15'34	
greatest brilliancy	-1788 May 24 j 03:58	9°♈15'24	-4.7m
	-1788 Jun 23 j 19:35	0°♉	
morning max el	-1788 Jul 01 j 14:19	7°♉13'03	45°54'21
	-1788 Jul 23 j 19:04	0°♊	
	-1788 Aug 19 j 10:14	0°♋	
asc. node	-1788 Aug 30 j 08:25	12°♋51'15	
	-1788 Sep 13 j 14:56	0°♌	
	-1788 Oct 08 j 01:08	0°♍	
	-1788 Nov 01 j 02:09	0°♎	
	-1788 Nov 25 j 00:09	0°♏	
	-1788 Dec 18 j 22:42	0°♐	
desc. node	-1788 Dec 20 j 00:09	1°♐19'37	
morning set	-1787 Jan 03 j 02:49	18°♐57'25	
	-1787 Jan 11 j 23:18	0°♑	
	-1787 Feb 05 j 02:21	0°♒	
superior conj	-1787 Feb 12 j 17:28	9°♒27'38	-1°24'34
minimum elong	-1787 Feb 12 j 16:19	9°♒24'06	1°24'36
max. Earth dist.	-1787 Feb 16 j 01:48	13°♒36'25	1.72676 AU
	-1787 Mar 01 j 08:03	0°♓	
evening rise	-1787 Mar 23 j 02:52	26°♓50'07	
	-1787 Mar 25 j 16:42	0°♈	
asc. node	-1787 Apr 12 j 01:05	21°♈15'56	
	-1787 Apr 19 j 04:34	0°♉	
	-1787 May 13 j 19:56	0°♊	
	-1787 Jun 07 j 15:32	0°♋	
	-1787 Jul 02 j 17:23	0°♌	
	-1787 Jul 28 j 05:51	0°♍	
desc. node	-1787 Aug 01 j 16:25	5°♍08'23	
	-1787 Aug 23 j 14:35	0°♎	
evening max el	-1787 Sep 18 j 05:23	27°♎13'14	47°19'30
	-1787 Sep 21 j 00:41	0°♏	
greatest brilliancy	-1787 Oct 28 j 22:59	28°♏24'29	-4.9m
	-1787 Nov 03 j 23:39	0°♐	
retrograde	-1787 Nov 07 j 22:49	0°♐18'55	
	-1787 Nov 11 j 20:07	30°℞♏	
evening set	-1787 Nov 22 j 06:59	26°♏09'23	
asc. node	-1787 Nov 22 j 17:34	25°♏54'57	
inferior conj	-1787 Nov 28 j 11:52	22°♏29'39	1°28'46
minimum elong	-1787 Nov 28 j 08:34	22°♏34'42	1°27'42
min. Earth dist.	-1787 Nov 27 j 20:26	22°♏53'20	0.26488 AU
morning rise	-1787 Dec 04 j 10:47	18°♏59'56	
direct	-1787 Dec 18 j 19:00	14°♏52'41	
greatest brilliancy	-1787 Dec 28 j 05:59	16°♏35'34	-4.9m
	-1786 Jan 19 j 02:52	0°♐	
morning max el	-1786 Feb 06 j 16:13	16°♐52'45	46°26'18
	-1786 Feb 19 j 12:43	0°♑	
desc. node	-1786 Mar 14 j 09:32	24°♑53'51	
	-1786 Mar 18 j 22:38	0°♒	
	-1786 Apr 14 j 02:30	0°♓	
	-1786 May 09 j 15:16	0°♈	
	-1786 Jun 03 j 17:40	0°♉	
	-1786 Jun 28 j 11:07	0°♊	
asc. node	-1786 Jul 05 j 10:50	8°♊33'27	
	-1786 Jul 22 j 20:20	0°♋	
morning set	-1786 Aug 03 j 13:38	14°♋33'16	
	-1786 Aug 15 j 22:43	0°♌	
max. Earth dist.	-1786 Sep 07 j 21:41	28°♌47'50	1.71367 AU
	-1786 Sep 08 j 20:39	0°♍	
superior conj	-1786 Sep 10 j 07:17	1°♍48'51	1°20'18
minimum elong	-1786 Sep 10 j 13:22	2°♍07'57	1°20'13
	-1786 Oct 02 j 16:52	0°♎	
evening rise	-1786 Oct 20 j 16:02	22°♎35'39	
desc. node	-1786 Oct 25 j 02:25	28°♎09'52	
	-1786 Oct 26 j 13:29	0°♏	
	-1786 Nov 19 j 11:49	0°♐	
	-1786 Dec 13 j 12:59	0°♑	
	-1785 Jan 06 j 18:58	0°♒	
	-1785 Jan 31 j 09:40	0°♓	
asc. node	-1785 Feb 15 j 03:10	17°♓37'15	
	-1785 Feb 25 j 15:32	0°♈	
	-1785 Mar 24 j 00:25	0°♉	
	-1785 Apr 21 j 20:02	0°♊	
evening max el	-1785 Apr 23 j 03:10	1°♊14'33	45°12'58
greatest brilliancy	-1785 May 30 j 23:38	28°♊33'58	-4.7m
	-1785 Jun 05 j 04:23	0°♋	
desc. node	-1785 Jun 06 j 18:50	0°♋15'43	
retrograde	-1785 Jun 10 j 10:56	0°♋30'48	
	-1785 Jun 15 j 14:28	30°℞♊	
evening set	-1785 Jun 25 j 22:57	25°♊59'01	
inferior conj	-1785 Jul 01 j 19:06	22°♊31'14	-5°27'32
minimum elong	-1785 Jul 01 j 09:17	22°♊46'22	5°25'14
min. Earth dist.	-1785 Jul 02 j 01:17	22°♊21'41	0.28506 AU
morning rise	-1785 Jul 06 j 19:13	19°♊30'24	
direct	-1785 Jul 23 j 08:48	14°♊20'41	
greatest brilliancy	-1785 Aug 03 j 06:00	16°♊29'20	-4.8m
	-1785 Aug 24 j 19:04	0°♋	
morning max el	-1785 Sep 11 j 07:40	16°♋04'38	46°31'48
	-1785 Sep 24 j 16:21	0°♌	
asc. node	-1785 Sep 27 j 20:04	3°♌26'00	
	-1785 Oct 21 j 03:19	0°♍	
	-1785 Nov 15 j 04:05	0°♎	
	-1785 Dec 09 j 15:45	0°♏	

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

	-1784 Jan 02 j 23:30	0°♐	
desc. node	-1784 Jan 17 j 12:01	17°♐55'22	
	-1784 Jan 27 j 07:06	0°♑	
	-1784 Feb 20 j 15:42	0°♒	
	-1784 Mar 16 j 01:22	0°♓	
morning set	-1784 Mar 17 j 14:56	1°♓55'21	
	-1784 Apr 09 j 11:50	0°♈	
superior conj	-1784 Apr 23 j 11:34	17°♈10'01	-0°36'38
minimum elong	-1784 Apr 23 j 18:21	17°♈30'52	0°36'19
max. Earth dist.	-1784 Apr 23 j 03:41	16°♈45'52	1.73683 AU
	-1784 May 03 j 22:30	0°♉	
asc. node	-1784 May 09 j 13:10	6°♉53'26	
	-1784 May 28 j 08:43	0°♊	
evening rise	-1784 May 29 j 12:30	1°♊25'22	
	-1784 Jun 21 j 18:14	0°♋	
	-1784 Jul 16 j 03:40	0°♌	
	-1784 Aug 09 j 14:32	0°♍	
desc. node	-1784 Aug 29 j 04:25	23°♍53'47	
	-1784 Sep 03 j 04:54	0°♎	
	-1784 Sep 28 j 01:40	0°♏	
	-1784 Oct 23 j 10:51	0°♐	
	-1784 Nov 19 j 01:52	0°♑	
evening max el	-1784 Nov 28 j 22:55	10°♑23'39	47°11'01
asc. node	-1784 Dec 20 j 05:27	0°♒09'02	
	-1784 Dec 20 j 00:59	0°♒	
greatest brilliancy	-1783 Jan 08 j 04:13	11°♒57'05	-4.9m
retrograde	-1783 Jan 18 j 20:23	14°♒07'13	
evening set	-1783 Feb 05 j 12:42	8°♒01'01	
min. Earth dist.	-1783 Feb 08 j 07:55	6°♒15'18	0.28388 AU
inferior conj	-1783 Feb 09 j 00:21	5°♒49'05	8°27'18
minimum elong	-1783 Feb 08 j 22:12	5°♒52'30	8°27'13
morning rise	-1783 Feb 12 j 07:58	3°♒43'49	
	-1783 Feb 19 j 08:26	30°℞♑	
direct	-1783 Mar 02 j 02:03	27°♑41'06	
greatest brilliancy	-1783 Mar 11 j 02:18	29°♑10'53	-4.8m
	-1783 Mar 13 j 09:42	0°♒	
desc. node	-1783 Apr 10 j 21:11	19°♒22'28	
morning max el	-1783 Apr 19 j 22:07	27°♒41'39	45°50'56
	-1783 Apr 22 j 07:33	0°♓	
	-1783 May 21 j 03:26	0°♈	
	-1783 Jun 16 j 18:57	0°♉	
	-1783 Jul 12 j 08:28	0°♊	
asc. node	-1783 Aug 01 j 22:39	24°♊49'17	
	-1783 Aug 06 j 04:33	0°♋	
	-1783 Aug 30 j 12:02	0°♌	
	-1783 Sep 23 j 11:24	0°♍	
greatest brilliancy	-1783 Sep 29 j 04:10	7°♍10'04	-3.9m
morning set	-1783 Oct 15 j 06:46	27°♍28'04	
	-1783 Oct 17 j 06:57	0°♎	
	-1783 Nov 10 j 01:56	0°♏	
desc. node	-1783 Nov 21 j 14:25	14°♏30'20	
superior conj	-1783 Nov 25 j 17:46	19°♏42'43	-0°09'46
minimum elong	-1783 Nov 25 j 15:05	19°♏34'18	0°09'41
behind sun begin	-1783 Nov 24 j 17:03	18°♏25'02	
behind sun end	-1783 Nov 26 j 13:07	20°♏43'33	
max. Earth dist.	-1783 Nov 29 j 03:27	23°♏59'22	1.71137 AU
	-1783 Dec 03 j 22:19	0°♐	
	-1783 Dec 27 j 21:02	0°♑	
evening rise	-1782 Jan 06 j 14:01	12°♑06'58	
	-1782 Jan 20 j 22:54	0°♒	
	-1782 Feb 14 j 05:12	0°♓	
	-1782 Mar 10 j 17:49	0°♈	
asc. node	-1782 Mar 14 j 15:12	4°♈43'21	
	-1782 Apr 04 j 15:11	0°♉	
	-1782 Apr 30 j 00:49	0°♊	
	-1782 May 26 j 05:49	0°♋	
	-1782 Jun 23 j 01:25	0°♌	
evening max el	-1782 Jul 04 j 01:33	10°♌57'26	45°59'50
desc. node	-1782 Jul 04 j 06:38	11°♌09'39	
	-1782 Jul 26 j 03:49	0°♍	
greatest brilliancy	-1782 Aug 13 j 10:46	10°♍01'04	-4.8m
retrograde	-1782 Aug 22 j 10:53	11°♍30'48	
evening set	-1782 Sep 09 j 01:45	5°♍43'21	
inferior conj	-1782 Sep 12 j 06:29	3°♍48'40	-8°24'58
minimum elong	-1782 Sep 12 j 13:29	3°♍38'04	8°24'13
min. Earth dist.	-1782 Sep 12 j 23:15	3°♍23'15	0.27125 AU
morning rise	-1782 Sep 16 j 00:57	1°♍33'27	
	-1782 Sep 18 j 20:15	30°℞♌	
direct	-1782 Oct 02 j 23:48	26°♌00'55	
greatest brilliancy	-1782 Oct 14 j 00:12	28°♌17'59	-4.9m
	-1782 Oct 17 j 18:50	0°♍	
asc. node	-1782 Oct 25 j 07:52	4°♍29'10	
morning max el	-1782 Nov 22 j 20:10	29°♍38'26	46°54'43
	-1782 Nov 23 j 04:35	0°♎	
	-1782 Dec 20 j 15:43	0°♏	
	-1781 Jan 15 j 10:26	0°♐	
	-1781 Feb 09 j 15:22	0°♑	
desc. node	-1781 Feb 13 j 23:50	5°♑12'51	
	-1781 Mar 06 j 14:37	0°♒	
	-1781 Mar 31 j 10:43	0°♓	
	-1781 Apr 25 j 04:13	0°♈	
	-1781 May 19 j 18:41	0°♉	
morning set	-1781 May 25 j 06:52	6°♉44'25	
asc. node	-1781 Jun 07 j 01:05	22°♉23'48	
	-1781 Jun 13 j 05:25	0°♊	
max. Earth dist.	-1781 Jun 26 j 15:49	16°♊34'19	1.73041 AU
superior conj	-1781 Jun 30 j 10:00	21°♊13'11	0°51'25
minimum elong	-1781 Jun 30 j 01:40	20°♊47'25	0°51'08
	-1781 Jul 07 j 12:07	0°♋	
	-1781 Jul 31 j 15:26	0°♌	
evening rise	-1781 Aug 05 j 14:00	6°♌09'22	
	-1781 Aug 24 j 16:56	0°♍	
	-1781 Sep 17 j 18:26	0°♎	
desc. node	-1781 Sep 26 j 16:31	11°♎06'13	
	-1781 Oct 11 j 21:31	0°♏	
	-1781 Nov 05 j 03:48	0°♐	
	-1781 Nov 29 j 16:17	0°♑	
	-1781 Dec 24 j 17:47	0°♒	
asc. node	-1780 Jan 17 j 17:16	27°♒27'57	
	-1780 Jan 20 j 00:25	0°♓	
evening max el	-1780 Feb 09 j 00:27	20°♓56'44	45°52'42
	-1780 Feb 18 j 14:33	0°♈	
greatest brilliancy	-1780 Mar 18 j 07:31	19°♈37'31	-4.7m
retrograde	-1780 Mar 29 j 04:18	21°♈46'19	
evening set	-1780 Apr 14 j 02:35	16°♈51'02	
inferior conj	-1780 Apr 19 j 14:37	13°♈29'45	4°08'52
minimum elong	-1780 Apr 19 j 22:31	13°♈17'19	4°06'54
min. Earth dist.	-1780 Apr 20 j 00:22	13°♈14'24	0.29137 AU
morning rise	-1780 Apr 25 j 18:26	9°♈46'02	
desc. node	-1780 May 08 j 09:02	5°♈17'11	
direct	-1780 May 11 j 07:40	5°♈06'56	
greatest brilliancy	-1780 May 21 j 19:03	7°♈05'25	-4.7m
	-1780 Jun 23 j 21:07	0°♉	
morning max el	-1780 Jun 29 j 07:21	5°♉05'10	45°53'30
	-1780 Jul 23 j 11:40	0°♊	
	-1780 Aug 19 j 00:06	0°♋	
asc. node	-1780 Aug 29 j 10:27	12°♋17'59	
	-1780 Sep 13 j 03:36	0°♌	
	-1780 Oct 07 j 13:11	0°♍	
	-1780 Oct 31 j 13:52	0°♎	
	-1780 Nov 24 j 11:41	0°♏	

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

	-1780 Dec 18 j 10:07	0°♐	
desc. node	-1780 Dec 19 j 02:13	0°♐50'21	
morning set	-1780 Dec 31 j 13:05	16°♐24'17	
	-1779 Jan 11 j 10:37	0°♑	
	-1779 Feb 04 j 13:33	0°♒	
superior conj	-1779 Feb 10 j 06:55	7°♒05'58	-1°24'19
minimum elong	-1779 Feb 10 j 04:54	6°♒59'42	1°24'20
max. Earth dist.	-1779 Feb 13 j 18:51	11°♒26'02	1.72623 AU
	-1779 Feb 28 j 19:10	0°♓	
evening rise	-1779 Mar 20 j 19:02	24°♓38'10	
	-1779 Mar 25 j 03:48	0°♈	
asc. node	-1779 Apr 11 j 03:17	20°♈48'25	
	-1779 Apr 18 j 15:49	0°♉	
	-1779 May 13 j 07:30	0°♊	
	-1779 Jun 07 j 03:38	0°♋	
	-1779 Jul 02 j 06:21	0°♌	
	-1779 Jul 27 j 20:19	0°♍	
desc. node	-1779 Jul 31 j 18:26	4°♍31'30	
	-1779 Aug 23 j 07:57	0°♎	
evening max el	-1779 Sep 15 j 20:12	24°♎51'18	47°17'49
	-1779 Sep 21 j 02:01	0°♏	
greatest brilliancy	-1779 Oct 26 j 12:56	25°♏56'19	-4.9m
retrograde	-1779 Nov 05 j 11:49	27°♏49'18	
evening set	-1779 Nov 19 j 19:50	23°♏40'44	
asc. node	-1779 Nov 21 j 19:38	22°♏33'33	
min. Earth dist.	-1779 Nov 25 j 10:17	20°♏23'00	0.26453 AU
inferior conj	-1779 Nov 26 j 00:30	20°♏01'10	1°05'01
minimum elong	-1779 Nov 25 j 22:04	20°♏04'54	1°04'12
morning rise	-1779 Dec 02 j 00:57	16°♏29'28	
direct	-1779 Dec 16 j 07:51	12°♏25'04	
greatest brilliancy	-1779 Dec 25 j 19:36	14°♏08'35	-4.9m
	-1778 Jan 19 j 13:55	0°♐	
morning max el	-1778 Feb 04 j 05:19	14°♐28'46	46°27'31
	-1778 Feb 19 j 07:56	0°♑	
desc. node	-1778 Mar 13 j 11:40	24°♑16'06	
	-1778 Mar 18 j 13:45	0°♒	
	-1778 Apr 13 j 15:47	0°♓	
	-1778 May 09 j 03:31	0°♈	
	-1778 Jun 03 j 05:19	0°♉	
	-1778 Jun 27 j 22:26	0°♊	
asc. node	-1778 Jul 04 j 12:50	8°♊05'04	
	-1778 Jul 22 j 07:30	0°♋	
morning set	-1778 Aug 01 j 05:45	12°♋19'27	
	-1778 Aug 15 j 09:51	0°♌	
max. Earth dist.	-1778 Sep 05 j 04:38	26°♌03'45	1.71413 AU
superior conj	-1778 Sep 07 j 21:17	29°♌26'51	1°21'19
minimum elong	-1778 Sep 08 j 02:35	29°♌43'31	1°21'16
	-1778 Sep 08 j 07:50	0°♍	
	-1778 Oct 02 j 04:08	0°♎	
evening rise	-1778 Oct 18 j 02:08	20°♎00'54	
desc. node	-1778 Oct 24 j 04:36	27°♎41'00	
	-1778 Oct 26 j 00:52	0°♏	
	-1778 Nov 18 j 23:19	0°♐	
	-1778 Dec 13 j 00:37	0°♑	
	-1777 Jan 06 j 06:53	0°♒	
	-1777 Jan 30 j 22:07	0°♓	
asc. node	-1777 Feb 14 j 05:13	17°♓04'53	
	-1777 Feb 25 j 05:03	0°♈	
	-1777 Mar 23 j 16:19	0°♉	
evening max el	-1777 Apr 20 j 17:45	29°♉00'13	45°12'49
	-1777 Apr 21 j 18:55	0°♊	
greatest brilliancy	-1777 May 28 j 14:29	26°♊21'23	-4.7m
desc. node	-1777 Jun 05 j 20:52	28°♊13'04	
retrograde	-1777 Jun 08 j 01:37	28°♊18'32	
evening set	-1777 Jun 23 j 12:00	23°♊49'23	
inferior conj	-1777 Jun 29 j 10:32	20°♊18'29	-5°11'05
minimum elong	-1777 Jun 29 j 00:57	20°♊33'16	5°08'47
min. Earth dist.	-1777 Jun 29 j 17:06	20°♊08'20	0.28537 AU
morning rise	-1777 Jul 04 j 13:23	17°♊13'30	
direct	-1777 Jul 21 j 00:01	12°♊07'12	
greatest brilliancy	-1777 Jul 31 j 22:19	14°♊16'13	-4.8m
	-1777 Aug 25 j 03:21	0°♋	
morning max el	-1777 Sep 08 j 21:22	13°♋43'11	46°30'27
	-1777 Sep 24 j 10:40	0°♌	
asc. node	-1777 Sep 26 j 22:19	2°♌43'22	
	-1777 Oct 20 j 18:11	0°♍	
	-1777 Nov 14 j 17:27	0°♎	
	-1777 Dec 09 j 04:18	0°♏	
	-1776 Jan 02 j 11:29	0°♐	
desc. node	-1776 Jan 16 j 14:03	17°♐25'24	
	-1776 Jan 26 j 18:42	0°♑	
	-1776 Feb 20 j 03:00	0°♒	
morning set	-1776 Mar 15 j 07:16	29°♒43'59	
	-1776 Mar 15 j 12:29	0°♓	
	-1776 Apr 08 j 22:50	0°♈	
superior conj	-1776 Apr 21 j 05:45	15°♈04'57	-0°39'26
minimum elong	-1776 Apr 21 j 12:58	15°♈27'04	0°39'07
max. Earth dist.	-1776 Apr 20 j 22:48	14°♈43'38	1.73677 AU
	-1776 May 03 j 09:28	0°♉	
asc. node	-1776 May 08 j 15:15	6°♉26'06	
evening rise	-1776 May 27 j 07:44	29°♉23'04	
	-1776 May 27 j 19:45	0°♊	
	-1776 Jun 21 j 05:27	0°♋	
	-1776 Jul 15 j 15:13	0°♌	
	-1776 Aug 09 j 02:34	0°♍	
desc. node	-1776 Aug 28 j 06:33	23°♍22'03	
	-1776 Sep 02 j 17:39	0°♎	
	-1776 Sep 27 j 15:25	0°♏	
	-1776 Oct 23 j 02:21	0°♐	
	-1776 Nov 18 j 21:22	0°♑	
evening max el	-1776 Nov 26 j 12:58	8°♑00'27	47°13'10
asc. node	-1776 Dec 19 j 07:31	28°♑59'19	
	-1776 Dec 20 j 14:54	0°♒	
greatest brilliancy	-1775 Jan 05 j 20:37	9°♒40'38	-4.9m
retrograde	-1775 Jan 16 j 12:17	11°♒50'56	
evening set	-1775 Feb 03 j 02:49	5°♒47'23	
min. Earth dist.	-1775 Feb 05 j 22:43	4°♒00'54	0.28328 AU
inferior conj	-1775 Feb 06 j 16:02	3°♒33'18	8°25'11
minimum elong	-1775 Feb 06 j 13:08	3°♒37'56	8°25'02
morning rise	-1775 Feb 09 j 23:42	1°♒28'09	
	-1775 Feb 12 j 11:29	30°℞♑	
direct	-1775 Feb 27 j 16:24	25°♑26'10	
greatest brilliancy	-1775 Mar 08 j 16:50	26°♑56'06	-4.8m
	-1775 Mar 15 j 22:45	0°♒	
desc. node	-1775 Apr 09 j 23:24	18°♒27'13	
morning max el	-1775 Apr 17 j 13:09	25°♒28'14	45°51'39
	-1775 Apr 22 j 05:06	0°♓	
	-1775 May 20 j 19:02	0°♈	
	-1775 Jun 16 j 08:19	0°♉	
	-1775 Jul 11 j 20:46	0°♊	
asc. node	-1775 Aug 01 j 00:46	24°♊19'48	
	-1775 Aug 05 j 16:16	0°♋	
	-1775 Aug 29 j 23:27	0°♌	
	-1775 Sep 22 j 22:42	0°♍	
greatest brilliancy	-1775 Sep 29 j 01:28	7°♍41'40	-3.9m
morning set	-1775 Oct 12 j 18:15	24°♍57'25	
	-1775 Oct 16 j 18:12	0°♎	
	-1775 Nov 09 j 13:11	0°♏	
desc. node	-1775 Nov 20 j 16:23	14°♏01'08	
superior conj	-1775 Nov 23 j 02:39	17°♏04'22	-0°05'46

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

minimum elong	-1775 Nov 23 j 01:03	16°♏59'22	0°05'42
behind sun begin	-1775 Nov 21 j 23:31	15°♏39'02	
behind sun end	-1775 Nov 24 j 02:36	18°♏19'42	
max. Earth dist.	-1775 Nov 26 j 07:26	21°♏05'47	1.71109 AU
	-1775 Dec 03 j 09:33	0°♐	
	-1775 Dec 27 j 08:15	0°♑	
evening rise	-1774 Jan 04 j 00:48	9°♑36'00	
	-1774 Jan 20 j 10:08	0°♒	
	-1774 Feb 13 j 16:31	0°♓	
	-1774 Mar 10 j 05:22	0°♈	
asc. node	-1774 Mar 13 j 17:26	4°♈14'57	
	-1774 Apr 04 j 03:14	0°♉	
	-1774 Apr 29 j 13:55	0°♊	
	-1774 May 25 j 21:01	0°♋	
	-1774 Jun 22 j 21:39	0°♌	
evening max el	-1774 Jul 01 j 15:28	8°♌38'32	45°57'09
desc. node	-1774 Jul 03 j 08:41	10°♌16'53	
	-1774 Jul 27 j 02:02	0°♍	
greatest brilliancy	-1774 Aug 10 j 21:40	7°♍35'23	-4.8m
retrograde	-1774 Aug 19 j 23:51	9°♍06'19	
evening set	-1774 Sep 06 j 16:29	3°♍15'18	
inferior conj	-1774 Sep 09 j 19:13	1°♍23'29	-8°31'51
minimum elong	-1774 Sep 10 j 01:28	1°♍14'02	8°31'16
min. Earth dist.	-1774 Sep 10 j 11:29	0°♍58'51	0.27182 AU
	-1774 Sep 12 j 02:37	30°℞♌	
morning rise	-1774 Sep 13 j 10:14	29°♌13'24	
direct	-1774 Sep 30 j 13:51	23°♌34'57	
greatest brilliancy	-1774 Oct 11 j 13:27	25°♌51'40	-4.9m
	-1774 Oct 19 j 17:03	0°♍	
asc. node	-1774 Oct 24 j 09:57	3°♍06'16	
morning max el	-1774 Nov 20 j 10:51	27°♍14'54	46°54'43
	-1774 Nov 23 j 02:49	0°♎	
	-1774 Dec 20 j 08:05	0°♏	
	-1773 Jan 15 j 00:30	0°♐	
	-1773 Feb 09 j 04:11	0°♑	
desc. node	-1773 Feb 13 j 01:56	4°♑41'14	
	-1773 Mar 06 j 02:38	0°♒	
	-1773 Mar 30 j 22:11	0°♓	
	-1773 Apr 24 j 15:18	0°♈	
	-1773 May 19 j 05:33	0°♉	
morning set	-1773 May 23 j 01:45	4°♉42'03	
asc. node	-1773 Jun 06 j 03:05	21°♉56'43	
	-1773 Jun 12 j 16:13	0°♊	
max. Earth dist.	-1773 Jun 24 j 12:25	14°♊36'15	1.73090 AU
superior conj	-1773 Jun 28 j 04:24	19°♊08'08	0°48'55
minimum elong	-1773 Jun 27 j 20:18	18°♊43'04	0°48'37
	-1773 Jul 06 j 22:58	0°♋	
	-1773 Jul 31 j 02:26	0°♌	
evening rise	-1773 Aug 03 j 06:41	3°♌57'25	
	-1773 Aug 24 j 04:08	0°♍	
	-1773 Sep 17 j 05:53	0°♎	
desc. node	-1773 Sep 25 j 18:39	10°♎36'54	
	-1773 Oct 11 j 09:17	0°♏	
	-1773 Nov 04 j 16:01	0°♐	
	-1773 Nov 29 j 05:10	0°♑	
	-1773 Dec 24 j 07:53	0°♒	
asc. node	-1772 Jan 16 j 19:22	26°♒48'16	
	-1772 Jan 19 j 17:19	0°♓	
evening max el	-1772 Feb 06 j 16:51	18°♓45'33	45°55'18
	-1772 Feb 18 j 17:40	0°♈	
greatest brilliancy	-1772 Mar 16 j 00:39	17°♈30'10	-4.7m
retrograde	-1772 Mar 26 j 21:22	19°♈38'37	
evening set	-1772 Apr 11 j 21:43	14°♈40'10	
inferior conj	-1772 Apr 17 j 07:23	11°♈21'44	4°25'21
minimum elong	-1772 Apr 17 j 15:37	11°♈08'45	4°23'22
min. Earth dist.	-1772 Apr 17 j 16:32	11°♈07'18	0.29139 AU
morning rise	-1772 Apr 23 j 09:35	7°♈40'04	
desc. node	-1772 May 07 j 10:58	3°♈02'05	
direct	-1772 May 09 j 00:44	2°♈59'11	
greatest brilliancy	-1772 May 19 j 09:51	4°♈55'48	-4.7m
	-1772 Jun 23 j 21:08	0°♉	
morning max el	-1772 Jun 26 j 23:32	2°♉56'02	45°52'33
	-1772 Jul 23 j 03:44	0°♊	
	-1772 Aug 18 j 13:41	0°♋	
asc. node	-1772 Aug 28 j 12:40	11°♋45'49	
	-1772 Sep 12 j 16:04	0°♌	
	-1772 Oct 07 j 01:06	0°♍	
	-1772 Oct 31 j 01:27	0°♎	
	-1772 Nov 23 j 23:03	0°♏	
	-1772 Dec 17 j 21:19	0°♐	
desc. node	-1772 Dec 18 j 04:16	0°♐21'44	
morning set	-1772 Dec 28 j 23:10	13°♐51'13	
	-1771 Jan 10 j 21:40	0°♑	
	-1771 Feb 04 j 00:29	0°♒	
superior conj	-1771 Feb 07 j 20:12	4°♒44'30	-1°23'55
minimum elong	-1771 Feb 07 j 17:17	4°♒35'26	1°23'55
max. Earth dist.	-1771 Feb 11 j 12:56	9°♒19'33	1.72567 AU
	-1771 Feb 28 j 06:01	0°♓	
evening rise	-1771 Mar 18 j 11:05	22°♓26'34	
	-1771 Mar 24 j 14:40	0°♈	
asc. node	-1771 Apr 10 j 05:22	20°♈21'20	
	-1771 Apr 18 j 02:49	0°♉	
	-1771 May 12 j 18:48	0°♊	
	-1771 Jun 06 j 15:28	0°♋	
	-1771 Jul 01 j 19:06	0°♌	
	-1771 Jul 27 j 10:39	0°♍	
desc. node	-1771 Jul 30 j 20:34	3°♍55'31	
	-1771 Aug 23 j 01:28	0°♎	
evening max el	-1771 Sep 13 j 09:54	22°♎26'55	47°15'47
	-1771 Sep 21 j 04:38	0°♏	
greatest brilliancy	-1771 Oct 24 j 03:15	23°♏28'15	-4.9m
retrograde	-1771 Nov 03 j 00:00	25°♏19'01	
evening set	-1771 Nov 17 j 08:32	21°♏11'08	
asc. node	-1771 Nov 20 j 21:40	19°♏08'46	
min. Earth dist.	-1771 Nov 23 j 00:17	17°♏51'32	0.26420 AU
inferior conj	-1771 Nov 23 j 12:49	17°♏32'15	0°40'47
minimum elong	-1771 Nov 23 j 11:17	17°♏34'36	0°40'15
morning rise	-1771 Nov 29 j 14:35	13°♏58'38	
direct	-1771 Dec 13 j 19:44	9°♏56'50	
greatest brilliancy	-1771 Dec 23 j 09:28	11°♏41'40	-4.9m
	-1770 Jan 19 j 21:53	0°♐	
morning max el	-1770 Feb 01 j 17:25	12°♐02'44	46°28'58
	-1770 Feb 19 j 02:20	0°♑	
desc. node	-1770 Mar 12 j 13:51	23°♑39'48	
	-1770 Mar 18 j 04:20	0°♒	
	-1770 Apr 13 j 04:36	0°♓	
	-1770 May 08 j 15:23	0°♈	
	-1770 Jun 02 j 16:37	0°♉	
	-1770 Jun 27 j 09:25	0°♊	
asc. node	-1770 Jul 03 j 15:02	7°♊38'22	
	-1770 Jul 21 j 18:18	0°♋	
morning set	-1770 Jul 29 j 22:11	10°♋07'48	
	-1770 Aug 14 j 20:37	0°♌	
max. Earth dist.	-1770 Sep 02 j 14:44	23°♌30'42	1.71466 AU
superior conj	-1770 Sep 05 j 11:32	27°♌06'46	1°22'11
minimum elong	-1770 Sep 05 j 16:03	27°♌20'59	1°22'10
	-1770 Sep 07 j 18:40	0°♍	
	-1770 Oct 01 j 15:07	0°♎	
evening rise	-1770 Oct 15 j 12:15	17°♎27'07	
desc. node	-1770 Oct 23 j 06:36	27°♎12'22	
	-1770 Oct 25 j 12:00	0°♏	

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

	-1770 Nov 18 j 10:35	0°♐	
	-1770 Dec 12 j 12:03	0°♑	
	-1769 Jan 05 j 18:35	0°♒	
	-1769 Jan 30 j 10:20	0°♓	
asc. node	-1769 Feb 13 j 07:26	16°♓33'50	
	-1769 Feb 24 j 18:21	0°♈	
	-1769 Mar 23 j 08:05	0°♉	
evening max el	-1769 Apr 18 j 08:16	26°♉46'58	45°12'52
	-1769 Apr 21 j 18:19	0°♊	
greatest brilliancy	-1769 May 26 j 05:01	24°♊09'53	-4.7m
desc. node	-1769 Jun 04 j 22:58	26°♊07'27	
retrograde	-1769 Jun 05 j 16:50	26°♊08'05	
evening set	-1769 Jun 21 j 01:23	21°♊41'00	
inferior conj	-1769 Jun 27 j 02:06	18°♊07'22	-4°54'17
minimum elong	-1769 Jun 26 j 16:48	18°♊21'43	4°51'58
min. Earth dist.	-1769 Jun 27 j 08:58	17°♊56'47	0.28569 AU
morning rise	-1769 Jul 02 j 07:40	14°♊58'31	
direct	-1769 Jul 18 j 15:19	9°♊55'15	
greatest brilliancy	-1769 Jul 29 j 14:50	12°♊05'02	-4.8m
	-1769 Aug 25 j 08:40	0°♋	
morning max el	-1769 Sep 06 j 12:06	11°♋25'54	46°29'09
	-1769 Sep 24 j 04:06	0°♌	
asc. node	-1769 Sep 26 j 00:23	2°♌02'02	
	-1769 Oct 20 j 08:28	0°♍	
	-1769 Nov 14 j 06:24	0°♎	
	-1769 Dec 08 j 16:31	0°♏	
	-1768 Jan 01 j 23:13	0°♐	
desc. node	-1768 Jan 15 j 16:14	16°♐56'37	
	-1768 Jan 26 j 06:03	0°♑	
	-1768 Feb 19 j 14:03	0°♒	
morning set	-1768 Mar 12 j 23:12	27°♒32'09	
	-1768 Mar 14 j 23:18	0°♓	
	-1768 Apr 08 j 09:31	0°♈	
superior conj	-1768 Apr 18 j 23:47	13°♈00'22	-0°42'11
minimum elong	-1768 Apr 19 j 07:23	13°♈23'41	0°41'51
max. Earth dist.	-1768 Apr 18 j 19:02	12°♈45'47	1.73667 AU
	-1768 May 02 j 20:06	0°♉	
asc. node	-1768 May 07 j 17:16	5°♉59'35	
evening rise	-1768 May 25 j 03:04	27°♉22'10	
	-1768 May 27 j 06:28	0°♊	
	-1768 Jun 20 j 16:22	0°♋	
	-1768 Jul 15 j 02:28	0°♌	
	-1768 Aug 08 j 14:19	0°♍	
desc. node	-1768 Aug 27 j 08:43	22°♍51'31	
	-1768 Sep 02 j 06:04	0°♎	
	-1768 Sep 27 j 04:53	0°♏	
	-1768 Oct 22 j 17:41	0°♐	
	-1768 Nov 18 j 17:05	0°♑	
evening max el	-1768 Nov 24 j 03:49	5°♑40'03	47°15'02
asc. node	-1768 Dec 18 j 09:39	27°♑48'12	
	-1768 Dec 21 j 09:19	0°♒	
greatest brilliancy	-1767 Jan 03 j 12:15	7°♒23'12	-4.9m
retrograde	-1767 Jan 14 j 04:24	9°♒34'18	
evening set	-1767 Jan 31 j 16:21	3°♒33'41	
min. Earth dist.	-1767 Feb 03 j 13:01	1°♒46'19	0.28267 AU
inferior conj	-1767 Feb 04 j 07:28	1°♒17'01	8°22'12
minimum elong	-1767 Feb 04 j 03:49	1°♒22'48	8°21'58
	-1767 Feb 06 j 08:12	30°℞♑	
morning rise	-1767 Feb 07 j 15:33	29°♑11'31	
direct	-1767 Feb 25 j 06:50	23°♑10'46	
greatest brilliancy	-1767 Mar 06 j 06:46	24°♑40'36	-4.8m
	-1767 Mar 17 j 13:07	0°♒	
desc. node	-1767 Apr 09 j 01:22	17°♒32'58	
morning max el	-1767 Apr 15 j 04:54	23°♒17'03	45°52'30
	-1767 Apr 22 j 01:41	0°♓	
	-1767 May 20 j 10:07	0°♈	
	-1767 Jun 15 j 21:18	0°♉	
	-1767 Jul 11 j 08:42	0°♊	
asc. node	-1767 Jul 31 j 02:53	23°♊51'19	
	-1767 Aug 05 j 03:39	0°♋	
	-1767 Aug 29 j 10:35	0°♌	
	-1767 Sep 22 j 09:43	0°♍	
greatest brilliancy	-1767 Sep 28 j 19:37	8°♍04'11	-3.9m
morning set	-1767 Oct 10 j 06:20	22°♍29'38	
	-1767 Oct 16 j 05:10	0°♎	
	-1767 Nov 09 j 00:07	0°♏	
desc. node	-1767 Nov 19 j 18:30	13°♏33'16	
superior conj	-1767 Nov 20 j 11:54	14°♏28'05	-0°01'44
minimum elong	-1767 Nov 20 j 11:26	14°♏26'34	0°01'44
behind sun begin	-1767 Nov 19 j 08:35	13°♏02'07	
behind sun end	-1767 Nov 21 j 14:16	15°♏51'01	
max. Earth dist.	-1767 Nov 23 j 15:29	18°♏25'45	1.71085 AU
	-1767 Dec 02 j 20:29	0°♐	
	-1767 Dec 26 j 19:13	0°♑	
evening rise	-1766 Jan 01 j 11:41	7°♑06'03	
	-1766 Jan 19 j 21:09	0°♒	
	-1766 Feb 13 j 03:39	0°♓	
	-1766 Mar 09 j 16:45	0°♈	
asc. node	-1766 Mar 12 j 19:25	3°♈46'18	
	-1766 Apr 03 j 15:10	0°♉	
	-1766 Apr 29 j 02:55	0°♊	
	-1766 May 25 j 12:12	0°♋	
	-1766 Jun 22 j 18:18	0°♌	
evening max el	-1766 Jun 29 j 06:04	6°♌22'05	45°54'31
desc. node	-1766 Jul 02 j 10:51	9°♌24'06	
	-1766 Jul 28 j 07:58	0°♍	
greatest brilliancy	-1766 Aug 08 j 08:49	5°♍11'07	-4.8m
retrograde	-1766 Aug 17 j 12:38	6°♍42'48	
evening set	-1766 Sep 04 j 07:05	0°♍48'55	
	-1766 Sep 05 j 16:00	30°℞♌	
inferior conj	-1766 Sep 07 j 08:04	28°♌59'25	-8°37'51
minimum elong	-1766 Sep 07 j 13:31	28°♌51'10	8°37'24
min. Earth dist.	-1766 Sep 07 j 23:49	28°♌35'32	0.27238 AU
morning rise	-1766 Sep 10 j 19:47	26°♌54'01	
direct	-1766 Sep 28 j 04:06	21°♌10'14	
greatest brilliancy	-1766 Oct 09 j 02:31	23°♌25'54	-4.9m
	-1766 Oct 21 j 00:01	0°♍	
asc. node	-1766 Oct 23 j 11:56	1°♍46'36	
morning max el	-1766 Nov 18 j 01:10	24°♍51'09	46°54'46
	-1766 Nov 22 j 23:59	0°♎	
	-1766 Dec 19 j 23:57	0°♏	
	-1765 Jan 14 j 14:12	0°♐	
	-1765 Feb 08 j 16:43	0°♑	
desc. node	-1765 Feb 12 j 04:04	4°♑10'23	
	-1765 Mar 05 j 14:27	0°♒	
	-1765 Mar 30 j 09:31	0°♓	
	-1765 Apr 24 j 02:18	0°♈	
	-1765 May 18 j 16:20	0°♉	
morning set	-1765 May 20 j 20:28	2°♉39'30	
asc. node	-1765 Jun 05 j 05:16	21°♉30'26	
	-1765 Jun 12 j 02:55	0°♊	
max. Earth dist.	-1765 Jun 22 j 07:41	12°♊34'29	1.73134 AU
superior conj	-1765 Jun 25 j 22:44	17°♊03'20	0°46'20
minimum elong	-1765 Jun 25 j 14:53	16°♊39'05	0°46'02
	-1765 Jul 06 j 09:43	0°♋	
	-1765 Jul 30 j 13:20	0°♌	
evening rise	-1765 Jul 31 j 23:29	1°♌46'17	
	-1765 Aug 23 j 15:15	0°♍	
	-1765 Sep 16 j 17:17	0°♎	
desc. node	-1765 Sep 24 j 20:37	10°♎07'11	
	-1765 Oct 10 j 21:03	0°♏	

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

	-1765 Nov 04 j 04:14	0°♐		
	-1765 Nov 28 j 18:02	0°♑		
	-1765 Dec 23 j 21:59	0°♒		
asc. node	-1764 Jan 15 j 21:32	26°♒08'43		
	-1764 Jan 19 j 10:24	0°♓		
evening max el	-1764 Feb 04 j 08:42	16°♓33'12	45°57'48	
	-1764 Feb 18 j 22:24	0°♈		
greatest brilliancy	-1764 Mar 13 j 18:15	15°♈23'30	-4.7m	
retrograde	-1764 Mar 24 j 14:00	17°♈31'03		
evening set	-1764 Apr 09 j 16:59	12°♈29'22		
inferior conj	-1764 Apr 15 j 00:16	9°♈13'57	4°41'33	
minimum elong	-1764 Apr 15 j 08:46	9°♈00'29	4°39'32	
min. Earth dist.	-1764 Apr 15 j 09:07	8°♈59'56	0.29141 AU	
morning rise	-1764 Apr 21 j 00:38	5°♈34'22		
direct	-1764 May 06 j 17:34	0°♈51'34		
desc. node	-1764 May 06 j 13:06	0°♈51'36		
greatest brilliancy	-1764 May 17 j 01:11	2°♈46'38	-4.7m	
	-1764 Jun 23 j 20:10	0°♉		
morning max el	-1764 Jun 24 j 15:06	0°♉45'10	45°51'42	
	-1764 Jul 22 j 19:36	0°♊		
	-1764 Aug 18 j 03:10	0°♋		
asc. node	-1764 Aug 27 j 14:44	11°♋13'21		
	-1764 Sep 12 j 04:29	0°♌		
	-1764 Oct 06 j 12:57	0°♍		
	-1764 Oct 30 j 13:01	0°♎		
	-1764 Nov 23 j 10:27	0°♏		
desc. node	-1764 Dec 17 j 06:25	29°♏53'16		
	-1764 Dec 17 j 08:35	0°♐		
morning set	-1764 Dec 26 j 09:21	11°♐18'07		
	-1763 Jan 10 j 08:46	0°♑		
	-1763 Feb 03 j 11:27	0°♒		
superior conj	-1763 Feb 05 j 09:38	2°♒23'16	-1°23'22	
minimum elong	-1763 Feb 05 j 05:48	2°♒11'24	1°23'22	
max. Earth dist.	-1763 Feb 09 j 06:37	7°♒11'37	1.72507 AU	
	-1763 Feb 27 j 16:55	0°♓		
evening rise	-1763 Mar 16 j 03:11	20°♓14'54		
	-1763 Mar 24 j 01:36	0°♈		
asc. node	-1763 Apr 09 j 07:24	19°♈53'49		
	-1763 Apr 17 j 13:55	0°♉		
	-1763 May 12 j 06:14	0°♊		
	-1763 Jun 06 j 03:29	0°♋		
	-1763 Jul 01 j 08:05	0°♌		
	-1763 Jul 27 j 01:19	0°♍		
desc. node	-1763 Jul 29 j 22:41	3°♍18'47		
	-1763 Aug 22 j 19:32	0°♎		
evening max el	-1763 Sep 10 j 22:34	19°♎59'44	47°13'44	
	-1763 Sep 21 j 09:00	0°♏		
greatest brilliancy	-1763 Oct 21 j 17:52	21°♏00'04	-4.9m	
retrograde	-1763 Oct 31 j 11:54	22°♏48'29		
evening set	-1763 Nov 14 j 21:25	18°♏40'33		
asc. node	-1763 Nov 19 j 23:54	15°♏41'41		
min. Earth dist.	-1763 Nov 20 j 14:34	15°♏19'09	0.26394 AU	
inferior conj	-1763 Nov 21 j 01:09	15°♏02'53	0°16'20	
minimum elong	-1763 Nov 21 j 00:32	15°♏03'50	0°16'07	
transit middle	-1763 Nov 21 j 00:32	15°♏03'50	0°16'07	
transit begin	-1763 Nov 20 j 23:23	15°♏05'37		
transit end	-1763 Nov 21 j 01:41	15°♏02'03		
morning rise	-1763 Nov 27 j 04:02	11°♏27'37		
direct	-1763 Dec 11 j 07:16	7°♏27'40		
greatest brilliancy	-1763 Dec 20 j 23:56	9°♏14'40	-4.9m	
	-1762 Jan 20 j 03:51	0°♐		
morning max el	-1762 Jan 30 j 05:46	9°♐36'22	46°30'34	
	-1762 Feb 18 j 20:30	0°♑		
desc. node	-1762 Mar 11 j 15:49	23°♑02'37		
	-1762 Mar 17 j 18:55	0°♒		
	-1762 Apr 12 j 17:30	0°♓		
	-1762 May 08 j 03:22	0°♈		
	-1762 Jun 02 j 04:05	0°♉		
	-1762 Jun 26 j 20:35	0°♊		
asc. node	-1762 Jul 02 j 17:08	7°♊10'38		
	-1762 Jul 21 j 05:21	0°♋		
morning set	-1762 Jul 27 j 14:38	7°♋55'25		
	-1762 Aug 14 j 07:38	0°♌		
max. Earth dist.	-1762 Aug 31 j 03:02	21°♌03'50	1.71517 AU	
superior conj	-1762 Sep 03 j 01:50	24°♌46'08	1°22'55	
minimum elong	-1762 Sep 03 j 05:33	24°♌57'50	1°22'54	
	-1762 Sep 07 j 05:46	0°♍		
	-1762 Oct 01 j 02:19	0°♎		
evening rise	-1762 Oct 12 j 22:34	14°♎53'22		
desc. node	-1762 Oct 22 j 08:41	26°♎43'21		
	-1762 Oct 24 j 23:21	0°♏		
	-1762 Nov 17 j 22:05	0°♐		
	-1762 Dec 11 j 23:45	0°♑		
	-1761 Jan 05 j 06:35	0°♒		
	-1761 Jan 29 j 22:54	0°♓		
asc. node	-1761 Feb 12 j 09:27	16°♓01'14		
	-1761 Feb 24 j 08:03	0°♈		
	-1761 Mar 23 j 00:23	0°♉		
evening max el	-1761 Apr 15 j 23:19	24°♉34'25	45°13'04	
	-1761 Apr 21 j 19:09	0°♊		
greatest brilliancy	-1761 May 23 j 18:55	21°♊57'07	-4.7m	
retrograde	-1761 Jun 03 j 08:28	23°♊57'03		
desc. node	-1761 Jun 04 j 01:06	23°♊56'30		
evening set	-1761 Jun 18 j 14:59	19°♊31'41		
inferior conj	-1761 Jun 24 j 17:41	15°♊55'28	-4°37'01	
minimum elong	-1761 Jun 24 j 08:44	16°♊09'15	4°34'44	
min. Earth dist.	-1761 Jun 25 j 00:34	15°♊44'52	0.28604 AU	
morning rise	-1761 Jun 30 j 01:56	12°♊42'59		
direct	-1761 Jul 16 j 07:14	7°♊42'30		
greatest brilliancy	-1761 Jul 27 j 07:09	9°♊52'52	-4.8m	
	-1761 Aug 25 j 12:38	0°♋		
morning max el	-1761 Sep 04 j 03:49	9°♋10'12	46°27'45	
	-1761 Sep 23 j 21:35	0°♌		
asc. node	-1761 Sep 25 j 02:24	1°♌19'52		
	-1761 Oct 19 j 23:00	0°♍		
	-1761 Nov 13 j 19:36	0°♎		
	-1761 Dec 08 j 04:59	0°♏		
	-1760 Jan 01 j 11:13	0°♐		
desc. node	-1760 Jan 14 j 18:17	16°♐26'29		
	-1760 Jan 25 j 17:41	0°♑		
	-1760 Feb 19 j 01:26	0°♒		
morning set	-1760 Mar 10 j 14:55	25°♒18'28		
	-1760 Mar 14 j 10:29	0°♓		
	-1760 Apr 07 j 20:32	0°♈		
superior conj	-1760 Apr 16 j 17:44	10°♈54'26	-0°44'54	
minimum elong	-1760 Apr 17 j 01:41	11°♈18'49	0°44'33	
max. Earth dist.	-1760 Apr 16 j 16:28	10°♈50'34	1.73653 AU	
	-1760 May 02 j 07:05	0°♉		
asc. node	-1760 May 06 j 19:28	5°♉32'39		
evening rise	-1760 May 22 j 22:27	25°♉20'31		
	-1760 May 26 j 17:30	0°♊		
	-1760 Jun 20 j 03:36	0°♋		
	-1760 Jul 14 j 14:05	0°♌		
	-1760 Aug 08 j 02:29	0°♍		
desc. node	-1760 Aug 26 j 10:39	22°♍18'56		
	-1760 Sep 01 j 18:59	0°♎		
	-1760 Sep 26 j 18:55	0°♏		
	-1760 Oct 22 j 09:42	0°♐		
	-1760 Nov 18 j 13:55	0°♑		
evening max el	-1760 Nov 21 j 19:32	3°♑20'38	47°16'58	
asc. node	-1760 Dec 17 j 11:46	26°♑33'44		

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

	-1760 Dec	22 j 11:12	0°♒				-1757 Apr	23 j 13:32	0°♈	
greatest brilliancy	-1759 Jan	01 j 03:28	5°♒03'55	-4.9m			-1757 May	18 j 03:23	0°♉	
retrograde	-1759 Jan	11 j 20:44	7°♒16'00			morning set	-1757 May	18 j 15:08	0°♉35'56	
evening set	-1759 Jan	29 j 05:31	1°♒18'49			asc. node	-1757 Jun	04 j 07:22	21°♉03'04	
	-1759 Jan	31 j 08:17	30°℞♑				-1757 Jun	11 j 13:55	0°♊	
min. Earth dist.	-1759 Feb	01 j 02:58	29°♑30'27	0.28203 AU		max. Earth dist.	-1757 Jun	20 j 01:28	10°♊27'21	1.73177 AU
inferior conj	-1759 Feb	01 j 22:45	28°♑59'05	8°18'20						
minimum elong	-1759 Feb	01 j 18:24	29°♑05'59	8°18'01		superior conj	-1757 Jun	23 j 17:16	14°♊58'21	0°43'41
morning rise	-1759 Feb	05 j 07:35	26°♑52'44			minimum elong	-1757 Jun	23 j 09:42	14°♊35'01	0°43'24
direct	-1759 Feb	22 j 21:37	20°♑53'53				-1757 Jul	05 j 20:44	0°♋	
greatest brilliancy	-1759 Mar	03 j 20:07	22°♑23'02	-4.8m		evening rise	-1757 Jul	29 j 16:37	29°♋35'38	
	-1759 Mar	18 j 16:39	0°♒				-1757 Jul	30 j 00:27	0°♌	
desc. node	-1759 Apr	08 j 03:30	16°♒39'02				-1757 Aug	23 j 02:33	0°♍	
morning max el	-1759 Apr	12 j 21:06	21°♒05'49	45°53'20			-1757 Sep	16 j 04:52	0°♎	
	-1759 Apr	21 j 22:03	0°♓			desc. node	-1757 Sep	23 j 22:47	9°♎37'34	
	-1759 May	20 j 01:23	0°♈				-1757 Oct	10 j 09:01	0°♏	
	-1759 Jun	15 j 10:31	0°♉				-1757 Nov	03 j 16:41	0°♐	
	-1759 Jul	10 j 20:54	0°♊				-1757 Nov	28 j 07:13	0°♑	
asc. node	-1759 Jul	30 j 04:56	23°♊21'41				-1757 Dec	23 j 12:32	0°♒	
	-1759 Aug	04 j 15:20	0°♋			asc. node	-1756 Jan	14 j 23:33	25°♒27'25	
	-1759 Aug	28 j 22:02	0°♌				-1756 Jan	19 j 04:12	0°♓	
	-1759 Sep	21 j 21:05	0°♍			evening max el	-1756 Feb	01 j 23:37	14°♓17'21	46°00'26
greatest brilliancy	-1759 Sep	28 j 08:08	8°♍07'49	-3.9m			-1756 Feb	19 j 05:45	0°♈	
morning set	-1759 Oct	07 j 18:19	20°♍00'22			greatest brilliancy	-1756 Mar	11 j 11:58	13°♈15'51	-4.7m
	-1759 Oct	15 j 16:31	0°♎			retrograde	-1756 Mar	22 j 06:19	15°♈22'33	
	-1759 Nov	08 j 11:28	0°♏			evening set	-1756 Apr	07 j 12:13	10°♈17'21	
						inferior conj	-1756 Apr	12 j 17:04	7°♈05'15	4°57'16
superior conj	-1759 Nov	17 j 20:48	11°♏49'18	0°02'23		minimum elong	-1756 Apr	13 j 01:49	6°♈51'23	4°55'15
minimum elong	-1759 Nov	17 j 21:26	11°♏51'19	0°02'19		min. Earth dist.	-1756 Apr	13 j 01:52	6°♈51'19	0.29141 AU
behind sun begin	-1759 Nov	16 j 18:42	10°♏27'12			morning rise	-1756 Apr	18 j 15:28	3°♈27'57	
behind sun end	-1759 Nov	19 j 00:10	13°♏15'26				-1756 Apr	26 j 07:55	30°℞♓	
desc. node	-1759 Nov	18 j 20:40	13°♏04'25			direct	-1756 May	04 j 09:45	28°♓42'55	
max. Earth dist.	-1759 Nov	21 j 00:05	15°♏46'09	1.71059 AU		desc. node	-1756 May	05 j 15:18	28°♓44'40	
	-1759 Dec	02 j 07:50	0°♐				-1756 May	12 j 19:18	0°♈	
	-1759 Dec	26 j 06:34	0°♑			greatest brilliancy	-1756 May	14 j 16:56	0°♈37'07	-4.7m
evening rise	-1759 Dec	29 j 22:02	4°♑33'11			morning max el	-1756 Jun	22 j 06:16	28°♈32'44	45°50'58
	-1758 Jan	19 j 08:32	0°♒				-1756 Jun	23 j 18:32	0°♉	
	-1758 Feb	12 j 15:08	0°♓				-1756 Jul	22 j 11:24	0°♊	
	-1758 Mar	09 j 04:31	0°♈				-1756 Aug	17 j 16:42	0°♋	
asc. node	-1758 Mar	11 j 21:30	3°♈16'47			asc. node	-1756 Aug	26 j 16:46	10°♋40'32	
	-1758 Apr	03 j 03:32	0°♉				-1756 Sep	11 j 16:56	0°♌	
	-1758 Apr	28 j 16:24	0°♊				-1756 Oct	06 j 00:51	0°♍	
	-1758 May	25 j 03:59	0°♋				-1756 Oct	30 j 00:36	0°♎	
	-1758 Jun	22 j 16:01	0°♌				-1756 Nov	22 j 21:52	0°♏	
evening max el	-1758 Jun	26 j 20:28	4°♌04'29	45°51'56		desc. node	-1756 Dec	16 j 08:28	29°♏24'17	
desc. node	-1758 Jul	01 j 12:56	8°♌29'15				-1756 Dec	16 j 19:53	0°♐	
	-1758 Jul	30 j 03:45	0°♍			morning set	-1756 Dec	23 j 19:21	8°♐44'10	
greatest brilliancy	-1758 Aug	05 j 20:27	2°♍47'10	-4.8m			-1755 Jan	09 j 19:57	0°♑	
retrograde	-1758 Aug	15 j 01:02	4°♍19'01							
	-1758 Aug	30 j 00:58	30°℞♌			superior conj	-1755 Feb	02 j 22:37	0°♒00'17	-1°22'39
evening set	-1758 Sep	01 j 21:27	28°♌23'03			minimum elong	-1755 Feb	02 j 17:55	29°♑45'43	1°22'38
inferior conj	-1758 Sep	04 j 21:05	26°♌35'18	-8°42'46			-1755 Feb	02 j 22:31	0°♒	
minimum elong	-1758 Sep	05 j 01:42	26°♌28'17	8°42'27		max. Earth dist.	-1755 Feb	06 j 21:03	4°♒53'15	1.72449 AU
min. Earth dist.	-1758 Sep	05 j 12:30	26°♌11'51	0.27295 AU			-1755 Feb	27 j 03:55	0°♓	
morning rise	-1758 Sep	08 j 05:47	24°♌34'01			evening rise	-1755 Mar	13 j 18:43	18°♓01'06	
direct	-1758 Sep	25 j 18:09	18°♌45'26				-1755 Mar	23 j 12:38	0°♈	
greatest brilliancy	-1758 Oct	06 j 16:03	21°♌00'12	-4.9m		asc. node	-1755 Apr	08 j 09:35	19°♈26'34	
	-1758 Oct	21 j 22:45	0°♍				-1755 Apr	17 j 01:06	0°♉	
asc. node	-1758 Oct	22 j 14:12	0°♍29'10				-1755 May	11 j 17:46	0°♊	
morning max el	-1758 Nov	15 j 14:36	22°♍24'05	46°54'32			-1755 Jun	05 j 15:37	0°♋	
	-1758 Nov	22 j 20:50	0°♎				-1755 Jun	30 j 21:13	0°♌	
	-1758 Dec	19 j 15:58	0°♏				-1755 Jul	26 j 16:13	0°♍	
	-1757 Jan	14 j 04:11	0°♐			desc. node	-1755 Jul	29 j 00:42	2°♍41'20	
	-1757 Feb	08 j 05:34	0°♑				-1755 Aug	22 j 14:03	0°♎	
desc. node	-1757 Feb	11 j 06:06	3°♑38'13			evening max el	-1755 Sep	08 j 11:01	17°♎32'21	47°11'48
	-1757 Mar	05 j 02:33	0°♒				-1755 Sep	21 j 15:11	0°♏	
	-1757 Mar	29 j 21:07	0°♓			greatest brilliancy	-1755 Oct	19 j 08:14	18°♏32'14	-4.9m

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

retrograde	-1755 Oct 29 j 00:02	20°♏19'00	
evening set	-1755 Nov 12 j 10:35	16°♏10'17	
min. Earth dist.	-1755 Nov 18 j 04:49	12°♏47'50	0.26372 AU
inferior conj	-1755 Nov 18 j 13:35	12°♏34'23	-0°07'59
minimum elong	-1755 Nov 18 j 13:54	12°♏33'55	0°07'54
transit middle	-1755 Nov 18 j 13:54	12°♏33'55	0°07'54
transit begin	-1755 Nov 18 j 10:18	12°♏39'25	
transit end	-1755 Nov 18 j 17:29	12°♏28'25	
asc. node	-1755 Nov 19 j 01:55	12°♏15'29	
morning rise	-1755 Nov 24 j 17:26	8°♏57'58	
direct	-1755 Dec 08 j 18:59	4°♏59'11	
greatest brilliancy	-1755 Dec 18 j 14:28	6°♏48'37	-4.9m
	-1754 Jan 20 j 07:39	0°♐	
morning max el	-1754 Jan 27 j 19:01	7°♐12'37	46°31'59
	-1754 Feb 18 j 14:07	0°♑	
desc. node	-1754 Mar 10 j 17:58	22°♑26'29	
	-1754 Mar 17 j 09:17	0°♒	
	-1754 Apr 12 j 06:17	0°♓	
	-1754 May 07 j 15:16	0°♈	
	-1754 Jun 01 j 15:27	0°♉	
	-1754 Jun 26 j 07:39	0°♊	
asc. node	-1754 Jul 01 j 19:09	6°♊42'58	
	-1754 Jul 20 j 16:17	0°♋	
morning set	-1754 Jul 25 j 07:03	5°♋43'25	
	-1754 Aug 13 j 18:34	0°♌	
max. Earth dist.	-1754 Aug 28 j 15:58	18°♌39'21	1.71569 AU
superior conj	-1754 Aug 31 j 16:14	22°♌26'07	1°23'30
minimum elong	-1754 Aug 31 j 19:08	22°♌35'13	1°23'30
	-1754 Sep 06 j 16:46	0°♍	
	-1754 Sep 30 j 13:26	0°♎	
evening rise	-1754 Oct 10 j 09:09	12°♎20'52	
desc. node	-1754 Oct 21 j 10:52	26°♎15'05	
	-1754 Oct 24 j 10:33	0°♏	
	-1754 Nov 17 j 09:23	0°♐	
	-1754 Dec 11 j 11:12	0°♑	
	-1753 Jan 04 j 18:20	0°♒	
	-1753 Jan 29 j 11:14	0°♓	
asc. node	-1753 Feb 11 j 11:31	15°♓29'27	
	-1753 Feb 23 j 21:36	0°♈	
	-1753 Mar 22 j 16:46	0°♉	
evening max el	-1753 Apr 13 j 15:20	22°♉24'45	45°13'19
	-1753 Apr 21 j 21:05	0°♊	
greatest brilliancy	-1753 May 21 j 08:45	19°♊45'03	-4.7m
retrograde	-1753 Jun 01 j 00:27	21°♊46'40	
desc. node	-1753 Jun 03 j 03:08	21°♊41'27	
evening set	-1753 Jun 16 j 04:53	17°♊23'04	
inferior conj	-1753 Jun 22 j 09:18	13°♊44'15	-4°19'22
minimum elong	-1753 Jun 22 j 00:45	13°♊57'26	4°17'08
min. Earth dist.	-1753 Jun 22 j 15:55	13°♊34'05	0.28636 AU
morning rise	-1753 Jun 27 j 20:09	10°♊28'19	
direct	-1753 Jul 13 j 23:40	5°♊30'44	
greatest brilliancy	-1753 Jul 24 j 22:51	7°♊40'54	-4.8m
	-1753 Aug 25 j 14:42	0°♋	
morning max el	-1753 Sep 01 j 19:57	6°♋56'30	46°26'15
	-1753 Sep 23 j 14:28	0°♌	
asc. node	-1753 Sep 24 j 04:40	0°♌39'33	
	-1753 Oct 19 j 13:08	0°♍	
	-1753 Nov 13 j 08:29	0°♎	
	-1753 Dec 07 j 17:08	0°♏	
	-1753 Dec 31 j 22:51	0°♐	
desc. node	-1752 Jan 13 j 20:20	15°♐57'29	
	-1752 Jan 25 j 04:57	0°♑	
	-1752 Feb 18 j 12:25	0°♒	
morning set	-1752 Mar 08 j 06:50	23°♒06'30	
	-1752 Mar 13 j 21:16	0°♓	
	-1752 Apr 07 j 07:13	0°♈	
superior conj	-1752 Apr 14 j 11:45	8°♈49'40	-0°47'32
minimum elong	-1752 Apr 14 j 20:00	9°♈15'01	0°47'12
max. Earth dist.	-1752 Apr 14 j 15:21	9°♈00'42	1.73642 AU
	-1752 May 01 j 17:44	0°♉	
asc. node	-1752 May 05 j 21:33	5°♉06'19	
evening rise	-1752 May 20 j 17:49	23°♉19'45	
	-1752 May 26 j 04:14	0°♊	
	-1752 Jun 19 j 14:34	0°♋	
	-1752 Jul 14 j 01:25	0°♌	
	-1752 Aug 07 j 14:22	0°♍	
desc. node	-1752 Aug 25 j 12:50	21°♍47'55	
	-1752 Sep 01 j 07:38	0°♎	
	-1752 Sep 26 j 08:44	0°♏	
	-1752 Oct 22 j 01:37	0°♐	
	-1752 Nov 18 j 11:03	0°♑	
evening max el	-1752 Nov 19 j 12:12	1°♑04'32	47°18'49
asc. node	-1752 Dec 16 j 13:50	25°♑18'09	
	-1752 Dec 23 j 22:55	0°♒	
greatest brilliancy	-1752 Dec 29 j 19:03	2°♒46'20	-4.9m
retrograde	-1751 Jan 09 j 13:11	4°♒58'55	
	-1751 Jan 25 j 06:14	30°℞♑	
evening set	-1751 Jan 26 j 18:37	29°♑05'52	
min. Earth dist.	-1751 Jan 29 j 17:00	27°♑16'08	0.28131 AU
inferior conj	-1751 Jan 30 j 14:08	26°♑42'39	8°13'46
minimum elong	-1751 Jan 30 j 09:05	26°♑50'38	8°13'20
morning rise	-1751 Feb 02 j 23:56	24°♑35'02	
direct	-1751 Feb 20 j 12:47	18°♑38'49	
greatest brilliancy	-1751 Mar 01 j 09:17	20°♑06'49	-4.8m
	-1751 Mar 19 j 11:56	0°♒	
desc. node	-1751 Apr 07 j 05:42	15°♒47'53	
morning max el	-1751 Apr 10 j 12:55	18°♒55'11	45°54'05
	-1751 Apr 21 j 17:12	0°♓	
	-1751 May 19 j 15:57	0°♈	
	-1751 Jun 14 j 23:14	0°♉	
	-1751 Jul 10 j 08:42	0°♊	
asc. node	-1751 Jul 29 j 07:05	22°♊53'24	
	-1751 Aug 04 j 02:40	0°♋	
	-1751 Aug 28 j 09:07	0°♌	
	-1751 Sep 21 j 08:05	0°♍	
greatest brilliancy	-1751 Sep 27 j 11:28	7°♍43'46	-3.9m
morning set	-1751 Oct 05 j 06:23	17°♍32'34	
	-1751 Oct 15 j 03:29	0°♎	
	-1751 Nov 07 j 22:27	0°♏	
superior conj	-1751 Nov 15 j 05:48	9°♏12'01	0°06'25
minimum elong	-1751 Nov 15 j 07:32	9°♏17'28	0°06'18
behind sun begin	-1751 Nov 14 j 06:28	7°♏58'33	
behind sun end	-1751 Nov 16 j 08:37	10°♏36'23	
desc. node	-1751 Nov 17 j 22:40	12°♏36'06	
max. Earth dist.	-1751 Nov 18 j 07:28	13°♏03'46	1.71035 AU
	-1751 Dec 01 j 18:50	0°♐	
	-1751 Dec 25 j 17:35	0°♑	
evening rise	-1751 Dec 27 j 08:19	2°♑01'00	
	-1750 Jan 18 j 19:33	0°♒	
	-1750 Feb 12 j 02:14	0°♓	
	-1750 Mar 08 j 15:52	0°♈	
asc. node	-1750 Mar 10 j 23:44	2°♈49'04	
	-1750 Apr 02 j 15:28	0°♉	
	-1750 Apr 28 j 05:31	0°♊	
	-1750 May 24 j 19:33	0°♋	
	-1750 Jun 22 j 14:06	0°♌	
evening max el	-1750 Jun 24 j 10:13	1°♌46'28	45°49'12
desc. node	-1750 Jun 30 j 14:59	7°♌34'18	
	-1750 Aug 02 j 03:05	0°♍	
greatest brilliancy	-1750 Aug 03 j 08:45	0°♍25'11	-4.8m
retrograde	-1750 Aug 12 j 13:02	1°♍56'48	
	-1750 Aug 22 j 12:18	30°℞♌	

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

evening set	-1750 Aug 30 j 11:29	25°♌59'27	
inferior conj	-1750 Sep 02 j 10:15	24°♌12'50	-8°46'35
minimum elong	-1750 Sep 02 j 13:59	24°♌07'09	8°46'23
min. Earth dist.	-1750 Sep 03 j 01:38	23°♌49'23	0.27352 AU
morning rise	-1750 Sep 05 j 16:18	22°♌15'10	
direct	-1750 Sep 23 j 07:50	16°♌22'07	
greatest brilliancy	-1750 Oct 04 j 06:19	18°♌36'44	-4.9m
asc. node	-1750 Oct 21 j 16:15	29°♌14'46	
	-1750 Oct 22 j 15:05	0°♍	
morning max el	-1750 Nov 13 j 03:05	19°♍55'39	46°54'18
	-1750 Nov 22 j 16:38	0°♎	
	-1750 Dec 19 j 07:23	0°♏	
	-1749 Jan 13 j 17:41	0°♐	
	-1749 Feb 07 j 17:59	0°♑	
desc. node	-1749 Feb 10 j 08:13	3°♑07'30	
	-1749 Mar 04 j 14:15	0°♒	
	-1749 Mar 29 j 08:18	0°♓	
	-1749 Apr 23 j 00:22	0°♈	
morning set	-1749 May 16 j 10:08	28°♈34'41	
	-1749 May 17 j 14:01	0°♉	
asc. node	-1749 Jun 03 j 09:24	20°♉36'46	
	-1749 Jun 11 j 00:30	0°♊	
max. Earth dist.	-1749 Jun 17 j 20:47	8°♊26'14	1.73223 AU
superior conj	-1749 Jun 21 j 12:08	12°♊55'43	0°41'01
minimum elong	-1749 Jun 21 j 04:54	12°♊33'26	0°40'45
	-1749 Jul 05 j 07:24	0°♋	
evening rise	-1749 Jul 27 j 10:05	27°♋27'07	
	-1749 Jul 29 j 11:16	0°♌	
	-1749 Aug 22 j 13:36	0°♍	
	-1749 Sep 15 j 16:13	0°♎	
desc. node	-1749 Sep 23 j 00:55	9°♎08'37	
	-1749 Oct 09 j 20:44	0°♏	
	-1749 Nov 03 j 04:54	0°♐	
	-1749 Nov 27 j 20:11	0°♑	
	-1749 Dec 23 j 02:56	0°♒	
asc. node	-1748 Jan 14 j 01:42	24°♒46'44	
	-1748 Jan 18 j 22:06	0°♓	
evening max el	-1748 Jan 30 j 13:55	12°♓00'37	46°03'09
	-1748 Feb 19 j 15:22	0°♈	
greatest brilliancy	-1748 Mar 09 j 05:36	11°♈08'55	-4.8m
retrograde	-1748 Mar 19 j 22:50	13°♈15'21	
evening set	-1748 Apr 05 j 07:33	8°♈06'16	
inferior conj	-1748 Apr 10 j 10:00	4°♈57'47	5°12'30
minimum elong	-1748 Apr 10 j 18:56	4°♈43'37	5°10'31
min. Earth dist.	-1748 Apr 10 j 18:46	4°♈43'53	0.29138 AU
morning rise	-1748 Apr 16 j 06:18	1°♈23'08	
	-1748 Apr 18 j 20:30	30°♓℞	
direct	-1748 May 02 j 01:46	26°♓35'24	
desc. node	-1748 May 04 j 17:15	26°♓43'21	
greatest brilliancy	-1748 May 12 j 09:12	28°♓29'27	-4.7m
	-1748 May 16 j 02:30	0°♈	
morning max el	-1748 Jun 19 j 21:44	26°♈22'16	45°50'24
	-1748 Jun 23 j 15:35	0°♉	
	-1748 Jul 22 j 02:35	0°♊	
	-1748 Aug 17 j 05:48	0°♋	
asc. node	-1748 Aug 25 j 18:59	10°♋09'16	
	-1748 Sep 11 j 05:06	0°♌	
	-1748 Oct 05 j 12:32	0°♍	
	-1748 Oct 29 j 12:03	0°♎	
	-1748 Nov 22 j 09:09	0°♏	
desc. node	-1748 Dec 15 j 10:32	28°♏55'52	
	-1748 Dec 16 j 07:01	0°♐	
morning set	-1748 Dec 21 j 05:00	6°♐09'26	
	-1747 Jan 09 j 06:57	0°♑	
superior conj	-1747 Jan 31 j 11:19	27°♑36'54	-1°21'47
minimum elong	-1747 Jan 31 j 05:46	27°♑19'39	1°21'44
	-1747 Feb 02 j 09:25	0°♒	
max. Earth dist.	-1747 Feb 04 j 09:38	2°♒29'35	1.72391 AU
	-1747 Feb 26 j 14:47	0°♓	
evening rise	-1747 Mar 11 j 10:11	15°♓47'33	
	-1747 Mar 22 j 23:32	0°♈	
asc. node	-1747 Apr 07 j 11:39	18°♈59'23	
	-1747 Apr 16 j 12:09	0°♉	
	-1747 May 11 j 05:08	0°♊	
	-1747 Jun 05 j 03:34	0°♋	
	-1747 Jun 30 j 10:12	0°♌	
	-1747 Jul 26 j 07:03	0°♍	
desc. node	-1747 Jul 28 j 02:52	2°♍04'43	
	-1747 Aug 22 j 08:50	0°♎	
evening max el	-1747 Sep 05 j 23:41	15°♎06'04	47°09'35
	-1747 Sep 21 j 23:39	0°♏	
greatest brilliancy	-1747 Oct 16 j 21:49	16°♏03'07	-4.9m
retrograde	-1747 Oct 26 j 12:20	17°♏49'00	
evening set	-1747 Nov 09 j 23:45	13°♏38'55	
inferior conj	-1747 Nov 16 j 01:47	10°♏04'58	-0°32'32
minimum elong	-1747 Nov 16 j 03:01	10°♏03'05	0°32'09
min. Earth dist.	-1747 Nov 15 j 18:37	10°♏15'56	0.26358 AU
asc. node	-1747 Nov 18 j 04:00	8°♏48'37	
morning rise	-1747 Nov 22 j 06:27	6°♏27'55	
direct	-1747 Dec 06 j 07:03	2°♏29'41	
greatest brilliancy	-1747 Dec 16 j 04:33	4°♏21'24	-4.9m
	-1746 Jan 20 j 09:59	0°♐	
morning max el	-1746 Jan 25 j 08:59	4°♐50'15	46°33'27
	-1746 Feb 18 j 07:24	0°♑	
desc. node	-1746 Mar 09 j 20:08	21°♑50'37	
	-1746 Mar 16 j 23:29	0°♒	
	-1746 Apr 11 j 18:59	0°♓	
	-1746 May 07 j 03:06	0°♈	
	-1746 Jun 01 j 02:47	0°♉	
	-1746 Jun 25 j 18:40	0°♊	
asc. node	-1746 Jun 30 j 21:21	6°♊16'01	
	-1746 Jul 20 j 03:09	0°♋	
morning set	-1746 Jul 23 j 00:05	3°♋33'40	
	-1746 Aug 13 j 05:25	0°♌	
max. Earth dist.	-1746 Aug 26 j 06:04	16°♌18'48	1.71620 AU
superior conj	-1746 Aug 29 j 07:12	20°♌08'13	1°23'55
minimum elong	-1746 Aug 29 j 09:17	20°♌14'46	1°23'56
	-1746 Sep 06 j 03:42	0°♍	
	-1746 Sep 30 j 00:31	0°♎	
evening rise	-1746 Oct 07 j 20:03	9°♎49'20	
desc. node	-1746 Oct 20 j 12:51	25°♎46'06	
	-1746 Oct 23 j 21:48	0°♏	
	-1746 Nov 16 j 20:49	0°♐	
	-1746 Dec 10 j 22:51	0°♑	
	-1745 Jan 04 j 06:19	0°♒	
	-1745 Jan 28 j 23:50	0°♓	
asc. node	-1745 Feb 10 j 13:45	14°♓57'24	
	-1745 Feb 23 j 11:28	0°♈	
	-1745 Mar 22 j 09:39	0°♉	
evening max el	-1745 Apr 11 j 07:47	20°♉15'43	45°13'41
	-1745 Apr 22 j 00:46	0°♊	
greatest brilliancy	-1745 May 18 j 23:11	17°♊33'24	-4.7m
retrograde	-1745 May 29 j 16:25	19°♊35'54	
desc. node	-1745 Jun 02 j 05:16	19°♊21'14	
evening set	-1745 Jun 13 j 19:04	15°♊14'13	
inferior conj	-1745 Jun 20 j 00:57	11°♊32'53	-4°01'27
minimum elong	-1745 Jun 19 j 16:50	11°♊45'24	3°59'18
min. Earth dist.	-1745 Jun 20 j 07:16	11°♊23'10	0.28662 AU
morning rise	-1745 Jun 25 j 14:15	8°♊13'31	
direct	-1745 Jul 11 j 16:16	3°♊19'03	
greatest brilliancy	-1745 Jul 22 j 13:58	5°♊28'10	-4.8m

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

	-1745 Aug 25 j 15:28	0°♋	
morning max el	-1745 Aug 30 j 11:41	4°♋42'01	46°24'50
asc. node	-1745 Sep 23 j 06:42	29°♋59'02	
	-1745 Sep 23 j 07:03	0°♌	
	-1745 Oct 19 j 03:10	0°♍	
	-1745 Nov 12 j 21:22	0°♎	
	-1745 Dec 07 j 05:23	0°♏	
	-1745 Dec 31 j 10:41	0°♐	
desc. node	-1744 Jan 12 j 22:30	15°♐28'04	
	-1744 Jan 24 j 16:28	0°♑	
	-1744 Feb 17 j 23:40	0°♒	
morning set	-1744 Mar 05 j 22:08	20°♒51'44	
	-1744 Mar 13 j 08:20	0°♓	
	-1744 Apr 06 j 18:09	0°♈	
superior conj	-1744 Apr 12 j 05:17	6°♈42'36	-0°50'08
minimum elong	-1744 Apr 12 j 13:49	7°♈08'48	0°49'48
max. Earth dist.	-1744 Apr 12 j 14:50	7°♈11'57	1.73624 AU
	-1744 May 01 j 04:38	0°♉	
asc. node	-1744 May 04 j 23:34	4°♉38'59	
evening rise	-1744 May 18 j 12:55	21°♉17'21	
	-1744 May 25 j 15:15	0°♊	
	-1744 Jun 19 j 01:49	0°♋	
	-1744 Jul 13 j 13:02	0°♌	
	-1744 Aug 07 j 02:29	0°♍	
desc. node	-1744 Aug 24 j 14:58	21°♍16'15	
	-1744 Aug 31 j 20:30	0°♎	
	-1744 Sep 25 j 22:48	0°♏	
	-1744 Oct 21 j 17:57	0°♐	
evening max el	-1744 Nov 17 j 04:23	28°♐46'29	47°20'13
	-1744 Nov 18 j 09:13	0°♑	
asc. node	-1744 Dec 15 j 15:59	23°♑59'08	
	-1744 Dec 26 j 07:56	0°♒	
greatest brilliancy	-1744 Dec 27 j 10:45	0°♒27'19	-4.9m
retrograde	-1743 Jan 07 j 04:56	2°♒39'34	
	-1743 Jan 18 j 12:00	30°℞♑	
evening set	-1743 Jan 24 j 07:12	26°♑51'17	
min. Earth dist.	-1743 Jan 27 j 07:04	24°♑59'14	0.28063 AU
inferior conj	-1743 Jan 28 j 05:14	24°♑24'05	8°08'17
minimum elong	-1743 Jan 27 j 23:32	24°♑33'07	8°07'44
morning rise	-1743 Jan 31 j 16:17	22°♑14'33	
direct	-1743 Feb 18 j 03:40	16°♑21'40	
greatest brilliancy	-1743 Feb 26 j 22:37	17°♑48'34	-4.8m
	-1743 Mar 20 j 03:07	0°♒	
desc. node	-1743 Apr 06 j 07:39	14°♒55'34	
morning max el	-1743 Apr 08 j 03:36	16°♒40'10	45°54'53
	-1743 Apr 21 j 12:22	0°♓	
	-1743 May 19 j 06:47	0°♈	
	-1743 Jun 14 j 12:15	0°♉	
	-1743 Jul 09 j 20:48	0°♊	
asc. node	-1743 Jul 28 j 09:11	22°♊24'04	
	-1743 Aug 03 j 14:17	0°♋	
	-1743 Aug 27 j 20:31	0°♌	
	-1743 Sep 20 j 19:22	0°♍	
greatest brilliancy	-1743 Sep 26 j 13:35	7°♍14'58	-3.9m
morning set	-1743 Oct 02 j 18:50	15°♍05'08	
	-1743 Oct 14 j 14:42	0°♎	
	-1743 Nov 07 j 09:39	0°♏	
superior conj	-1743 Nov 12 j 15:21	6°♏35'43	0°10'22
minimum elong	-1743 Nov 12 j 18:09	6°♏44'32	0°10'13
behind sun begin	-1743 Nov 11 j 20:55	5°♏37'41	
behind sun end	-1743 Nov 13 j 15:23	7°♏51'23	
max. Earth dist.	-1743 Nov 15 j 13:21	10°♏16'01	1.71011 AU
desc. node	-1743 Nov 17 j 00:47	12°♏07'29	
	-1743 Dec 01 j 06:03	0°♐	
evening rise	-1743 Dec 24 j 18:44	29°♐28'24	
	-1743 Dec 25 j 04:50	0°♑	
	-1742 Jan 18 j 06:53	0°♒	
	-1742 Feb 11 j 13:42	0°♓	
	-1742 Mar 08 j 03:40	0°♈	
asc. node	-1742 Mar 10 j 01:43	2°♈19'18	
	-1742 Apr 02 j 03:54	0°♉	
	-1742 Apr 27 j 19:13	0°♊	
	-1742 May 24 j 11:52	0°♋	
evening max el	-1742 Jun 21 j 22:52	29°♋24'36	45°46'39
	-1742 Jun 22 j 13:40	0°♌	
desc. node	-1742 Jun 29 j 17:09	6°♌37'04	
greatest brilliancy	-1742 Jul 31 j 21:05	28°♌02'04	-4.8m
retrograde	-1742 Aug 10 j 00:58	29°♌33'41	
evening set	-1742 Aug 28 j 01:03	23°♌35'14	
inferior conj	-1742 Aug 30 j 23:23	21°♌49'17	-8°49'33
minimum elong	-1742 Aug 31 j 02:11	21°♌45'01	8°49'26
min. Earth dist.	-1742 Aug 31 j 14:53	21°♌25'40	0.27407 AU
morning rise	-1742 Sep 03 j 03:07	19°♌54'54	
direct	-1742 Sep 20 j 21:07	13°♌57'28	
greatest brilliancy	-1742 Oct 01 j 21:00	16°♌12'48	-4.9m
asc. node	-1742 Oct 20 j 18:17	28°♌01'25	
	-1742 Oct 23 j 03:48	0°♍	
morning max el	-1742 Nov 10 j 15:34	17°♍26'14	46°54'18
	-1742 Nov 22 j 12:10	0°♎	
	-1742 Dec 18 j 22:50	0°♏	
	-1741 Jan 13 j 07:20	0°♐	
	-1741 Feb 07 j 06:37	0°♑	
desc. node	-1741 Feb 09 j 10:21	2°♑36'04	
	-1741 Mar 04 j 02:13	0°♒	
	-1741 Mar 28 j 19:49	0°♓	
	-1741 Apr 22 j 11:36	0°♈	
morning set	-1741 May 14 j 04:43	26°♈30'48	
	-1741 May 17 j 01:05	0°♉	
asc. node	-1741 Jun 02 j 11:36	20°♉09'42	
	-1741 Jun 10 j 11:30	0°♊	
max. Earth dist.	-1741 Jun 15 j 17:07	6°♊27'03	1.73267 AU
superior conj	-1741 Jun 19 j 06:37	10°♊50'43	0°38'16
minimum elong	-1741 Jun 18 j 23:45	10°♊29'33	0°38'00
	-1741 Jul 04 j 18:26	0°♋	
evening rise	-1741 Jul 25 j 03:24	25°♋17'04	
	-1741 Jul 28 j 22:27	0°♌	
	-1741 Aug 22 j 01:01	0°♍	
	-1741 Sep 15 j 03:57	0°♎	
desc. node	-1741 Sep 22 j 02:53	8°♎38'03	
	-1741 Oct 09 j 08:51	0°♏	
	-1741 Nov 02 j 17:30	0°♐	
	-1741 Nov 27 j 09:32	0°♑	
	-1741 Dec 22 j 17:45	0°♒	
asc. node	-1740 Jan 13 j 03:52	24°♒05'02	
	-1740 Jan 18 j 16:42	0°♓	
evening max el	-1740 Jan 28 j 04:07	9°♓42'55	46°05'54
	-1740 Feb 20 j 04:47	0°♈	
greatest brilliancy	-1740 Mar 06 j 22:26	9°♈00'10	-4.8m
retrograde	-1740 Mar 17 j 15:39	11°♈07'17	
evening set	-1740 Apr 03 j 02:52	5°♈53'55	
inferior conj	-1740 Apr 08 j 02:53	2°♈49'07	5°27'20
minimum elong	-1740 Apr 08 j 11:58	2°♈34'44	5°25'22
min. Earth dist.	-1740 Apr 08 j 11:22	2°♈35'40	0.29141 AU
	-1740 Apr 12 j 15:52	30°℞♓	
morning rise	-1740 Apr 13 j 21:01	29°♓17'34	
direct	-1740 Apr 29 j 17:56	24°♓26'31	
desc. node	-1740 May 03 j 19:25	24°♓45'09	
greatest brilliancy	-1740 May 10 j 01:30	26°♓20'43	-4.7m
	-1740 May 18 j 00:29	0°♈	
morning max el	-1740 Jun 17 j 13:59	24°♈12'25	45°49'48
	-1740 Jun 23 j 12:27	0°♉	

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

	-1740 Jul 21 j 18:00	0°♊	
	-1740 Aug 16 j 19:12	0°♋	
asc. node	-1740 Aug 24 j 21:03	9°♋36'29	
	-1740 Sep 10 j 17:33	0°♌	
	-1740 Oct 05 j 00:30	0°♍	
	-1740 Oct 28 j 23:45	0°♎	
	-1740 Nov 21 j 20:41	0°♏	
desc. node	-1740 Dec 14 j 12:43	28°♏26'58	
	-1740 Dec 15 j 18:24	0°♐	
morning set	-1740 Dec 18 j 14:46	3°♐34'06	
	-1739 Jan 08 j 18:12	0°♑	
superior conj	-1739 Jan 29 j 00:09	25°♑13'03	-1°20'46
minimum elong	-1739 Jan 28 j 17:44	24°♑53'09	1°20'42
	-1739 Feb 01 j 20:32	0°♒	
max. Earth dist.	-1739 Feb 01 j 21:47	0°♒03'53	1.72331 AU
	-1739 Feb 26 j 01:50	0°♓	
evening rise	-1739 Mar 09 j 01:51	13°♓34'00	
	-1739 Mar 22 j 10:38	0°♈	
asc. node	-1739 Apr 06 j 13:44	18°♈31'35	
	-1739 Apr 15 j 23:26	0°♉	
	-1739 May 10 j 16:47	0°♊	
	-1739 Jun 04 j 15:52	0°♋	
	-1739 Jun 29 j 23:36	0°♌	
	-1739 Jul 25 j 22:26	0°♍	
desc. node	-1739 Jul 27 j 04:58	1°♍26'32	
	-1739 Aug 22 j 04:30	0°♎	
evening max el	-1739 Sep 03 j 13:05	12°♎40'58	47°07'27
	-1739 Sep 22 j 11:26	0°♏	
greatest brilliancy	-1739 Oct 14 j 10:44	13°♏32'34	-4.9m
retrograde	-1739 Oct 24 j 01:01	15°♏18'07	
evening set	-1739 Nov 07 j 13:04	11°♏06'27	
inferior conj	-1739 Nov 13 j 13:52	7°♏34'30	-0°57'10
minimum elong	-1739 Nov 13 j 16:01	7°♏31'12	0°56'29
min. Earth dist.	-1739 Nov 13 j 07:56	7°♏43'32	0.26346 AU
asc. node	-1739 Nov 17 j 06:14	5°♏22'01	
morning rise	-1739 Nov 19 j 19:09	3°♏57'15	
	-1739 Dec 03 j 02:17	30°℞♎	
direct	-1739 Dec 03 j 19:34	29°♎59'22	
	-1739 Dec 04 j 12:54	0°♏	
greatest brilliancy	-1739 Dec 13 j 17:59	1°♏52'34	-4.9m
	-1738 Jan 20 j 11:12	0°♐	
morning max el	-1738 Jan 22 j 23:25	2°♐28'28	46°34'56
	-1738 Feb 18 j 00:29	0°♑	
desc. node	-1738 Mar 08 j 22:06	21°♑14'03	
	-1738 Mar 16 j 13:39	0°♒	
	-1738 Apr 11 j 07:42	0°♓	
	-1738 May 06 j 15:00	0°♈	
	-1738 May 31 j 14:11	0°♉	
	-1738 Jun 25 j 05:49	0°♊	
asc. node	-1738 Jun 29 j 23:28	5°♊48'22	
	-1738 Jul 19 j 14:11	0°♋	
morning set	-1738 Jul 20 j 16:59	1°♋23'02	
	-1738 Aug 12 j 16:28	0°♌	
max. Earth dist.	-1738 Aug 23 j 17:29	13°♌49'21	1.71672 AU
superior conj	-1738 Aug 26 j 22:01	17°♌49'19	1°24'12
minimum elong	-1738 Aug 26 j 23:17	17°♌53'17	1°24'13
	-1738 Sep 05 j 14:50	0°♍	
	-1738 Sep 29 j 11:46	0°♎	
evening rise	-1738 Oct 05 j 06:44	7°♎16'37	
desc. node	-1738 Oct 19 j 14:59	25°♎17'08	
	-1738 Oct 23 j 09:11	0°♏	
	-1738 Nov 16 j 08:22	0°♐	
	-1738 Dec 10 j 10:36	0°♑	
	-1737 Jan 03 j 18:26	0°♒	
	-1737 Jan 28 j 12:34	0°♓	
asc. node	-1737 Feb 09 j 15:45	14°♓24'23	
	-1737 Feb 23 j 01:29	0°♈	
	-1737 Mar 22 j 02:49	0°♉	
evening max el	-1737 Apr 09 j 00:21	18°♉07'06	45°14'08
	-1737 Apr 22 j 06:10	0°♊	
greatest brilliancy	-1737 May 16 j 14:22	15°♊23'13	-4.7m
retrograde	-1737 May 27 j 08:07	17°♊25'48	
desc. node	-1737 Jun 01 j 07:23	16°♊56'51	
evening set	-1737 Jun 11 j 09:40	13°♊05'56	
inferior conj	-1737 Jun 17 j 16:49	9°♊22'20	-3°43'21
minimum elong	-1737 Jun 17 j 09:12	9°♊34'06	3°41'17
min. Earth dist.	-1737 Jun 17 j 23:01	9°♊12'45	0.28690 AU
morning rise	-1737 Jun 23 j 08:25	5°♊59'25	
direct	-1737 Jul 09 j 08:57	1°♊08'11	
greatest brilliancy	-1737 Jul 20 j 05:18	3°♊15'57	-4.8m
	-1737 Aug 25 j 15:12	0°♋	
morning max el	-1737 Aug 28 j 02:42	2°♋25'37	46°23'12
asc. node	-1737 Sep 22 j 08:46	29°♋18'36	
	-1737 Sep 22 j 23:28	0°♌	
	-1737 Oct 18 j 17:11	0°♍	
	-1737 Nov 12 j 10:15	0°♎	
	-1737 Dec 06 j 17:36	0°♏	
	-1737 Dec 30 j 22:27	0°♐	
desc. node	-1736 Jan 12 j 00:34	14°♐58'30	
	-1736 Jan 24 j 03:55	0°♑	
	-1736 Feb 17 j 10:52	0°♒	
morning set	-1736 Mar 03 j 13:26	18°♒37'08	
	-1736 Mar 12 j 19:20	0°♓	
	-1736 Apr 06 j 05:00	0°♈	
superior conj	-1736 Apr 09 j 23:01	4°♈36'23	-0°52'40
minimum elong	-1736 Apr 10 j 07:45	5°♈03'14	0°52'19
max. Earth dist.	-1736 Apr 10 j 13:39	5°♈21'20	1.73600 AU
	-1736 Apr 30 j 15:26	0°♉	
asc. node	-1736 May 04 j 01:48	4°♉12'41	
evening rise	-1736 May 16 j 08:14	19°♉16'01	
	-1736 May 25 j 02:07	0°♊	
	-1736 Jun 18 j 12:56	0°♋	
	-1736 Jul 13 j 00:33	0°♌	
	-1736 Aug 06 j 14:35	0°♍	
desc. node	-1736 Aug 23 j 16:55	20°♍43'55	
	-1736 Aug 31 j 09:27	0°♎	
	-1736 Sep 25 j 13:03	0°♏	
	-1736 Oct 21 j 10:36	0°♐	
evening max el	-1736 Nov 14 j 19:36	26°♐25'41	47°21'39
	-1736 Nov 18 j 08:20	0°♑	
asc. node	-1736 Dec 14 j 18:05	22°♑37'27	
greatest brilliancy	-1736 Dec 25 j 03:01	28°♑08'50	-4.9m
	-1736 Dec 31 j 18:14	0°♒	
retrograde	-1735 Jan 04 j 20:13	0°♒20'02	
	-1735 Jan 08 j 20:15	30°℞♑	
evening set	-1735 Jan 21 j 19:34	24°♑36'59	
min. Earth dist.	-1735 Jan 24 j 21:27	22°♑41'51	0.27989 AU
inferior conj	-1735 Jan 25 j 20:16	22°♑05'37	8°02'00
minimum elong	-1735 Jan 25 j 13:57	22°♑15'38	8°01'19
morning rise	-1735 Jan 29 j 08:47	19°♑53'46	
direct	-1735 Feb 15 j 17:58	14°♑04'36	
greatest brilliancy	-1735 Feb 24 j 12:25	15°♑30'55	-4.8m
	-1735 Mar 20 j 14:15	0°♒	
desc. node	-1735 Apr 05 j 09:50	14°♒05'14	
morning max el	-1735 Apr 05 j 17:26	14°♒23'25	45°55'50
	-1735 Apr 21 j 06:48	0°♓	
	-1735 May 18 j 21:12	0°♈	
	-1735 Jun 14 j 00:56	0°♉	
	-1735 Jul 09 j 08:35	0°♊	
asc. node	-1735 Jul 27 j 11:16	21°♊55'30	
	-1735 Aug 03 j 01:38	0°♋	

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

	-1735 Aug 27 j 07:39	0°♌	
	-1735 Sep 20 j 06:26	0°♍	
greatest brilliancy	-1735 Sep 25 j 13:56	6°♍41'12	-3.9m
morning set	-1735 Sep 30 j 07:14	12°♍38'03	
	-1735 Oct 14 j 01:47	0°♎	
	-1735 Nov 06 j 20:46	0°♏	
superior conj	-1735 Nov 10 j 00:34	3°♏58'42	0°14'21
minimum elong	-1735 Nov 10 j 04:25	4°♏10'48	0°14'09
behind sun begin	-1735 Nov 09 j 14:45	3°♏27'47	
behind sun end	-1735 Nov 10 j 18:05	4°♏53'48	
max. Earth dist.	-1735 Nov 12 j 14:08	7°♏12'29	1.70994 AU
desc. node	-1735 Nov 16 j 02:58	11°♏39'21	
	-1735 Nov 30 j 17:11	0°♐	
evening rise	-1735 Dec 22 j 04:32	26°♐54'14	
	-1735 Dec 24 j 15:59	0°♑	
	-1734 Jan 17 j 18:03	0°♒	
	-1734 Feb 11 j 00:59	0°♓	
	-1734 Mar 07 j 15:16	0°♈	
asc. node	-1734 Mar 09 j 03:49	1°♈50'32	
	-1734 Apr 01 j 16:09	0°♉	
	-1734 Apr 27 j 08:44	0°♊	
	-1734 May 24 j 04:05	0°♋	
evening max el	-1734 Jun 19 j 11:28	27°♋04'06	45°44'22
	-1734 Jun 22 j 13:46	0°♌	
desc. node	-1734 Jun 28 j 19:13	5°♌39'44	
greatest brilliancy	-1734 Jul 29 j 09:17	25°♌40'55	-4.8m
retrograde	-1734 Aug 07 j 13:40	27°♌13'16	
evening set	-1734 Aug 25 j 14:27	21°♌14'03	
inferior conj	-1734 Aug 28 j 12:52	19°♌28'08	-8°51'25
minimum elong	-1734 Aug 28 j 14:46	19°♌25'15	8°51'21
min. Earth dist.	-1734 Aug 29 j 04:17	19°♌04'39	0.27468 AU
morning rise	-1734 Aug 31 j 14:52	17°♌36'22	
direct	-1734 Sep 18 j 10:48	11°♌35'05	
greatest brilliancy	-1734 Sep 29 j 12:04	13°♌51'25	-4.9m
asc. node	-1734 Oct 19 j 20:33	26°♌51'53	
	-1734 Oct 23 j 12:43	0°♍	
morning max el	-1734 Nov 08 j 05:02	15°♍00'21	46°53'57
	-1734 Nov 22 j 06:55	0°♎	
	-1734 Dec 18 j 13:56	0°♏	
	-1733 Jan 12 j 20:44	0°♐	
	-1733 Feb 06 j 19:00	0°♑	
desc. node	-1733 Feb 08 j 12:22	2°♑04'57	
	-1733 Mar 03 j 13:55	0°♒	
	-1733 Mar 28 j 07:02	0°♓	
	-1733 Apr 21 j 22:30	0°♈	
morning set	-1733 May 11 j 23:19	24°♈27'54	
	-1733 May 16 j 11:49	0°♉	
asc. node	-1733 Jun 01 j 13:40	19°♉43'16	
	-1733 Jun 09 j 22:11	0°♊	
max. Earth dist.	-1733 Jun 13 j 15:01	4°♊33'41	1.73307 AU
superior conj	-1733 Jun 17 j 01:18	8°♊47'26	0°35'29
minimum elong	-1733 Jun 16 j 18:50	8°♊27'27	0°35'13
	-1733 Jul 04 j 05:08	0°♋	
evening rise	-1733 Jul 22 j 21:13	23°♋09'48	
	-1733 Jul 28 j 09:16	0°♌	
	-1733 Aug 21 j 12:03	0°♍	
	-1733 Sep 14 j 15:18	0°♎	
desc. node	-1733 Sep 21 j 05:04	8°♎09'20	
	-1733 Oct 08 j 20:38	0°♏	
	-1733 Nov 02 j 05:50	0°♐	
	-1733 Nov 26 j 22:42	0°♑	
	-1733 Dec 22 j 08:33	0°♒	
asc. node	-1732 Jan 12 j 05:53	23°♒22'50	
	-1732 Jan 18 j 11:36	0°♓	
evening max el	-1732 Jan 25 j 19:00	7°♓27'18	46°08'47
	-1732 Feb 20 j 22:37	0°♈	
greatest brilliancy	-1732 Mar 04 j 14:49	6°♈51'10	-4.8m
retrograde	-1732 Mar 15 j 08:59	8°♈59'22	
evening set	-1732 Mar 31 j 22:06	3°♈41'40	
inferior conj	-1732 Apr 05 j 19:36	0°♈40'35	5°41'48
minimum elong	-1732 Apr 06 j 04:47	0°♈26'03	5°39'52
min. Earth dist.	-1732 Apr 06 j 03:27	0°♈28'10	0.29138 AU
	-1732 Apr 06 j 21:16	30°℞♓	
morning rise	-1732 Apr 11 j 11:28	27°♓12'32	
direct	-1732 Apr 27 j 10:13	22°♓18'00	
desc. node	-1732 May 02 j 21:34	22°♓51'36	
greatest brilliancy	-1732 May 07 j 17:00	24°♓11'51	-4.7m
	-1732 May 19 j 07:10	0°♈	
morning max el	-1732 Jun 15 j 06:56	22°♈05'24	45°49'18
	-1732 Jun 23 j 08:15	0°♉	
	-1732 Jul 21 j 08:48	0°♊	
	-1732 Aug 16 j 08:06	0°♋	
asc. node	-1732 Aug 23 j 23:05	9°♋04'59	
	-1732 Sep 10 j 05:31	0°♌	
	-1732 Oct 04 j 12:00	0°♍	
	-1732 Oct 28 j 11:01	0°♎	
	-1732 Nov 21 j 07:49	0°♏	
desc. node	-1732 Dec 13 j 14:44	27°♏58'45	
	-1732 Dec 15 j 05:25	0°♐	
morning set	-1732 Dec 16 j 00:36	1°♐00'05	
	-1731 Jan 08 j 05:08	0°♑	
superior conj	-1731 Jan 26 j 12:26	22°♑48'14	-1°19'34
minimum elong	-1731 Jan 26 j 05:13	22°♑25'49	1°19'29
max. Earth dist.	-1731 Jan 30 j 09:38	27°♑37'53	1.72278 AU
	-1731 Feb 01 j 07:24	0°♒	
	-1731 Feb 25 j 12:40	0°♓	
evening rise	-1731 Mar 06 j 16:54	11°♓19'15	
	-1731 Mar 21 j 21:29	0°♈	
asc. node	-1731 Apr 05 j 15:54	18°♈04'52	
	-1731 Apr 15 j 10:27	0°♉	
	-1731 May 10 j 04:10	0°♊	
	-1731 Jun 04 j 03:55	0°♋	
	-1731 Jun 29 j 12:47	0°♌	
	-1731 Jul 25 j 13:41	0°♍	
desc. node	-1731 Jul 26 j 06:59	0°♍48'51	
	-1731 Aug 22 j 00:17	0°♎	
evening max el	-1731 Sep 01 j 03:28	10°♎19'44	47°05'18
	-1731 Sep 23 j 02:17	0°♏	
greatest brilliancy	-1731 Oct 11 j 23:32	11°♏03'46	-4.9m
retrograde	-1731 Oct 21 j 14:00	12°♏48'53	
evening set	-1731 Nov 05 j 02:47	8°♏35'44	
inferior conj	-1731 Nov 11 j 02:03	5°♏05'46	-1°21'35
minimum elong	-1731 Nov 11 j 05:08	5°♏01'05	1°20'36
min. Earth dist.	-1731 Nov 10 j 21:09	5°♏13'13	0.26336 AU
asc. node	-1731 Nov 16 j 08:13	2°♏00'09	
morning rise	-1731 Nov 17 j 07:42	1°♏28'31	
	-1731 Nov 20 j 08:44	30°℞♎	
direct	-1731 Dec 01 j 08:26	27°♎31'02	
greatest brilliancy	-1731 Dec 11 j 07:01	29°♎24'48	-4.9m
	-1731 Dec 12 j 19:18	0°♏	
	-1730 Jan 20 j 10:45	0°♐	
morning max el	-1730 Jan 20 j 13:40	0°♐07'15	46°36'06
	-1730 Feb 17 j 16:55	0°♑	
desc. node	-1730 Mar 08 j 00:16	20°♑39'03	
	-1730 Mar 16 j 03:27	0°♒	
	-1730 Apr 10 j 20:09	0°♓	
	-1730 May 06 j 02:39	0°♈	
	-1730 May 31 j 01:21	0°♉	
	-1730 Jun 24 j 16:41	0°♊	
asc. node	-1730 Jun 29 j 01:27	5°♊21'12	
morning set	-1730 Jul 18 j 09:51	29°♊13'15	

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

	-1730 Jul 19 j 00:56	0°♋	
	-1730 Aug 12 j 03:14	0°♌	
max. Earth dist.	-1730 Aug 21 j 03:11	11°♌15'37	1.71725 AU
superior conj	-1730 Aug 24 j 13:06	15°♌32'12	1°24'21
minimum elong	-1730 Aug 24 j 13:32	15°♌33'35	1°24'22
	-1730 Sep 05 j 01:42	0°♍	
	-1730 Sep 28 j 22:45	0°♎	
evening rise	-1730 Oct 02 j 17:47	4°♎45'57	
desc. node	-1730 Oct 18 j 17:07	24°♎49'07	
	-1730 Oct 22 j 20:18	0°♏	
	-1730 Nov 15 j 19:36	0°♐	
	-1730 Dec 09 j 22:04	0°♑	
	-1729 Jan 03 j 06:14	0°♒	
	-1729 Jan 28 j 01:03	0°♓	
asc. node	-1729 Feb 08 j 17:51	13°♓52'18	
	-1729 Feb 22 j 15:23	0°♈	
	-1729 Mar 21 j 20:11	0°♉	
evening max el	-1729 Apr 06 j 16:21	15°♉57'20	45°14'30
	-1729 Apr 22 j 13:45	0°♊	
greatest brilliancy	-1729 May 14 j 06:09	13°♊13'43	-4.7m
retrograde	-1729 May 24 j 23:17	15°♊15'48	
desc. node	-1729 May 31 j 09:24	14°♊27'34	
evening set	-1729 Jun 09 j 00:21	10°♊57'31	
inferior conj	-1729 Jun 15 j 08:37	7°♊12'04	-3°24'49
minimum elong	-1729 Jun 15 j 01:33	7°♊23'01	3°22'52
min. Earth dist.	-1729 Jun 15 j 15:07	7°♊01'59	0.28715 AU
morning rise	-1729 Jun 21 j 02:22	3°♊45'39	
	-1729 Jun 29 j 18:16	30°℞♉	
direct	-1729 Jul 07 j 01:03	28°♉57'34	
	-1729 Jul 14 j 13:07	0°♊	
greatest brilliancy	-1729 Jul 17 j 20:54	1°♊04'20	-4.8m
morning max el	-1729 Aug 25 j 16:49	0°♋07'37	46°21'40
	-1729 Aug 25 j 13:44	0°♋	
asc. node	-1729 Sep 21 j 11:00	28°♋39'39	
	-1729 Sep 22 j 15:24	0°♌	
	-1729 Oct 18 j 06:53	0°♍	
	-1729 Nov 11 j 22:52	0°♎	
	-1729 Dec 06 j 05:35	0°♏	
	-1729 Dec 30 j 10:00	0°♐	
desc. node	-1728 Jan 11 j 02:36	14°♐29'32	
	-1728 Jan 23 j 15:09	0°♑	
	-1728 Feb 16 j 21:52	0°♒	
morning set	-1728 Mar 01 j 04:44	16°♒22'59	
	-1728 Mar 12 j 06:08	0°♓	
	-1728 Apr 05 j 15:43	0°♈	
superior conj	-1728 Apr 07 j 16:38	2°♈30'14	-0°55'07
minimum elong	-1728 Apr 08 j 01:33	2°♈57'35	0°54'48
max. Earth dist.	-1728 Apr 08 j 10:48	3°♈26'01	1.73580 AU
	-1728 Apr 30 j 02:09	0°♉	
asc. node	-1728 May 03 j 03:50	3°♉46'02	
evening rise	-1728 May 14 j 03:14	17°♉13'57	
	-1728 May 24 j 12:58	0°♊	
	-1728 Jun 18 j 00:02	0°♋	
	-1728 Jul 12 j 12:03	0°♌	
	-1728 Aug 06 j 02:40	0°♍	
desc. node	-1728 Aug 22 j 19:06	20°♍12'24	
	-1728 Aug 30 j 22:22	0°♎	
	-1728 Sep 25 j 03:20	0°♏	
	-1728 Oct 21 j 03:29	0°♐	
evening max el	-1728 Nov 12 j 09:59	24°♐02'54	47°23'00
	-1728 Nov 18 j 08:22	0°♑	
asc. node	-1728 Dec 13 j 20:09	21°♑13'14	
greatest brilliancy	-1728 Dec 22 j 19:39	25°♑50'43	-4.9m
retrograde	-1727 Jan 02 j 11:10	28°♑00'42	
evening set	-1727 Jan 19 j 07:44	22°♑23'02	
min. Earth dist.	-1727 Jan 22 j 12:07	20°♑24'16	0.27914 AU
inferior conj	-1727 Jan 23 j 11:19	19°♑47'25	7°54'49
minimum elong	-1727 Jan 23 j 04:24	19°♑58'24	7°54'00
morning rise	-1727 Jan 27 j 01:30	17°♑32'59	
direct	-1727 Feb 13 j 07:48	11°♑47'39	
greatest brilliancy	-1727 Feb 22 j 02:42	13°♑14'01	-4.8m
	-1727 Mar 20 j 22:17	0°♒	
morning max el	-1727 Apr 03 j 06:52	12°♒05'55	45°56'50
desc. node	-1727 Apr 04 j 11:59	13°♒16'03	
	-1727 Apr 21 j 00:41	0°♓	
	-1727 May 18 j 11:25	0°♈	
	-1727 Jun 13 j 13:34	0°♉	
	-1727 Jul 08 j 20:26	0°♊	
asc. node	-1727 Jul 26 j 13:23	21°♊26'49	
	-1727 Aug 02 j 13:03	0°♋	
	-1727 Aug 26 j 18:51	0°♌	
	-1727 Sep 19 j 17:32	0°♍	
greatest brilliancy	-1727 Sep 24 j 12:17	6°♍01'02	-3.9m
morning set	-1727 Sep 27 j 19:39	10°♍10'57	
	-1727 Oct 13 j 12:52	0°♎	
	-1727 Nov 06 j 07:53	0°♏	
superior conj	-1727 Nov 07 j 09:50	1°♏21'44	0°18'18
minimum elong	-1727 Nov 07 j 14:41	1°♏37'00	0°18'02
max. Earth dist.	-1727 Nov 09 j 15:20	4°♏10'08	1.70981 AU
desc. node	-1727 Nov 15 j 04:56	11°♏10'31	
	-1727 Nov 30 j 04:21	0°♐	
evening rise	-1727 Dec 19 j 14:23	24°♐20'00	
	-1727 Dec 24 j 03:10	0°♑	
	-1726 Jan 17 j 05:16	0°♒	
	-1726 Feb 10 j 12:20	0°♓	
	-1726 Mar 07 j 02:56	0°♈	
asc. node	-1726 Mar 08 j 06:01	1°♈21'52	
	-1726 Apr 01 j 04:30	0°♉	
	-1726 Apr 26 j 22:27	0°♊	
	-1726 May 23 j 20:46	0°♋	
evening max el	-1726 Jun 17 j 00:34	24°♋44'21	45°41'58
	-1726 Jun 22 j 15:26	0°♌	
desc. node	-1726 Jun 27 j 21:16	4°♌40'09	
greatest brilliancy	-1726 Jul 26 j 20:42	23°♌17'56	-4.8m
retrograde	-1726 Aug 05 j 02:41	24°♌51'38	
evening set	-1726 Aug 23 j 03:07	18°♌52'16	
inferior conj	-1726 Aug 26 j 02:07	17°♌05'38	-8°52'14
minimum elong	-1726 Aug 26 j 03:05	17°♌04'09	8°52'13
min. Earth dist.	-1726 Aug 26 j 17:12	16°♌42'42	0.27527 AU
morning rise	-1726 Aug 29 j 02:52	15°♌15'52	
direct	-1726 Sep 16 j 00:39	9°♌11'26	
greatest brilliancy	-1726 Sep 27 j 02:33	11°♌28'28	-4.9m
asc. node	-1726 Oct 18 j 22:33	25°♌42'50	
	-1726 Oct 23 j 19:30	0°♍	
morning max el	-1726 Nov 05 j 19:16	12°♍35'56	46°53'42
	-1726 Nov 22 j 01:24	0°♎	
	-1726 Dec 18 j 04:58	0°♏	
	-1725 Jan 12 j 10:10	0°♐	
	-1725 Feb 06 j 07:29	0°♑	
desc. node	-1725 Feb 07 j 14:30	1°♑33'49	
	-1725 Mar 03 j 01:45	0°♒	
	-1725 Mar 27 j 18:24	0°♓	
	-1725 Apr 21 j 09:35	0°♈	
morning set	-1725 May 09 j 18:05	22°♈25'02	
	-1725 May 15 j 22:44	0°♉	
asc. node	-1725 May 31 j 15:42	19°♉16'12	
	-1725 Jun 09 j 09:02	0°♊	
max. Earth dist.	-1725 Jun 11 j 14:32	2°♊44'48	1.73348 AU
superior conj	-1725 Jun 14 j 20:04	6°♊43'44	0°32'39
minimum elong	-1725 Jun 14 j 14:01	6°♊25'05	0°32'25

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

	-1725 Jul 03 j 16:04	0°♋	
evening rise	-1725 Jul 20 j 15:06	21°♋01'55	
	-1725 Jul 27 j 20:23	0°♌	
	-1725 Aug 20 j 23:26	0°♍	
	-1725 Sep 14 j 03:01	0°♎	
desc. node	-1725 Sep 20 j 07:10	7°♎39'16	
	-1725 Oct 08 j 08:45	0°♏	
	-1725 Nov 01 j 18:29	0°♐	
	-1725 Nov 26 j 12:13	0°♑	
	-1725 Dec 21 j 23:46	0°♒	
asc. node	-1724 Jan 11 j 08:01	22°♒39'41	
	-1724 Jan 18 j 07:20	0°♓	
evening max el	-1724 Jan 23 j 10:51	5°♓13'18	46°11'42
	-1724 Feb 21 j 23:27	0°♈	
greatest brilliancy	-1724 Mar 02 j 07:12	4°♈41'30	-4.8m
retrograde	-1724 Mar 13 j 02:33	6°♈50'37	
evening set	-1724 Mar 29 j 17:27	1°♈28'46	
	-1724 Apr 01 j 03:59	30°℞♓	
inferior conj	-1724 Apr 03 j 12:22	28°♓31'17	5°55'43
minimum elong	-1724 Apr 03 j 21:36	28°♓16'41	5°53'51
min. Earth dist.	-1724 Apr 03 j 19:16	28°♓20'22	0.29131 AU
morning rise	-1724 Apr 09 j 01:50	25°♓06'52	
direct	-1724 Apr 25 j 02:56	20°♓08'53	
desc. node	-1724 May 01 j 23:32	21°♓01'18	
greatest brilliancy	-1724 May 05 j 07:53	22°♓01'38	-4.7m
	-1724 May 20 j 05:39	0°♈	
morning max el	-1724 Jun 13 j 00:08	19°♈58'24	45°48'47
	-1724 Jun 23 j 03:44	0°♉	
	-1724 Jul 20 j 23:42	0°♊	
	-1724 Aug 15 j 21:13	0°♋	
asc. node	-1724 Aug 23 j 01:19	8°♋33'13	
	-1724 Sep 09 j 17:49	0°♌	
	-1724 Oct 03 j 23:53	0°♍	
	-1724 Oct 27 j 22:41	0°♎	
	-1724 Nov 20 j 19:20	0°♏	
desc. node	-1724 Dec 12 j 16:50	27°♏29'42	
morning set	-1724 Dec 13 j 10:14	28°♏24'14	
	-1724 Dec 14 j 16:48	0°♐	
	-1723 Jan 07 j 16:22	0°♑	
superior conj	-1723 Jan 24 j 00:26	20°♑21'29	-1°18'13
minimum elong	-1723 Jan 23 j 16:28	19°♑56'43	1°18'06
max. Earth dist.	-1723 Jan 28 j 00:03	25°♑18'50	1.72223 AU
	-1723 Jan 31 j 18:33	0°♒	
	-1723 Feb 24 j 23:48	0°♓	
evening rise	-1723 Mar 04 j 07:56	9°♓03'22	
	-1723 Mar 21 j 08:41	0°♈	
asc. node	-1723 Apr 04 j 17:56	17°♈36'41	
	-1723 Apr 14 j 21:49	0°♉	
	-1723 May 09 j 15:54	0°♊	
	-1723 Jun 03 j 16:20	0°♋	
	-1723 Jun 29 j 02:24	0°♌	
desc. node	-1723 Jul 25 j 09:10	0°♍10'19	
	-1723 Jul 25 j 05:30	0°♍	
	-1723 Aug 21 j 21:11	0°♎	
evening max el	-1723 Aug 29 j 17:46	7°♎57'04	47°02'43
	-1723 Sep 23 j 23:05	0°♏	
greatest brilliancy	-1723 Oct 09 j 12:30	8°♏33'15	-4.9m
retrograde	-1723 Oct 19 j 02:22	10°♏17'05	
evening set	-1723 Nov 02 j 16:27	6°♏02'31	
inferior conj	-1723 Nov 08 j 13:58	2°♏34'44	-1°46'01
minimum elong	-1723 Nov 08 j 17:57	2°♏28'41	1°44'46
min. Earth dist.	-1723 Nov 08 j 10:26	2°♏40'08	0.26330 AU
	-1723 Nov 12 j 22:01	30°℞♎	
morning rise	-1723 Nov 14 j 19:42	28°♎57'28	
asc. node	-1723 Nov 15 j 10:20	28°♎38'31	
direct	-1723 Nov 28 j 20:58	25°♎00'23	
greatest brilliancy	-1723 Dec 08 j 20:06	26°♎54'44	-4.9m
	-1723 Dec 15 j 12:09	0°♏	
morning max el	-1722 Jan 18 j 02:54	27°♏41'48	46°37'25
	-1722 Jan 20 j 09:54	0°♐	
	-1722 Feb 17 j 09:30	0°♑	
desc. node	-1722 Mar 07 j 02:26	20°♑03'12	
	-1722 Mar 15 j 17:29	0°♒	
	-1722 Apr 10 j 08:51	0°♓	
	-1722 May 05 j 14:35	0°♈	
	-1722 May 30 j 12:48	0°♉	
	-1722 Jun 24 j 03:52	0°♊	
asc. node	-1722 Jun 28 j 03:40	4°♊53'43	
morning set	-1722 Jul 16 j 03:08	27°♊03'55	
	-1722 Jul 18 j 12:00	0°♋	
	-1722 Aug 11 j 14:19	0°♌	
max. Earth dist.	-1722 Aug 18 j 13:43	8°♌43'36	1.71782 AU
superior conj	-1722 Aug 22 j 04:42	13°♌15'56	1°24'20
minimum elong	-1722 Aug 22 j 04:20	13°♌14'49	1°24'22
	-1722 Sep 04 j 12:52	0°♍	
	-1722 Sep 28 j 10:04	0°♎	
evening rise	-1722 Sep 30 j 05:12	2°♎15'25	
desc. node	-1722 Oct 17 j 19:07	24°♎19'28	
	-1722 Oct 22 j 07:47	0°♏	
	-1722 Nov 15 j 07:17	0°♐	
	-1722 Dec 09 j 09:59	0°♑	
	-1721 Jan 02 j 18:31	0°♒	
	-1721 Jan 27 j 14:01	0°♓	
asc. node	-1721 Feb 07 j 20:02	13°♓19'07	
	-1721 Feb 22 j 05:48	0°♈	
	-1721 Mar 21 j 14:20	0°♉	
evening max el	-1721 Apr 04 j 07:33	13°♉44'45	45°15'05
	-1721 Apr 23 j 00:31	0°♊	
greatest brilliancy	-1721 May 11 j 22:13	11°♊04'00	-4.7m
retrograde	-1721 May 22 j 14:31	13°♊05'45	
desc. node	-1721 May 30 j 11:33	11°♊53'15	
evening set	-1721 Jun 06 j 15:22	8°♊48'28	
inferior conj	-1721 Jun 13 j 00:38	5°♊01'39	-3°06'09
minimum elong	-1721 Jun 12 j 18:07	5°♊11'45	3°04'20
min. Earth dist.	-1721 Jun 13 j 07:44	4°♊50'38	0.28740 AU
morning rise	-1721 Jun 18 j 20:24	1°♊31'56	
	-1721 Jun 21 j 18:52	30°℞♉	
direct	-1721 Jul 04 j 16:51	26°♉46'35	
greatest brilliancy	-1721 Jul 15 j 13:17	28°♉53'13	-4.8m
	-1721 Jul 18 j 06:17	0°♊	
morning max el	-1721 Aug 23 j 06:56	27°♊49'05	46°20'19
	-1721 Aug 25 j 11:39	0°♋	
asc. node	-1721 Sep 20 j 13:01	27°♋59'49	
	-1721 Sep 22 j 07:19	0°♌	
	-1721 Oct 17 j 20:41	0°♍	
	-1721 Nov 11 j 11:40	0°♎	
	-1721 Dec 05 j 17:48	0°♏	
	-1721 Dec 29 j 21:52	0°♐	
desc. node	-1720 Jan 10 j 04:48	14°♐00'01	
	-1720 Jan 23 j 02:43	0°♑	
	-1720 Feb 16 j 09:11	0°♒	
morning set	-1720 Feb 27 j 19:30	14°♒06'04	
	-1720 Mar 11 j 17:15	0°♓	
superior conj	-1720 Apr 05 j 10:01	0°♈22'31	-0°57'31
minimum elong	-1720 Apr 05 j 19:04	0°♈50'16	0°57'12
	-1720 Apr 05 j 02:41	0°♈	
max. Earth dist.	-1720 Apr 06 j 06:35	1°♈25'39	1.73553 AU
	-1720 Apr 29 j 13:07	0°♉	
asc. node	-1720 May 02 j 05:53	3°♉18'38	
evening rise	-1720 May 11 j 22:13	15°♉11'07	
	-1720 May 24 j 00:03	0°♊	

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

	-1720 Jun 17 j 11:23	0°♋	
	-1720 Jul 11 j 23:48	0°♌	
	-1720 Aug 05 j 14:59	0°♍	
desc. node	-1720 Aug 21 j 21:13	19°♍40'00	
	-1720 Aug 30 j 11:32	0°♎	
	-1720 Sep 24 j 17:54	0°♏	
	-1720 Oct 20 j 20:49	0°♐	
evening max el	-1720 Nov 09 j 23:50	21°♐38'21	47°24'09
	-1720 Nov 18 j 09:46	0°♑	
asc. node	-1720 Dec 12 j 22:18	19°♑45'33	
greatest brilliancy	-1720 Dec 20 j 11:54	23°♑31'09	-4.9m
retrograde	-1720 Dec 31 j 02:07	25°♑40'27	
evening set	-1719 Jan 16 j 19:37	20°♑07'59	
min. Earth dist.	-1719 Jan 20 j 02:46	18°♑05'22	0.27844 AU
inferior conj	-1719 Jan 21 j 02:17	17°♑28'06	7°46'46
minimum elong	-1719 Jan 20 j 18:48	17°♑39'57	7°45'47
morning rise	-1719 Jan 24 j 18:23	15°♑10'52	
direct	-1719 Feb 10 j 21:20	9°♑29'19	
greatest brilliancy	-1719 Feb 19 j 17:15	10°♑56'19	-4.8m
	-1719 Mar 21 j 04:24	0°♒	
morning max el	-1719 Mar 31 j 21:05	9°♒49'15	45°57'56
desc. node	-1719 Apr 03 j 13:58	12°♒26'27	
	-1719 Apr 20 j 18:25	0°♓	
	-1719 May 18 j 01:41	0°♈	
	-1719 Jun 13 j 02:16	0°♉	
	-1719 Jul 08 j 08:20	0°♊	
asc. node	-1719 Jul 25 j 15:30	20°♊57'57	
	-1719 Aug 02 j 00:32	0°♋	
	-1719 Aug 26 j 06:08	0°♌	
	-1719 Sep 19 j 04:44	0°♍	
greatest brilliancy	-1719 Sep 23 j 14:40	5°♍33'17	-3.9m
morning set	-1719 Sep 25 j 08:34	7°♍45'13	
	-1719 Oct 13 j 00:02	0°♎	
superior conj	-1719 Nov 04 j 19:36	28°♎46'05	0°22'09
minimum elong	-1719 Nov 05 j 01:23	29°♎04'20	0°21'52
	-1719 Nov 05 j 19:04	0°♏	
max. Earth dist.	-1719 Nov 06 j 20:20	1°♏19'35	1.70969 AU
desc. node	-1719 Nov 14 j 07:05	10°♏42'09	
	-1719 Nov 29 j 15:33	0°♐	
evening rise	-1719 Dec 17 j 00:33	21°♐46'41	
	-1719 Dec 23 j 14:23	0°♑	
	-1718 Jan 16 j 16:32	0°♒	
	-1718 Feb 09 j 23:46	0°♓	
	-1718 Mar 06 j 14:44	0°♈	
asc. node	-1718 Mar 07 j 08:00	0°♈52'07	
	-1718 Mar 31 j 17:02	0°♉	
	-1718 Apr 26 j 12:23	0°♊	
	-1718 May 23 j 13:48	0°♋	
evening max el	-1718 Jun 14 j 14:44	22°♋27'27	45°39'49
	-1718 Jun 22 j 18:30	0°♌	
desc. node	-1718 Jun 26 j 23:27	3°♌39'37	
greatest brilliancy	-1718 Jul 24 j 07:44	20°♌55'20	-4.8m
retrograde	-1718 Aug 02 j 16:13	22°♌30'49	
evening set	-1718 Aug 20 j 15:32	16°♌32'01	
inferior conj	-1718 Aug 23 j 15:32	14°♌43'54	-8°52'11
minimum elong	-1718 Aug 23 j 15:36	14°♌43'49	8°52'10
min. Earth dist.	-1718 Aug 24 j 05:53	14°♌22'07	0.27586 AU
morning rise	-1718 Aug 26 j 15:29	12°♌55'28	
direct	-1718 Sep 13 j 15:14	6°♌48'44	
greatest brilliancy	-1718 Sep 24 j 16:36	9°♌05'39	-4.9m
asc. node	-1718 Oct 18 j 00:38	24°♌36'04	
	-1718 Oct 24 j 00:08	0°♍	
morning max el	-1718 Nov 03 j 10:31	10°♍14'30	46°53'25
	-1718 Nov 21 j 19:23	0°♎	
	-1718 Dec 17 j 19:44	0°♏	
	-1717 Jan 11 j 23:23	0°♐	
	-1717 Feb 05 j 19:46	0°♑	
desc. node	-1717 Feb 06 j 16:37	1°♑03'07	
	-1717 Mar 02 j 13:25	0°♒	
	-1717 Mar 27 j 05:40	0°♓	
	-1717 Apr 20 j 20:35	0°♈	
morning set	-1717 May 07 j 12:49	20°♈22'16	
	-1717 May 15 j 09:34	0°♉	
asc. node	-1717 May 30 j 17:55	18°♉49'53	
	-1717 Jun 08 j 19:49	0°♊	
max. Earth dist.	-1717 Jun 09 j 13:24	0°♊54'10	1.73382 AU
superior conj	-1717 Jun 12 j 14:46	4°♊40'10	0°29'47
minimum elong	-1717 Jun 12 j 09:10	4°♊22'57	0°29'33
	-1717 Jul 03 j 02:53	0°♋	
evening rise	-1717 Jul 18 j 09:03	18°♋54'47	
	-1717 Jul 27 j 07:21	0°♌	
	-1717 Aug 20 j 10:41	0°♍	
	-1717 Sep 13 j 14:37	0°♎	
desc. node	-1717 Sep 19 j 09:09	7°♎09'13	
	-1717 Oct 07 j 20:46	0°♏	
	-1717 Nov 01 j 07:02	0°♐	
	-1717 Nov 26 j 01:39	0°♑	
	-1717 Dec 21 j 14:58	0°♒	
asc. node	-1716 Jan 10 j 10:12	21°♒56'53	
	-1716 Jan 18 j 03:22	0°♓	
evening max el	-1716 Jan 21 j 03:24	3°♓01'41	46°14'36
	-1716 Feb 23 j 09:57	0°♈	
greatest brilliancy	-1716 Feb 28 j 23:52	2°♈33'06	-4.8m
retrograde	-1716 Mar 10 j 19:58	4°♈42'36	
	-1716 Mar 26 j 07:08	30°℞♓	
evening set	-1716 Mar 27 j 12:54	29°♓16'53	
inferior conj	-1716 Apr 01 j 05:13	26°♓22'53	6°09'09
minimum elong	-1716 Apr 01 j 14:26	26°♓08'17	6°07'21
min. Earth dist.	-1716 Apr 01 j 11:04	26°♓13'37	0.29124 AU
morning rise	-1716 Apr 06 j 16:08	23°♓02'08	
direct	-1716 Apr 22 j 20:00	18°♓00'50	
desc. node	-1716 May 01 j 01:43	19°♓15'50	
greatest brilliancy	-1716 May 02 j 22:29	19°♓51'49	-4.7m
	-1716 May 20 j 21:58	0°♈	
morning max el	-1716 Jun 10 j 17:08	17°♈51'33	45°48'13
	-1716 Jun 22 j 22:27	0°♉	
	-1716 Jul 20 j 14:11	0°♊	
	-1716 Aug 15 j 10:01	0°♋	
asc. node	-1716 Aug 22 j 03:21	8°♋01'43	
	-1716 Sep 09 j 05:48	0°♌	
	-1716 Oct 03 j 11:28	0°♍	
	-1716 Oct 27 j 10:03	0°♎	
	-1716 Nov 20 j 06:34	0°♏	
morning set	-1716 Dec 10 j 19:53	25°♏49'10	
desc. node	-1716 Dec 11 j 18:58	27°♏01'31	
	-1716 Dec 14 j 03:55	0°♐	
	-1715 Jan 07 j 03:22	0°♑	
superior conj	-1715 Jan 21 j 12:22	17°♑55'13	-1°16'43
minimum elong	-1715 Jan 21 j 03:42	17°♑28'14	1°16'33
max. Earth dist.	-1715 Jan 25 j 15:29	23°♑03'36	1.72163 AU
	-1715 Jan 31 j 05:27	0°♒	
	-1715 Feb 24 j 10:38	0°♓	
evening rise	-1715 Mar 01 j 22:57	6°♓48'20	
	-1715 Mar 20 j 19:33	0°♈	
asc. node	-1715 Apr 03 j 20:03	17°♈09'40	
	-1715 Apr 14 j 08:53	0°♉	
	-1715 May 09 j 03:22	0°♊	
	-1715 Jun 03 j 04:31	0°♋	
	-1715 Jun 28 j 15:49	0°♌	
desc. node	-1715 Jul 24 j 11:14	29°♌31'59	
	-1715 Jul 24 j 21:14	0°♍	

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

	-1715 Aug 21 j 18:23	0°♎	
evening max el	-1715 Aug 27 j 07:36	5°♎34'25	47°00'11
	-1715 Sep 25 j 02:24	0°♏	
greatest brilliancy	-1715 Oct 07 j 02:05	6°♏05'01	-4.9m
retrograde	-1715 Oct 16 j 14:13	7°♏46'53	
evening set	-1715 Oct 31 j 06:27	3°♏30'43	
inferior conj	-1715 Nov 06 j 02:04	0°♏05'27	-2°10'07
minimum elong	-1715 Nov 06 j 06:55	29°♎58'04	2°08'36
min. Earth dist.	-1715 Nov 06 j 00:09	0°♏08'23	0.26329 AU
	-1715 Nov 06 j 05:38	30°℞♎	
morning rise	-1715 Nov 12 j 07:33	26°♎28'14	
asc. node	-1715 Nov 14 j 12:32	25°♎22'30	
direct	-1715 Nov 26 j 09:14	22°♎31'17	
greatest brilliancy	-1715 Dec 06 j 09:54	24°♎26'42	-4.9m
	-1715 Dec 17 j 03:55	0°♏	
morning max el	-1714 Jan 15 j 15:28	25°♏15'25	46°38'39
	-1714 Jan 20 j 07:46	0°♐	
	-1714 Feb 17 j 01:27	0°♑	
desc. node	-1714 Mar 06 j 04:22	19°♑27'58	
	-1714 Mar 15 j 07:02	0°♒	
	-1714 Apr 09 j 21:08	0°♓	
	-1714 May 05 j 02:06	0°♈	
	-1714 May 29 j 23:52	0°♉	
	-1714 Jun 23 j 14:42	0°♊	
asc. node	-1714 Jun 27 j 05:45	4°♊26'57	
morning set	-1714 Jul 13 j 20:25	24°♊55'33	
	-1714 Jul 17 j 22:45	0°♋	
	-1714 Aug 11 j 01:06	0°♌	
max. Earth dist.	-1714 Aug 16 j 01:18	6°♌15'53	1.71841 AU
superior conj	-1714 Aug 19 j 20:19	11°♌00'44	1°24'11
minimum elong	-1714 Aug 19 j 19:12	10°♌57'12	1°24'13
	-1714 Sep 03 j 23:45	0°♍	
evening rise	-1714 Sep 27 j 16:39	29°♍46'12	
	-1714 Sep 27 j 21:03	0°♎	
desc. node	-1714 Oct 16 j 21:16	23°♎51'24	
	-1714 Oct 21 j 18:55	0°♏	
	-1714 Nov 14 j 18:37	0°♐	
	-1714 Dec 08 j 21:35	0°♑	
	-1713 Jan 02 j 06:31	0°♒	
	-1713 Jan 27 j 02:44	0°♓	
asc. node	-1713 Feb 06 j 22:03	12°♓46'09	
	-1713 Feb 21 j 20:03	0°♈	
	-1713 Mar 21 j 08:31	0°♉	
evening max el	-1713 Apr 01 j 22:15	11°♉32'02	45°15'51
	-1713 Apr 23 j 14:17	0°♊	
greatest brilliancy	-1713 May 09 j 13:49	8°♊55'00	-4.7m
retrograde	-1713 May 20 j 05:58	10°♊57'15	
desc. node	-1713 May 29 j 13:39	9°♊15'44	
evening set	-1713 Jun 04 j 06:34	6°♊40'22	
inferior conj	-1713 Jun 10 j 16:42	2°♊52'36	-2°47'22
minimum elong	-1713 Jun 10 j 10:47	3°♊01'48	2°45'40
min. Earth dist.	-1713 Jun 11 j 00:23	2°♊40'41	0.28767 AU
	-1713 Jun 15 j 10:16	30°℞♉	
morning rise	-1713 Jun 16 j 14:25	29°♉19'55	
direct	-1713 Jul 02 j 08:32	24°♉36'49	
greatest brilliancy	-1713 Jul 13 j 06:11	26°♉44'04	-4.8m
	-1713 Jul 20 j 06:03	0°♊	
morning max el	-1713 Aug 20 j 21:36	25°♊32'59	46°18'54
	-1713 Aug 25 j 08:26	0°♋	
asc. node	-1713 Sep 19 j 15:06	27°♋21'24	
	-1713 Sep 21 j 22:43	0°♌	
	-1713 Oct 17 j 10:06	0°♍	
	-1713 Nov 11 j 00:06	0°♎	
	-1713 Dec 05 j 05:41	0°♏	
	-1713 Dec 29 j 09:21	0°♐	
desc. node	-1712 Jan 09 j 06:50	13°♐31'10	
	-1712 Jan 22 j 13:56	0°♑	
	-1712 Feb 15 j 20:10	0°♒	
morning set	-1712 Feb 25 j 09:58	11°♒49'06	
	-1712 Mar 11 j 04:04	0°♓	
superior conj	-1712 Apr 03 j 03:22	28°♓15'30	-0°59'51
minimum elong	-1712 Apr 03 j 12:29	28°♓43'31	0°59'31
max. Earth dist.	-1712 Apr 04 j 00:56	29°♓21'46	1.73526 AU
	-1712 Apr 04 j 13:23	0°♈	
	-1712 Apr 28 j 23:48	0°♉	
asc. node	-1712 May 01 j 08:07	2°♉52'45	
evening rise	-1712 May 09 j 17:14	13°♉09'25	
	-1712 May 23 j 10:51	0°♊	
	-1712 Jun 16 j 22:25	0°♋	
	-1712 Jul 11 j 11:15	0°♌	
	-1712 Aug 05 j 03:03	0°♍	
desc. node	-1712 Aug 20 j 23:11	19°♍07'51	
	-1712 Aug 30 j 00:33	0°♎	
	-1712 Sep 24 j 08:26	0°♏	
	-1712 Oct 20 j 14:20	0°♐	
evening max el	-1712 Nov 07 j 14:02	19°♐15'14	47°25'23
	-1712 Nov 18 j 12:21	0°♑	
asc. node	-1712 Dec 12 j 00:24	18°♑15'10	
greatest brilliancy	-1712 Dec 18 j 03:31	21°♑10'57	-4.9m
retrograde	-1712 Dec 28 j 17:19	23°♑20'19	
evening set	-1711 Jan 14 j 07:13	17°♑52'52	
min. Earth dist.	-1711 Jan 17 j 17:03	15°♑46'39	0.27774 AU
inferior conj	-1711 Jan 18 j 17:02	15°♑08'44	7°37'49
minimum elong	-1711 Jan 18 j 09:04	15°♑21'21	7°36'40
morning rise	-1711 Jan 22 j 11:18	12°♑48'33	
direct	-1711 Feb 08 j 10:47	7°♑10'50	
greatest brilliancy	-1711 Feb 17 j 07:24	8°♑38'29	-4.8m
	-1711 Mar 21 j 08:18	0°♒	
morning max el	-1711 Mar 29 j 12:05	7°♒35'05	45°59'04
desc. node	-1711 Apr 02 j 16:10	11°♒38'53	
	-1711 Apr 20 j 11:32	0°♓	
	-1711 May 17 j 15:34	0°♈	
	-1711 Jun 12 j 14:40	0°♉	
	-1711 Jul 07 j 19:58	0°♊	
asc. node	-1711 Jul 24 j 17:34	20°♊29'46	
	-1711 Aug 01 j 11:45	0°♋	
	-1711 Aug 25 j 17:10	0°♌	
	-1711 Sep 18 j 15:42	0°♍	
greatest brilliancy	-1711 Sep 22 j 16:13	5°♍03'37	-3.9m
morning set	-1711 Sep 22 j 21:35	5°♍20'32	
	-1711 Oct 12 j 11:02	0°♎	
superior conj	-1711 Nov 02 j 05:04	26°♎09'56	0°26'00
minimum elong	-1711 Nov 02 j 11:46	26°♎31'01	0°25'40
max. Earth dist.	-1711 Nov 04 j 03:01	28°♎34'39	1.70964 AU
	-1711 Nov 05 j 06:07	0°♏	
desc. node	-1711 Nov 13 j 09:15	10°♏14'14	
	-1711 Nov 29 j 02:38	0°♐	
evening rise	-1711 Dec 14 j 10:10	19°♐11'59	
	-1711 Dec 23 j 01:28	0°♑	
	-1710 Jan 16 j 03:41	0°♒	
	-1710 Feb 09 j 11:06	0°♓	
asc. node	-1710 Mar 06 j 10:09	0°♈23'15	
	-1710 Mar 06 j 02:27	0°♈	
	-1710 Mar 31 j 05:29	0°♉	
	-1710 Apr 26 j 02:19	0°♊	
	-1710 May 23 j 07:04	0°♋	
evening max el	-1710 Jun 12 j 05:44	20°♋13'10	45°37'45
	-1710 Jun 22 j 23:01	0°♌	
desc. node	-1710 Jun 26 j 01:31	2°♌37'55	
greatest brilliancy	-1710 Jul 21 j 18:50	18°♌33'52	-4.8m
retrograde	-1710 Jul 31 j 05:48	20°♌10'56	

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

evening set	-1710 Aug 18 j 03:40	14°♌13'37	
inferior conj	-1710 Aug 21 j 05:05	12°♌23'17	-8°51'17
minimum elong	-1710 Aug 21 j 04:14	12°♌24'35	8°51'15
min. Earth dist.	-1710 Aug 21 j 18:31	12°♌02'53	0.27640 AU
morning rise	-1710 Aug 24 j 04:39	10°♌35'23	
direct	-1710 Sep 11 j 06:14	4°♌27'26	
greatest brilliancy	-1710 Sep 22 j 06:12	6°♌43'18	-4.9m
asc. node	-1710 Oct 17 j 02:54	23°♌32'00	
	-1710 Oct 24 j 02:50	0°♍	
morning max el	-1710 Nov 01 j 01:22	7°♍52'43	46°52'48
	-1710 Nov 21 j 12:52	0°♎	
	-1710 Dec 17 j 10:18	0°♏	
	-1709 Jan 11 j 12:31	0°♐	
	-1709 Feb 05 j 08:01	0°♑	
desc. node	-1709 Feb 05 j 18:39	0°♑32'14	
	-1709 Mar 02 j 01:04	0°♒	
	-1709 Mar 26 j 16:54	0°♓	
	-1709 Apr 20 j 07:32	0°♈	
morning set	-1709 May 05 j 07:19	18°♈18'54	
	-1709 May 14 j 20:23	0°♉	
asc. node	-1709 May 29 j 19:59	18°♉23'10	
max. Earth dist.	-1709 Jun 07 j 10:35	28°♉58'26	1.73414 AU
	-1709 Jun 08 j 06:35	0°♊	
superior conj	-1709 Jun 10 j 09:23	2°♊36'26	0°26'51
minimum elong	-1709 Jun 10 j 04:17	2°♊20'44	0°26'38
	-1709 Jul 02 j 13:43	0°♋	
evening rise	-1709 Jul 16 j 03:05	16°♋47'56	
	-1709 Jul 26 j 18:20	0°♌	
	-1709 Aug 19 j 21:54	0°♍	
	-1709 Sep 13 j 02:10	0°♎	
desc. node	-1709 Sep 18 j 11:21	6°♎40'01	
	-1709 Oct 07 j 08:45	0°♏	
	-1709 Oct 31 j 19:37	0°♐	
	-1709 Nov 25 j 15:13	0°♑	
	-1709 Dec 21 j 06:30	0°♒	
asc. node	-1708 Jan 09 j 12:12	21°♒12'34	
	-1708 Jan 18 j 00:18	0°♓	
evening max el	-1708 Jan 18 j 19:39	0°♓48'30	46°17'23
	-1708 Feb 25 j 16:28	0°♈	
greatest brilliancy	-1708 Feb 26 j 17:03	0°♈24'14	-4.8m
retrograde	-1708 Mar 08 j 12:49	2°♈33'16	
	-1708 Mar 19 j 18:42	30°℞♓	
evening set	-1708 Mar 25 j 08:14	27°♓03'54	
inferior conj	-1708 Mar 29 j 21:53	24°♓13'24	6°22'11
minimum elong	-1708 Mar 30 j 07:02	23°♓58'52	6°20'28
min. Earth dist.	-1708 Mar 30 j 02:52	24°♓05'29	0.29112 AU
morning rise	-1708 Apr 04 j 06:04	20°♓56'19	
direct	-1708 Apr 20 j 12:44	15°♓51'50	
desc. node	-1708 Apr 30 j 03:52	17°♓33'08	
greatest brilliancy	-1708 Apr 30 j 12:57	17°♓40'54	-4.7m
	-1708 May 21 j 10:27	0°♈	
morning max el	-1708 Jun 08 j 09:06	15°♈41'45	45°47'40
	-1708 Jun 22 j 16:51	0°♉	
	-1708 Jul 20 j 04:39	0°♊	
	-1708 Aug 14 j 22:51	0°♋	
asc. node	-1708 Aug 21 j 05:25	7°♋30'09	
	-1708 Sep 08 j 17:51	0°♌	
	-1708 Oct 02 j 23:07	0°♍	
	-1708 Oct 26 j 21:29	0°♎	
	-1708 Nov 19 j 17:50	0°♏	
morning set	-1708 Dec 08 j 05:46	23°♏14'34	
desc. node	-1708 Dec 10 j 21:00	26°♏32'51	
	-1708 Dec 13 j 15:05	0°♐	
	-1707 Jan 06 j 14:28	0°♑	
superior conj	-1707 Jan 19 j 00:08	15°♑27'57	-1°15'03
minimum elong	-1707 Jan 18 j 14:50	14°♑58'57	1°14'52
max. Earth dist.	-1707 Jan 23 j 06:33	20°♑46'44	1.72108 AU
	-1707 Jan 30 j 16:30	0°♒	
	-1707 Feb 23 j 21:40	0°♓	
evening rise	-1707 Feb 27 j 13:30	4°♓31'06	
	-1707 Mar 20 j 06:39	0°♈	
asc. node	-1707 Apr 02 j 22:13	16°♈42'12	
	-1707 Apr 13 j 20:09	0°♉	
	-1707 May 08 j 15:04	0°♊	
	-1707 Jun 02 j 16:59	0°♋	
	-1707 Jun 28 j 05:37	0°♌	
desc. node	-1707 Jul 23 j 13:16	28°♌52'27	
	-1707 Jul 24 j 13:31	0°♍	
	-1707 Aug 21 j 16:39	0°♎	
evening max el	-1707 Aug 24 j 20:34	3°♎08'58	46°57'36
	-1707 Sep 26 j 17:30	0°♏	
greatest brilliancy	-1707 Oct 04 j 16:08	3°♏36'53	-4.9m
retrograde	-1707 Oct 14 j 01:45	5°♏16'35	
evening set	-1707 Oct 28 j 20:39	0°♏58'20	
	-1707 Oct 30 j 14:15	30°℞♎	
inferior conj	-1707 Nov 03 j 14:15	27°♎36'06	-2°33'57
minimum elong	-1707 Nov 03 j 19:55	27°♎27'26	2°32'11
min. Earth dist.	-1707 Nov 03 j 14:12	27°♎36'10	0.26328 AU
morning rise	-1707 Nov 09 j 19:12	23°♎59'15	
asc. node	-1707 Nov 13 j 14:33	22°♎11'17	
direct	-1707 Nov 23 j 21:02	20°♎01'52	
greatest brilliancy	-1707 Dec 04 j 00:11	21°♎59'04	-4.9m
	-1707 Dec 18 j 07:48	0°♏	
morning max el	-1706 Jan 13 j 03:40	22°♏47'37	46°39'54
	-1706 Jan 20 j 04:56	0°♐	
	-1706 Feb 16 j 17:18	0°♑	
desc. node	-1706 Mar 05 j 06:35	18°♑53'16	
	-1706 Mar 14 j 20:41	0°♒	
	-1706 Apr 09 j 09:37	0°♓	
	-1706 May 04 j 13:53	0°♈	
	-1706 May 29 j 11:12	0°♉	
	-1706 Jun 23 j 01:47	0°♊	
asc. node	-1706 Jun 26 j 07:47	3°♊59'15	
morning set	-1706 Jul 11 j 13:33	22°♊46'02	
	-1706 Jul 17 j 09:45	0°♋	
	-1706 Aug 10 j 12:08	0°♌	
max. Earth dist.	-1706 Aug 13 j 15:36	3°♌55'55	1.71903 AU
superior conj	-1706 Aug 17 j 11:56	8°♌44'43	1°23'54
minimum elong	-1706 Aug 17 j 10:02	8°♌38'47	1°23'55
	-1706 Sep 03 j 10:54	0°♍	
evening rise	-1706 Sep 25 j 04:20	27°♍16'49	
	-1706 Sep 27 j 08:20	0°♎	
desc. node	-1706 Oct 15 j 23:23	23°♎22'17	
	-1706 Oct 21 j 06:21	0°♏	
	-1706 Nov 14 j 06:14	0°♐	
	-1706 Dec 08 j 09:25	0°♑	
	-1705 Jan 01 j 18:44	0°♒	
	-1705 Jan 26 j 15:42	0°♓	
asc. node	-1705 Feb 06 j 00:10	12°♓12'48	
	-1705 Feb 21 j 10:40	0°♈	
	-1705 Mar 21 j 03:29	0°♉	
evening max el	-1705 Mar 30 j 13:09	9°♉18'59	45°16'38
	-1705 Apr 24 j 09:27	0°♊	
greatest brilliancy	-1705 May 07 j 04:59	6°♊44'32	-4.7m
retrograde	-1705 May 17 j 21:56	8°♊47'59	
desc. node	-1705 May 28 j 15:41	6°♊33'04	
evening set	-1705 Jun 01 j 22:00	4°♊31'03	
inferior conj	-1705 Jun 08 j 08:48	0°♊42'34	-2°28'14
minimum elong	-1705 Jun 08 j 03:30	0°♊50'47	2°26'42
min. Earth dist.	-1705 Jun 08 j 16:49	0°♊30'09	0.28795 AU
	-1705 Jun 09 j 12:17	30°℞♉	

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

morning rise	-1705 Jun 14 j 08:25	27°♉07'19	
direct	-1705 Jun 30 j 00:30	22°♉26'03	
greatest brilliancy	-1705 Jul 10 j 23:02	24°♉34'07	-4.8m
	-1705 Jul 21 j 14:37	0°♊	
morning max el	-1705 Aug 18 j 13:06	23°♊18'16	46°17'28
	-1705 Aug 25 j 04:55	0°♋	
asc. node	-1705 Sep 18 j 17:22	26°♋42'56	
	-1705 Sep 21 j 14:12	0°♌	
	-1705 Oct 16 j 23:43	0°♍	
	-1705 Nov 10 j 12:48	0°♎	
	-1705 Dec 04 j 17:49	0°♏	
	-1705 Dec 28 j 21:07	0°♐	
desc. node	-1704 Jan 08 j 08:54	13°♐01'33	
	-1704 Jan 22 j 01:24	0°♑	
	-1704 Feb 15 j 07:23	0°♒	
morning set	-1704 Feb 23 j 00:37	9°♒31'53	
	-1704 Mar 10 j 15:05	0°♓	
superior conj	-1704 Mar 31 j 20:50	26°♓08'07	-1°02'04
minimum elong	-1704 Apr 01 j 05:59	26°♓36'13	1°01'45
max. Earth dist.	-1704 Apr 01 j 20:27	27°♓20'42	1.73502 AU
	-1704 Apr 04 j 00:19	0°♈	
	-1704 Apr 28 j 10:45	0°♉	
asc. node	-1704 Apr 30 j 10:08	2°♉25'21	
evening rise	-1704 May 07 j 12:19	11°♉07'05	
	-1704 May 22 j 21:57	0°♊	
	-1704 Jun 16 j 09:47	0°♋	
	-1704 Jul 10 j 23:02	0°♌	
	-1704 Aug 04 j 15:29	0°♍	
desc. node	-1704 Aug 20 j 01:23	18°♍35'16	
	-1704 Aug 29 j 13:59	0°♎	
	-1704 Sep 23 j 23:29	0°♏	
	-1704 Oct 20 j 08:37	0°♐	
evening max el	-1704 Nov 05 j 05:13	16°♐53'35	47°26'27
	-1704 Nov 18 j 17:04	0°♑	
asc. node	-1704 Dec 11 j 02:29	16°♑40'22	
greatest brilliancy	-1704 Dec 15 j 18:33	18°♑48'43	-4.9m
retrograde	-1704 Dec 26 j 08:50	20°♑58'43	
evening set	-1703 Jan 11 j 18:38	15°♑36'21	
min. Earth dist.	-1703 Jan 15 j 06:57	13°♑26'49	0.27699 AU
inferior conj	-1703 Jan 16 j 07:39	12°♑47'54	7°27'56
minimum elong	-1703 Jan 15 j 23:13	13°♑01'11	7°26'38
morning rise	-1703 Jan 20 j 04:16	10°♑24'38	
direct	-1703 Feb 06 j 00:40	4°♑51'05	
greatest brilliancy	-1703 Feb 14 j 20:56	6°♑18'58	-4.8m
	-1703 Mar 21 j 10:52	0°♒	
morning max el	-1703 Mar 27 j 03:36	5°♒21'34	46°00'17
desc. node	-1703 Apr 01 j 18:16	10°♒51'19	
	-1703 Apr 20 j 04:31	0°♓	
	-1703 May 17 j 05:32	0°♈	
	-1703 Jun 12 j 03:16	0°♉	
	-1703 Jul 07 j 07:51	0°♊	
asc. node	-1703 Jul 23 j 19:43	20°♊00'54	
	-1703 Jul 31 j 23:16	0°♋	
	-1703 Aug 25 j 04:28	0°♌	
	-1703 Sep 18 j 02:56	0°♍	
morning set	-1703 Sep 20 j 10:41	2°♍55'20	
	-1703 Oct 11 j 22:17	0°♎	
superior conj	-1703 Oct 30 j 14:37	23°♎33'09	0°29'46
minimum elong	-1703 Oct 30 j 22:08	23°♎56'49	0°29'24
max. Earth dist.	-1703 Nov 01 j 11:16	25°♎53'49	1.70959 AU
	-1703 Nov 04 j 17:25	0°♏	
desc. node	-1703 Nov 12 j 11:12	9°♏44'48	
	-1703 Nov 28 j 13:59	0°♐	
evening rise	-1703 Dec 11 j 19:44	16°♐36'07	
	-1703 Dec 22 j 12:52	0°♑	
	-1702 Jan 15 j 15:08	0°♒	
	-1702 Feb 08 j 22:42	0°♓	
asc. node	-1702 Mar 05 j 12:20	29°♓53'45	
	-1702 Mar 05 j 14:24	0°♈	
	-1702 Mar 30 j 18:11	0°♉	
	-1702 Apr 25 j 16:34	0°♊	
	-1702 May 23 j 00:53	0°♋	
evening max el	-1702 Jun 09 j 20:54	17°♋58'43	45°35'32
	-1702 Jun 23 j 05:52	0°♌	
desc. node	-1702 Jun 25 j 03:34	1°♌34'01	
greatest brilliancy	-1702 Jul 19 j 06:28	16°♌12'31	-4.8m
retrograde	-1702 Jul 28 j 19:03	17°♌50'26	
evening set	-1702 Aug 15 j 15:28	11°♌55'35	
inferior conj	-1702 Aug 18 j 18:44	10°♌02'15	-8°49'22
minimum elong	-1702 Aug 18 j 17:00	10°♌04'53	8°49'18
min. Earth dist.	-1702 Aug 19 j 07:25	9°♌42'56	0.27694 AU
morning rise	-1702 Aug 21 j 18:24	8°♌14'01	
direct	-1702 Sep 08 j 21:10	2°♌05'49	
greatest brilliancy	-1702 Sep 19 j 19:56	4°♌20'24	-4.9m
asc. node	-1702 Oct 16 j 04:53	22°♌28'08	
	-1702 Oct 24 j 04:27	0°♍	
morning max el	-1702 Oct 29 j 15:15	5°♍27'42	46°52'08
	-1702 Nov 21 j 06:15	0°♎	
	-1702 Dec 17 j 00:56	0°♏	
	-1701 Jan 11 j 01:46	0°♐	
desc. node	-1701 Feb 04 j 20:48	0°♑01'09	
	-1701 Feb 04 j 20:25	0°♑	
	-1701 Mar 01 j 12:53	0°♒	
	-1701 Mar 26 j 04:18	0°♓	
	-1701 Apr 19 j 18:39	0°♈	
morning set	-1701 May 03 j 02:07	16°♈16'04	
	-1701 May 14 j 07:19	0°♉	
asc. node	-1701 May 28 j 22:02	17°♉56'05	
max. Earth dist.	-1701 Jun 05 j 07:24	27°♉01'20	1.73445 AU
	-1701 Jun 07 j 17:27	0°♊	
superior conj	-1701 Jun 08 j 04:21	0°♊33'34	0°23'55
minimum elong	-1701 Jun 07 j 23:46	0°♊19'26	0°23'45
	-1701 Jul 02 j 00:40	0°♋	
evening rise	-1701 Jul 13 j 21:25	14°♋41'44	
	-1701 Jul 26 j 05:29	0°♌	
	-1701 Aug 19 j 09:20	0°♍	
	-1701 Sep 12 j 13:58	0°♎	
desc. node	-1701 Sep 17 j 13:26	6°♎09'40	
	-1701 Oct 06 j 20:59	0°♏	
	-1701 Oct 31 j 08:28	0°♐	
	-1701 Nov 25 j 05:05	0°♑	
	-1701 Dec 20 j 22:27	0°♒	
asc. node	-1700 Jan 08 j 14:21	20°♒27'33	
evening max el	-1700 Jan 16 j 10:59	28°♒32'22	46°20'10
	-1700 Jan 17 j 22:10	0°♓	
greatest brilliancy	-1700 Feb 24 j 10:46	28°♓15'26	-4.8m
	-1700 Mar 01 j 17:03	0°♈	
retrograde	-1700 Mar 06 j 05:20	0°♈23'33	
	-1700 Mar 10 j 15:15	30°♓R	
evening set	-1700 Mar 23 j 03:35	24°♓50'36	
inferior conj	-1700 Mar 27 j 14:37	22°♓03'43	6°34'39
minimum elong	-1700 Mar 27 j 23:39	21°♓49'21	6°33'03
min. Earth dist.	-1700 Mar 27 j 19:02	21°♓56'42	0.29094 AU
morning rise	-1700 Apr 01 j 19:55	18°♓50'23	
direct	-1700 Apr 18 j 05:03	13°♓42'38	
greatest brilliancy	-1700 Apr 28 j 03:57	15°♓30'19	-4.7m
desc. node	-1700 Apr 29 j 05:49	15°♓53'42	
	-1700 May 21 j 19:45	0°♈	
morning max el	-1700 Jun 06 j 00:16	13°♈29'57	45°47'22
	-1700 Jun 22 j 10:47	0°♉	
	-1700 Jul 19 j 18:54	0°♊	

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

	-1700 Aug 14 j 11:36	0°♋	
asc. node	-1700 Aug 20 j 07:37	6°♋59'07	
	-1700 Sep 08 j 05:54	0°♌	
	-1700 Oct 02 j 10:49	0°♍	
	-1700 Oct 26 j 08:59	0°♎	
	-1700 Nov 19 j 05:13	0°♏	
morning set	-1700 Dec 05 j 15:16	20°♏38'18	
desc. node	-1700 Dec 09 j 23:07	26°♏04'07	
	-1700 Dec 13 j 02:21	0°♐	
	-1699 Jan 06 j 01:38	0°♑	
superior conj	-1699 Jan 16 j 11:31	12°♑59'14	-1°13'13
minimum elong	-1699 Jan 16 j 01:38	12°♑28'29	1°13'01
max. Earth dist.	-1699 Jan 20 j 20:13	18°♑25'17	1.72049 AU
	-1699 Jan 30 j 03:36	0°♒	
	-1699 Feb 23 j 08:44	0°♓	
evening rise	-1699 Feb 25 j 03:45	2°♓12'47	
	-1699 Mar 19 j 17:46	0°♈	
asc. node	-1699 Apr 02 j 00:14	16°♈14'05	
	-1699 Apr 13 j 07:29	0°♉	
	-1699 May 08 j 02:48	0°♊	
	-1699 Jun 02 j 05:28	0°♋	
	-1699 Jun 27 j 19:25	0°♌	
desc. node	-1699 Jul 22 j 15:27	28°♌13'25	
	-1699 Jul 24 j 05:54	0°♍	
	-1699 Aug 21 j 15:41	0°♎	
evening max el	-1699 Aug 22 j 08:24	0°♎41'14	46°54'50
	-1699 Sep 29 j 06:43	0°♏	
greatest brilliancy	-1699 Oct 02 j 05:49	1°♏08'11	-4.9m
retrograde	-1699 Oct 11 j 13:01	2°♏46'06	
	-1699 Oct 23 j 07:06	30°℞♎	
evening set	-1699 Oct 26 j 10:48	28°♎25'00	
inferior conj	-1699 Nov 01 j 02:15	25°♎06'12	-2°57'30
minimum elong	-1699 Nov 01 j 08:43	24°♎56'21	2°55'31
min. Earth dist.	-1699 Nov 01 j 04:08	25°♎03'19	0.26341 AU
morning rise	-1699 Nov 07 j 06:29	21°♎30'11	
asc. node	-1699 Nov 12 j 16:39	19°♎04'25	
direct	-1699 Nov 21 j 08:39	17°♎31'28	
greatest brilliancy	-1699 Dec 01 j 14:44	19°♎31'10	-4.9m
	-1699 Dec 19 j 04:29	0°♏	
morning max el	-1698 Jan 10 j 16:11	20°♏20'02	46°41'12
	-1698 Jan 20 j 01:34	0°♐	
	-1698 Feb 16 j 08:59	0°♑	
desc. node	-1698 Mar 04 j 08:41	18°♑18'25	
	-1698 Mar 14 j 10:14	0°♒	
	-1698 Apr 08 j 21:59	0°♓	
	-1698 May 04 j 01:32	0°♈	
	-1698 May 28 j 22:25	0°♉	
	-1698 Jun 22 j 12:44	0°♊	
asc. node	-1698 Jun 25 j 09:59	3°♊32'24	
morning set	-1698 Jul 09 j 07:03	20°♊38'07	
	-1698 Jul 16 j 20:36	0°♋	
	-1698 Aug 09 j 22:59	0°♌	
max. Earth dist.	-1698 Aug 11 j 08:40	1°♌45'15	1.71959 AU
superior conj	-1698 Aug 15 j 04:00	6°♌30'50	1°23'29
minimum elong	-1698 Aug 15 j 01:21	6°♌22'34	1°23'30
	-1698 Sep 02 j 21:49	0°♍	
evening rise	-1698 Sep 22 j 16:36	24°♍50'00	
	-1698 Sep 26 j 19:25	0°♎	
desc. node	-1698 Oct 15 j 01:22	22°♎53'19	
	-1698 Oct 20 j 17:37	0°♏	
	-1698 Nov 13 j 17:43	0°♐	
	-1698 Dec 07 j 21:12	0°♑	
	-1697 Jan 01 j 06:56	0°♒	
	-1697 Jan 26 j 04:41	0°♓	
asc. node	-1697 Feb 05 j 02:20	11°♓39'32	
	-1697 Feb 21 j 01:24	0°♈	
	-1697 Mar 20 j 22:55	0°♉	
evening max el	-1697 Mar 28 j 04:25	7°♉07'09	45°17'40
	-1697 Apr 25 j 11:25	0°♊	
greatest brilliancy	-1697 May 04 j 19:46	4°♊34'04	-4.7m
retrograde	-1697 May 15 j 14:17	6°♊38'55	
desc. node	-1697 May 27 j 17:49	3°♊46'26	
evening set	-1697 May 30 j 13:32	2°♊21'52	
	-1697 Jun 03 j 15:58	30°℞♉	
inferior conj	-1697 Jun 06 j 00:46	28°♉32'41	-2°08'52
minimum elong	-1697 Jun 05 j 20:07	28°♉39'54	2°07'31
min. Earth dist.	-1697 Jun 06 j 08:49	28°♉20'13	0.28820 AU
morning rise	-1697 Jun 12 j 02:10	24°♉55'11	
direct	-1697 Jun 27 j 16:49	20°♉15'34	
greatest brilliancy	-1697 Jul 08 j 15:15	22°♉23'57	-4.8m
	-1697 Jul 22 j 13:43	0°♊	
morning max el	-1697 Aug 16 j 05:20	21°♊06'20	46°16'14
	-1697 Aug 25 j 00:28	0°♋	
asc. node	-1697 Sep 17 j 19:19	26°♋04'56	
	-1697 Sep 21 j 05:09	0°♌	
	-1697 Oct 16 j 12:53	0°♍	
	-1697 Nov 10 j 01:05	0°♎	
	-1697 Dec 04 j 05:38	0°♏	
	-1697 Dec 28 j 08:37	0°♐	
desc. node	-1696 Jan 07 j 11:04	12°♐32'59	
	-1696 Jan 21 j 12:39	0°♑	
	-1696 Feb 14 j 18:25	0°♒	
morning set	-1696 Feb 20 j 14:33	7°♒12'47	
	-1696 Mar 10 j 01:55	0°♓	
superior conj	-1696 Mar 29 j 13:38	23°♓59'07	-1°04'14
minimum elong	-1696 Mar 29 j 22:46	24°♓27'12	1°03'57
max. Earth dist.	-1696 Mar 30 j 16:50	25°♓22'44	1.73475 AU
	-1696 Apr 03 j 11:04	0°♈	
	-1696 Apr 27 j 21:31	0°♉	
asc. node	-1696 Apr 29 j 12:11	1°♉58'37	
evening rise	-1696 May 05 j 06:58	9°♉04'05	
	-1696 May 22 j 08:51	0°♊	
	-1696 Jun 15 j 20:57	0°♋	
	-1696 Jul 10 j 10:38	0°♌	
	-1696 Aug 04 j 03:43	0°♍	
desc. node	-1696 Aug 19 j 03:27	18°♍03'07	
	-1696 Aug 29 j 03:10	0°♎	
	-1696 Sep 23 j 14:19	0°♏	
	-1696 Oct 20 j 02:50	0°♐	
evening max el	-1696 Nov 02 j 21:02	14°♐34'54	47°27'21
	-1696 Nov 18 j 23:09	0°♑	
asc. node	-1696 Dec 10 j 04:36	15°♑03'20	
greatest brilliancy	-1696 Dec 13 j 09:06	16°♑26'57	-4.9m
retrograde	-1696 Dec 24 j 00:23	18°♑37'42	
evening set	-1695 Jan 09 j 05:56	13°♑20'34	
min. Earth dist.	-1695 Jan 12 j 20:35	11°♑07'47	0.27629 AU
inferior conj	-1695 Jan 13 j 22:09	10°♑27'33	7°17'12
minimum elong	-1695 Jan 13 j 13:20	10°♑41'26	7°15'45
morning rise	-1695 Jan 17 j 21:15	8°♑01'00	
direct	-1695 Feb 03 j 15:00	2°♑32'00	
greatest brilliancy	-1695 Feb 12 j 10:07	3°♑59'31	-4.8m
	-1695 Mar 21 j 11:49	0°♒	
morning max el	-1695 Mar 24 j 19:05	3°♒08'27	46°01'18
desc. node	-1695 Mar 31 j 20:15	10°♒04'45	
	-1695 Apr 19 j 20:58	0°♓	
	-1695 May 16 j 19:10	0°♈	
	-1695 Jun 11 j 15:33	0°♉	
	-1695 Jul 06 j 19:26	0°♊	
asc. node	-1695 Jul 22 j 21:49	19°♊32'53	
	-1695 Jul 31 j 10:27	0°♋	
	-1695 Aug 24 j 15:28	0°♌	

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

morning set	-1695 Sep 17 j 23:59	0°♍31'47	
	-1695 Sep 17 j 13:52	0°♍	
	-1695 Oct 11 j 09:13	0°♎	
superior conj	-1695 Oct 28 j 00:40	20°♎59'09	0°33'26
minimum elong	-1695 Oct 28 j 08:55	21°♎25'07	0°33'03
max. Earth dist.	-1695 Oct 29 j 18:14	23°♎10'07	1.70949 AU
	-1695 Nov 04 j 04:22	0°♏	
desc. node	-1695 Nov 11 j 13:23	9°♏17'14	
	-1695 Nov 28 j 00:55	0°♐	
evening rise	-1695 Dec 09 j 05:36	14°♐02'24	
	-1695 Dec 21 j 23:50	0°♑	
	-1694 Jan 15 j 02:11	0°♒	
	-1694 Feb 08 j 09:58	0°♓	
asc. node	-1694 Mar 04 j 14:17	29°♓24'24	
	-1694 Mar 05 j 02:05	0°♈	
	-1694 Mar 30 j 06:42	0°♉	
	-1694 Apr 25 j 06:43	0°♊	
	-1694 May 22 j 18:52	0°♋	
evening max el	-1694 Jun 07 j 11:16	15°♋43'05	45°33'26
	-1694 Jun 23 j 14:56	0°♌	
desc. node	-1694 Jun 24 j 05:44	0°♌29'28	
greatest brilliancy	-1694 Jul 16 j 18:41	13°♌52'40	-4.8m
retrograde	-1694 Jul 26 j 07:49	15°♌30'48	
evening set	-1694 Aug 13 j 02:50	9°♌39'10	
inferior conj	-1694 Aug 16 j 08:21	7°♌42'15	-8°46'34
minimum elong	-1694 Aug 16 j 05:44	7°♌46'15	8°46'27
min. Earth dist.	-1694 Aug 16 j 20:36	7°♌23'33	0.27746 AU
morning rise	-1694 Aug 19 j 08:29	5°♌53'02	
	-1694 Sep 02 j 23:01	30°℞♋	
direct	-1694 Sep 06 j 11:28	29°♋45'05	
	-1694 Sep 10 j 01:02	0°♌	
greatest brilliancy	-1694 Sep 17 j 10:02	1°♌58'47	-4.9m
asc. node	-1694 Oct 15 j 06:59	21°♌26'57	
	-1694 Oct 24 j 04:31	0°♍	
morning max el	-1694 Oct 27 j 04:14	3°♍01'17	46°51'36
	-1694 Nov 20 j 22:57	0°♎	
	-1694 Dec 16 j 15:01	0°♏	
	-1693 Jan 10 j 14:30	0°♐	
desc. node	-1693 Feb 03 j 22:53	29°♐31'17	
	-1693 Feb 04 j 08:20	0°♑	
	-1693 Mar 01 j 00:16	0°♒	
	-1693 Mar 25 j 15:20	0°♓	
	-1693 Apr 19 j 05:27	0°♈	
morning set	-1693 Apr 30 j 20:38	14°♈13'12	
	-1693 May 13 j 17:58	0°♉	
asc. node	-1693 May 28 j 00:13	17°♉30'10	
max. Earth dist.	-1693 Jun 03 j 02:34	24°♉59'57	1.73477 AU
superior conj	-1693 Jun 05 j 23:02	28°♉30'38	0°20'57
minimum elong	-1693 Jun 05 j 19:00	28°♉18'10	0°20'47
	-1693 Jun 07 j 04:05	0°♊	
	-1693 Jul 01 j 11:22	0°♋	
evening rise	-1693 Jul 11 j 15:32	12°♋35'41	
	-1693 Jul 25 j 16:22	0°♌	
	-1693 Aug 18 j 20:32	0°♍	
	-1693 Sep 12 j 01:32	0°♎	
desc. node	-1693 Sep 16 j 15:25	5°♎39'47	
	-1693 Oct 06 j 09:00	0°♏	
	-1693 Oct 30 j 21:06	0°♐	
	-1693 Nov 24 j 18:45	0°♑	
	-1693 Dec 20 j 14:15	0°♒	
asc. node	-1692 Jan 07 j 16:30	19°♒43'13	
evening max el	-1692 Jan 14 j 01:25	26°♒15'02	46°23'05
	-1692 Jan 17 j 20:23	0°♓	
greatest brilliancy	-1692 Feb 22 j 04:28	26°♓07'57	-4.8m
retrograde	-1692 Mar 03 j 21:45	28°♓15'28	
evening set	-1692 Mar 20 j 22:59	22°♓38'43	
inferior conj	-1692 Mar 25 j 07:31	19°♓55'31	6°46'26
minimum elong	-1692 Mar 25 j 16:21	19°♓41'26	6°44'56
min. Earth dist.	-1692 Mar 25 j 11:25	19°♓49'18	0.29081 AU
morning rise	-1692 Mar 30 j 09:53	16°♓46'05	
direct	-1692 Apr 15 j 21:06	11°♓34'42	
greatest brilliancy	-1692 Apr 25 j 19:36	13°♓21'38	-4.7m
desc. node	-1692 Apr 28 j 08:01	14°♓19'06	
	-1692 May 22 j 02:05	0°♈	
morning max el	-1692 Jun 03 j 15:23	11°♈18'40	45°46'57
	-1692 Jun 22 j 04:05	0°♉	
	-1692 Jul 19 j 08:51	0°♊	
	-1692 Aug 14 j 00:07	0°♋	
asc. node	-1692 Aug 19 j 09:38	6°♋28'07	
	-1692 Sep 07 j 17:44	0°♌	
	-1692 Oct 01 j 22:18	0°♍	
	-1692 Oct 25 j 20:16	0°♎	
	-1692 Nov 18 j 16:23	0°♏	
morning set	-1692 Dec 03 j 00:44	18°♏02'24	
desc. node	-1692 Dec 09 j 01:14	25°♏36'02	
	-1692 Dec 12 j 13:24	0°♐	
	-1691 Jan 05 j 12:36	0°♑	
superior conj	-1691 Jan 13 j 22:56	10°♑31'13	-1°11'15
minimum elong	-1691 Jan 13 j 12:33	9°♑58'53	1°11'00
max. Earth dist.	-1691 Jan 18 j 07:18	15°♑56'23	1.71985 AU
	-1691 Jan 29 j 14:28	0°♒	
evening rise	-1691 Feb 22 j 18:07	29°♒55'34	
	-1691 Feb 22 j 19:34	0°♓	
	-1691 Mar 19 j 04:38	0°♈	
asc. node	-1691 Apr 01 j 02:21	15°♈47'02	
	-1691 Apr 12 j 18:34	0°♉	
	-1691 May 07 j 14:22	0°♊	
	-1691 Jun 01 j 17:52	0°♋	
	-1691 Jun 27 j 09:17	0°♌	
desc. node	-1691 Jul 21 j 17:30	27°♌33'42	
	-1691 Jul 23 j 22:34	0°♍	
evening max el	-1691 Aug 19 j 20:12	28°♍13'45	46°52'09
	-1691 Aug 21 j 15:42	0°♎	
greatest brilliancy	-1691 Sep 29 j 18:57	28°♎39'02	-4.9m
	-1691 Oct 05 j 08:24	0°♏	
retrograde	-1691 Oct 09 j 00:35	0°♏15'59	
	-1691 Oct 12 j 15:30	30°℞♎	
evening set	-1691 Oct 24 j 01:02	25°♎51'26	
inferior conj	-1691 Oct 29 j 14:10	22°♎36'20	-3°20'38
minimum elong	-1691 Oct 29 j 21:23	22°♎25'22	3°18'28
min. Earth dist.	-1691 Oct 29 j 17:41	22°♎30'59	0.26356 AU
morning rise	-1691 Nov 04 j 17:30	19°♎01'47	
asc. node	-1691 Nov 11 j 18:51	16°♎03'20	
direct	-1691 Nov 18 j 20:33	15°♎01'02	
greatest brilliancy	-1691 Nov 29 j 04:53	17°♎03'03	-4.9m
	-1691 Dec 19 j 19:50	0°♏	
morning max el	-1690 Jan 08 j 05:39	17°♏54'59	46°42'32
	-1690 Jan 19 j 21:27	0°♐	
	-1690 Feb 16 j 00:19	0°♑	
desc. node	-1690 Mar 03 j 10:39	17°♑43'46	
	-1690 Mar 13 j 23:32	0°♒	
	-1690 Apr 08 j 10:09	0°♓	
	-1690 May 03 j 13:00	0°♈	
	-1690 May 28 j 09:28	0°♉	
	-1690 Jun 21 j 23:37	0°♊	
asc. node	-1690 Jun 24 j 12:03	3°♊05'26	
morning set	-1690 Jul 07 j 00:41	18°♊30'53	
	-1690 Jul 16 j 07:27	0°♋	
max. Earth dist.	-1690 Aug 09 j 00:58	29°♋32'09	1.72020 AU
	-1690 Aug 09 j 09:53	0°♌	

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

superior conj	-1690 Aug 12 j 20:01	4°♌16'43	1°22'56
minimum elong	-1690 Aug 12 j 16:41	4°♌06'17	1°22'56
	-1690 Sep 02 j 08:50	0°♍	
evening rise	-1690 Sep 20 j 04:45	22°♍22'37	
	-1690 Sep 26 j 06:33	0°♎	
desc. node	-1690 Oct 14 j 03:32	22°♎24'41	
	-1690 Oct 20 j 04:57	0°♏	
	-1690 Nov 13 j 05:16	0°♐	
	-1690 Dec 07 j 09:01	0°♑	
	-1690 Dec 31 j 19:12	0°♒	
	-1689 Jan 25 j 17:47	0°♓	
asc. node	-1689 Feb 04 j 04:19	11°♓05'36	
	-1689 Feb 20 j 16:18	0°♈	
	-1689 Mar 20 j 18:52	0°♉	
evening max el	-1689 Mar 25 j 20:47	4°♉58'15	45°18'54
	-1689 Apr 26 j 23:53	0°♊	
greatest brilliancy	-1689 May 02 j 10:56	2°♊24'57	-4.7m
retrograde	-1689 May 13 j 07:05	4°♊30'53	
desc. node	-1689 May 26 j 19:55	0°♊57'37	
evening set	-1689 May 28 j 05:38	0°♊13'45	
	-1689 May 28 j 15:46	30°℞♉	
inferior conj	-1689 Jun 03 j 17:03	26°♉23'52	-1°49'38
minimum elong	-1689 Jun 03 j 13:04	26°♉30'03	1°48'27
min. Earth dist.	-1689 Jun 04 j 00:51	26°♉11'47	0.28845 AU
morning rise	-1689 Jun 09 j 20:06	22°♉44'15	
direct	-1689 Jun 25 j 09:49	18°♉06'23	
greatest brilliancy	-1689 Jul 06 j 07:01	20°♉14'04	-4.7m
	-1689 Jul 23 j 06:36	0°♊	
morning max el	-1689 Aug 13 j 21:52	18°♊55'17	46°14'39
	-1689 Aug 24 j 19:32	0°♋	
asc. node	-1689 Sep 16 j 21:27	25°♋27'18	
	-1689 Sep 20 j 20:05	0°♌	
	-1689 Oct 16 j 02:11	0°♍	
	-1689 Nov 09 j 13:34	0°♎	
	-1689 Dec 03 j 17:38	0°♏	
	-1689 Dec 27 j 20:17	0°♐	
desc. node	-1688 Jan 06 j 13:06	12°♐03'33	
	-1688 Jan 21 j 00:02	0°♑	
	-1688 Feb 14 j 05:34	0°♒	
morning set	-1688 Feb 18 j 04:24	4°♒53'00	
	-1688 Mar 09 j 12:55	0°♓	
superior conj	-1688 Mar 27 j 06:33	21°♓49'57	-1°06'19
minimum elong	-1688 Mar 27 j 15:37	22°♓17'51	1°06'02
max. Earth dist.	-1688 Mar 28 j 14:21	23°♓27'46	1.73443 AU
	-1688 Apr 02 j 21:58	0°♈	
	-1688 Apr 27 j 08:25	0°♉	
asc. node	-1688 Apr 28 j 14:25	1°♉31'59	
evening rise	-1688 May 03 j 01:52	7°♉01'28	
	-1688 May 21 j 19:52	0°♊	
	-1688 Jun 15 j 08:14	0°♋	
	-1688 Jul 09 j 22:22	0°♌	
	-1688 Aug 03 j 16:10	0°♍	
desc. node	-1688 Aug 18 j 05:27	17°♍29'58	
	-1688 Aug 28 j 16:43	0°♎	
	-1688 Sep 23 j 05:41	0°♏	
	-1688 Oct 19 j 21:59	0°♐	
evening max el	-1688 Oct 31 j 13:08	12°♐15'37	47°28'02
	-1688 Nov 19 j 08:18	0°♑	
asc. node	-1688 Dec 09 j 06:42	13°♑21'08	
greatest brilliancy	-1688 Dec 11 j 00:03	14°♑04'03	-4.9m
retrograde	-1688 Dec 21 j 15:44	16°♑14'39	
evening set	-1687 Jan 06 j 17:09	11°♑03'09	
min. Earth dist.	-1687 Jan 10 j 10:15	8°♑46'45	0.27551 AU
inferior conj	-1687 Jan 11 j 12:28	8°♑05'31	7°05'42
minimum elong	-1687 Jan 11 j 03:19	8°♑19'53	7°04'05
morning rise	-1687 Jan 15 j 14:06	5°♑35'24	
direct	-1687 Feb 01 j 05:12	0°♑11'30	
greatest brilliancy	-1687 Feb 09 j 23:08	1°♑38'21	-4.8m
	-1687 Mar 21 j 11:56	0°♒	
morning max el	-1687 Mar 22 j 09:41	0°♒52'15	46°02'25
desc. node	-1687 Mar 30 j 22:29	9°♒18'48	
	-1687 Apr 19 j 13:23	0°♓	
	-1687 May 16 j 08:54	0°♈	
	-1687 Jun 11 j 04:00	0°♉	
	-1687 Jul 06 j 07:10	0°♊	
asc. node	-1687 Jul 21 j 23:52	19°♊04'09	
	-1687 Jul 30 j 21:49	0°♋	
	-1687 Aug 24 j 02:40	0°♌	
morning set	-1687 Sep 15 j 13:36	28°♌08'32	
	-1687 Sep 17 j 01:03	0°♍	
	-1687 Oct 10 j 20:28	0°♎	
superior conj	-1687 Oct 25 j 10:46	18°♎24'12	0°37'01
minimum elong	-1687 Oct 25 j 19:40	18°♎52'15	0°36'37
max. Earth dist.	-1687 Oct 26 j 21:28	20°♎13'32	1.70950 AU
	-1687 Nov 03 j 15:40	0°♏	
desc. node	-1687 Nov 10 j 15:30	8°♏48'17	
	-1687 Nov 27 j 12:17	0°♐	
evening rise	-1687 Dec 06 j 14:50	11°♐25'17	
	-1687 Dec 21 j 11:13	0°♑	
	-1686 Jan 14 j 13:40	0°♒	
	-1686 Feb 07 j 21:38	0°♓	
asc. node	-1686 Mar 03 j 16:27	28°♓54'31	
	-1686 Mar 04 j 14:11	0°♈	
	-1686 Mar 29 j 19:38	0°♉	
	-1686 Apr 24 j 21:22	0°♊	
	-1686 May 22 j 13:38	0°♋	
evening max el	-1686 Jun 05 j 01:11	13°♋25'45	45°31'32
desc. node	-1686 Jun 23 j 07:48	29°♋22'37	
	-1686 Jun 24 j 03:20	0°♌	
greatest brilliancy	-1686 Jul 14 j 07:42	11°♌33'49	-4.8m
retrograde	-1686 Jul 23 j 20:44	13°♌12'05	
evening set	-1686 Aug 10 j 14:14	7°♌24'00	
inferior conj	-1686 Aug 13 j 22:25	5°♌23'08	-8°42'54
minimum elong	-1686 Aug 13 j 18:55	5°♌28'28	8°42'43
min. Earth dist.	-1686 Aug 14 j 10:28	5°♌04'41	0.27796 AU
morning rise	-1686 Aug 16 j 23:25	3°♌32'25	
	-1686 Aug 23 j 15:53	30°℞♋	
direct	-1686 Sep 04 j 01:44	27°♋25'04	
greatest brilliancy	-1686 Sep 15 j 01:01	29°♋38'39	-4.9m
	-1686 Sep 15 j 22:15	0°♌	
asc. node	-1686 Oct 14 j 09:13	20°♌27'08	
	-1686 Oct 24 j 03:45	0°♍	
morning max el	-1686 Oct 24 j 16:55	0°♍33'35	46°50'49
	-1686 Nov 20 j 15:40	0°♎	
	-1686 Dec 16 j 05:23	0°♏	
	-1685 Jan 10 j 03:39	0°♐	
desc. node	-1685 Feb 03 j 00:54	28°♐59'49	
	-1685 Feb 03 j 20:42	0°♑	
	-1685 Feb 28 j 12:06	0°♒	
	-1685 Mar 25 j 02:46	0°♓	
	-1685 Apr 18 j 16:37	0°♈	
morning set	-1685 Apr 28 j 15:01	12°♈08'45	
	-1685 May 13 j 04:59	0°♉	
asc. node	-1685 May 27 j 02:15	17°♉02'41	
max. Earth dist.	-1685 May 31 j 22:21	22°♉59'30	1.73507 AU
superior conj	-1685 Jun 03 j 17:54	26°♉27'13	0°17'57
minimum elong	-1685 Jun 03 j 14:24	26°♉16'27	0°17'48
	-1685 Jun 06 j 15:03	0°♊	
	-1685 Jun 30 j 22:25	0°♋	
evening rise	-1685 Jul 09 j 10:06	10°♋30'10	
	-1685 Jul 25 j 03:36	0°♌	

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

	-1685 Aug 18 j 08:01	0°♍	
	-1685 Sep 11 j 13:21	0°♎	
desc. node	-1685 Sep 15 j 17:38	5°♎09'51	
	-1685 Oct 05 j 21:17	0°♏	
	-1685 Oct 30 j 10:06	0°♐	
	-1685 Nov 24 j 08:54	0°♑	
	-1685 Dec 20 j 06:49	0°♒	
asc. node	-1684 Jan 06 j 18:31	18°♒56'17	
evening max el	-1684 Jan 11 j 15:21	23°♒54'40	46°25'54
	-1684 Jan 17 j 20:17	0°♓	
greatest brilliancy	-1684 Feb 19 j 21:50	23°♓57'44	-4.8m
retrograde	-1684 Mar 01 j 14:16	26°♓05'11	
evening set	-1684 Mar 18 j 18:08	20°♓24'25	
inferior conj	-1684 Mar 23 j 00:11	17°♓45'03	6°57'46
minimum elong	-1684 Mar 23 j 08:47	17°♓31'21	6°56'23
min. Earth dist.	-1684 Mar 23 j 03:35	17°♓39'38	0.29064 AU
morning rise	-1684 Mar 27 j 23:35	14°♓39'54	
direct	-1684 Apr 13 j 12:41	9°♓24'26	
greatest brilliancy	-1684 Apr 23 j 11:12	11°♓11'10	-4.7m
desc. node	-1684 Apr 27 j 10:07	12°♓45'56	
	-1684 May 22 j 07:01	0°♈	
morning max el	-1684 Jun 01 j 06:54	9°♈07'07	45°46'47
	-1684 Jun 21 j 21:26	0°♉	
	-1684 Jul 18 j 22:59	0°♊	
	-1684 Aug 13 j 12:53	0°♋	
asc. node	-1684 Aug 18 j 11:44	5°♋56'35	
	-1684 Sep 07 j 05:48	0°♌	
	-1684 Oct 01 j 10:00	0°♍	
	-1684 Oct 25 j 07:46	0°♎	
	-1684 Nov 18 j 03:45	0°♏	
morning set	-1684 Nov 30 j 10:37	15°♏27'03	
desc. node	-1684 Dec 08 j 03:16	25°♏06'54	
	-1684 Dec 12 j 00:42	0°♐	
	-1683 Jan 04 j 23:50	0°♑	
superior conj	-1683 Jan 11 j 10:11	8°♑01'42	-1°09'07
minimum elong	-1683 Jan 10 j 23:22	7°♑27'59	1°08'50
max. Earth dist.	-1683 Jan 15 j 16:14	13°♑19'50	1.71932 AU
	-1683 Jan 29 j 01:41	0°♒	
evening rise	-1683 Feb 20 j 08:06	27°♒35'55	
	-1683 Feb 22 j 06:45	0°♓	
	-1683 Mar 18 j 15:54	0°♈	
asc. node	-1683 Mar 31 j 04:31	15°♈18'58	
	-1683 Apr 12 j 06:03	0°♉	
	-1683 May 07 j 02:19	0°♊	
	-1683 Jun 01 j 06:40	0°♋	
	-1683 Jun 26 j 23:34	0°♌	
desc. node	-1683 Jul 20 j 19:33	26°♌52'55	
	-1683 Jul 23 j 15:48	0°♍	
evening max el	-1683 Aug 17 j 09:01	25°♍48'29	46°49'34
	-1683 Aug 21 j 17:07	0°♎	
greatest brilliancy	-1683 Sep 27 j 07:41	26°♎09'37	-4.9m
retrograde	-1683 Oct 06 j 13:04	27°♎46'18	
evening set	-1683 Oct 21 j 15:39	23°♎18'04	
inferior conj	-1683 Oct 27 j 02:17	20°♎06'42	-3°43'17
minimum elong	-1683 Oct 27 j 10:11	19°♎54'43	3°40'57
min. Earth dist.	-1683 Oct 27 j 07:00	19°♎59'33	0.26372 AU
morning rise	-1683 Nov 02 j 04:30	16°♎34'10	
asc. node	-1683 Nov 10 j 20:51	13°♎09'03	
direct	-1683 Nov 16 j 09:06	12°♎31'03	
greatest brilliancy	-1683 Nov 26 j 18:31	14°♎34'35	-4.9m
	-1683 Dec 20 j 07:18	0°♏	
morning max el	-1682 Jan 05 j 20:04	15°♏32'10	46°43'41
	-1682 Jan 19 j 16:49	0°♐	
	-1682 Feb 15 j 15:35	0°♑	
desc. node	-1682 Mar 02 j 12:52	17°♑09'35	
	-1682 Mar 13 j 12:56	0°♒	
	-1682 Apr 07 j 22:30	0°♓	
	-1682 May 03 j 00:42	0°♈	
	-1682 May 27 j 20:47	0°♉	
	-1682 Jun 21 j 10:42	0°♊	
asc. node	-1682 Jun 23 j 14:06	2°♊37'46	
morning set	-1682 Jul 04 j 18:15	16°♊22'58	
	-1682 Jul 15 j 18:27	0°♋	
max. Earth dist.	-1682 Aug 06 j 16:15	27°♋15'36	1.72077 AU
	-1682 Aug 08 j 20:55	0°♌	
superior conj	-1682 Aug 10 j 12:07	2°♌02'30	1°22'15
minimum elong	-1682 Aug 10 j 08:07	1°♌49'59	1°22'15
	-1682 Sep 01 j 19:57	0°♍	
evening rise	-1682 Sep 17 j 17:10	19°♍55'40	
	-1682 Sep 25 j 17:50	0°♎	
desc. node	-1682 Oct 13 j 05:38	21°♎55'30	
	-1682 Oct 19 j 16:25	0°♏	
	-1682 Nov 12 j 16:56	0°♐	
	-1682 Dec 06 j 20:55	0°♑	
	-1682 Dec 31 j 07:32	0°♒	
	-1681 Jan 25 j 07:00	0°♓	
asc. node	-1681 Feb 03 j 06:29	10°♓31'49	
	-1681 Feb 20 j 07:31	0°♈	
	-1681 Mar 20 j 15:41	0°♉	
evening max el	-1681 Mar 23 j 13:30	2°♉49'37	45°19'55
	-1681 Apr 29 j 10:17	0°♊	
greatest brilliancy	-1681 Apr 30 j 02:34	0°♊15'25	-4.7m
retrograde	-1681 May 10 j 23:27	2°♊21'31	
	-1681 May 21 j 22:20	30°℞♉	
evening set	-1681 May 25 j 21:45	28°♉04'27	
desc. node	-1681 May 25 j 21:57	28°♉04'12	
inferior conj	-1681 Jun 01 j 09:08	24°♉14'01	-1°30'05
minimum elong	-1681 Jun 01 j 05:51	24°♉19'07	1°29'06
min. Earth dist.	-1681 Jun 01 j 16:51	24°♉02'03	0.28867 AU
morning rise	-1681 Jun 07 j 13:39	20°♉32'15	
direct	-1681 Jun 23 j 02:38	15°♉56'20	
greatest brilliancy	-1681 Jul 03 j 22:12	18°♉02'39	-4.7m
	-1681 Jul 23 j 19:30	0°♊	
morning max el	-1681 Aug 11 j 13:44	16°♊42'24	46°13'10
	-1681 Aug 24 j 14:12	0°♋	
asc. node	-1681 Sep 15 j 23:41	24°♋50'14	
	-1681 Sep 20 j 10:51	0°♌	
	-1681 Oct 15 j 15:22	0°♍	
	-1681 Nov 09 j 01:58	0°♎	
	-1681 Dec 03 j 05:34	0°♏	
	-1681 Dec 27 j 07:52	0°♐	
desc. node	-1680 Jan 05 j 15:10	11°♐34'23	
	-1680 Jan 20 j 11:20	0°♑	
	-1680 Feb 13 j 16:37	0°♒	
morning set	-1680 Feb 15 j 18:23	2°♒33'46	
	-1680 Mar 08 j 23:48	0°♓	
superior conj	-1680 Mar 24 j 23:27	19°♓40'57	-1°08'17
minimum elong	-1680 Mar 25 j 08:23	20°♓08'25	1°08'02
max. Earth dist.	-1680 Mar 26 j 12:53	21°♓36'05	1.73413 AU
	-1680 Apr 02 j 08:48	0°♈	
	-1680 Apr 26 j 19:17	0°♉	
asc. node	-1680 Apr 27 j 16:26	1°♉04'51	
evening rise	-1680 Apr 30 j 20:36	4°♉58'23	
	-1680 May 21 j 06:53	0°♊	
	-1680 Jun 14 j 19:32	0°♋	
	-1680 Jul 09 j 10:08	0°♌	
	-1680 Aug 03 j 04:39	0°♍	
desc. node	-1680 Aug 17 j 07:39	16°♍57'30	
	-1680 Aug 28 j 06:18	0°♎	
	-1680 Sep 22 j 21:07	0°♏	
	-1680 Oct 19 j 17:29	0°♐	

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

evening max el	-1680 Oct 29 j 04:45	9°♐55'22	47°28'34	
	-1680 Nov 19 j 20:20	0°♑		
asc. node	-1680 Dec 08 j 08:48	11°♑35'27		
greatest brilliancy	-1680 Dec 08 j 15:36	11°♑42'07	-4.9m	
retrograde	-1680 Dec 19 j 06:37	13°♑51'37		
evening set	-1679 Jan 04 j 04:22	8°♑46'02		
min. Earth dist.	-1679 Jan 08 j 00:18	6°♑25'25	0.27473 AU	
inferior conj	-1679 Jan 09 j 02:44	5°♑43'47	6°53'17	
minimum elong	-1679 Jan 08 j 17:22	5°♑58'34	6°51'31	
morning rise	-1679 Jan 13 j 07:00	3°♑09'50		
	-1679 Jan 19 j 12:31	30°℞♐		
direct	-1679 Jan 29 j 19:00	27°♐51'22		
greatest brilliancy	-1679 Feb 07 j 12:34	29°♐17'49	-4.8m	
	-1679 Feb 09 j 12:52	0°♑		
morning max el	-1679 Mar 19 j 23:20	28°♑34'09	46°03'37	
	-1679 Mar 21 j 10:45	0°♒		
desc. node	-1679 Mar 30 j 00:34	8°♒33'50		
	-1679 Apr 19 j 05:18	0°♓		
	-1679 May 15 j 22:20	0°♈		
	-1679 Jun 10 j 16:14	0°♉		
	-1679 Jul 05 j 18:46	0°♊		
asc. node	-1679 Jul 21 j 02:02	18°♊36'11		
	-1679 Jul 30 j 09:03	0°♋		
	-1679 Aug 23 j 13:44	0°♌		
morning set	-1679 Sep 13 j 03:04	25°♌45'20		
	-1679 Sep 16 j 12:04	0°♍		
	-1679 Oct 10 j 07:30	0°♎		
superior conj	-1679 Oct 22 j 20:55	15°♎50'10	0°40'32	
minimum elong	-1679 Oct 23 j 06:23	16°♎20'01	0°40'06	
max. Earth dist.	-1679 Oct 23 j 23:28	17°♎13'48	1.70951 AU	
	-1679 Nov 03 j 02:44	0°♏		
desc. node	-1679 Nov 09 j 17:29	8°♏19'38		
	-1679 Nov 26 j 23:23	0°♐		
evening rise	-1679 Dec 04 j 00:03	8°♐48'51		
	-1679 Dec 20 j 22:23	0°♑		
	-1678 Jan 14 j 00:56	0°♒		
	-1678 Feb 07 j 09:06	0°♓		
asc. node	-1678 Mar 02 j 18:37	28°♓25'26		
	-1678 Mar 04 j 02:03	0°♈		
	-1678 Mar 29 j 08:20	0°♉		
	-1678 Apr 24 j 11:52	0°♊		
	-1678 May 22 j 08:35	0°♋		
evening max el	-1678 Jun 02 j 14:27	11°♋07'39	45°29'32	
desc. node	-1678 Jun 22 j 09:51	28°♋14'28		
	-1678 Jun 24 j 19:36	0°♌		
greatest brilliancy	-1678 Jul 11 j 20:17	9°♌14'49	-4.8m	
retrograde	-1678 Jul 21 j 09:38	10°♌53'45		
evening set	-1678 Aug 08 j 01:06	5°♌09'20		
inferior conj	-1678 Aug 11 j 12:18	3°♌04'10	-8°38'19	
minimum elong	-1678 Aug 11 j 07:59	3°♌10'47	8°38'01	
min. Earth dist.	-1678 Aug 12 j 00:20	2°♌45'47	0.27850 AU	
morning rise	-1678 Aug 14 j 14:38	1°♌11'26		
	-1678 Aug 16 j 15:51	30°℞♋		
direct	-1678 Sep 01 j 15:41	25°♋04'58		
greatest brilliancy	-1678 Sep 12 j 16:22	27°♋19'19	-4.9m	
	-1678 Sep 18 j 09:15	0°♌		
asc. node	-1678 Oct 13 j 11:13	19°♌28'34		
morning max el	-1678 Oct 22 j 06:05	28°♌07'38	46°50'13	
	-1678 Oct 24 j 01:52	0°♍		
	-1678 Nov 20 j 07:50	0°♎		
	-1678 Dec 15 j 19:18	0°♏		
	-1677 Jan 09 j 16:22	0°♐		
desc. node	-1677 Feb 02 j 03:06	28°♐29'59		
	-1677 Feb 03 j 08:41	0°♑		
	-1677 Feb 27 j 23:34	0°♒		
	-1677 Mar 24 j 13:52	0°♓		
	-1677 Apr 18 j 03:27	0°♈		
morning set	-1677 Apr 26 j 09:30	10°♈05'33		
	-1677 May 12 j 15:39	0°♉		
asc. node	-1677 May 26 j 04:22	16°♉36'27		
max. Earth dist.	-1677 May 29 j 20:13	21°♉06'26	1.73536 AU	
superior conj	-1677 Jun 01 j 12:53	24°♉25'16	0°14'56	
minimum elong	-1677 Jun 01 j 09:56	24°♉16'14	0°14'50	
behind sun begin	-1677 Jun 01 j 02:12	23°♉52'26		
behind sun end	-1677 Jun 01 j 17:40	24°♉40'01		
	-1677 Jun 06 j 01:41	0°♊		
	-1677 Jun 30 j 09:08	0°♋		
evening rise	-1677 Jul 07 j 04:50	8°♋26'14		
	-1677 Jul 24 j 14:33	0°♌		
	-1677 Aug 17 j 19:16	0°♍		
	-1677 Sep 11 j 00:59	0°♎		
desc. node	-1677 Sep 14 j 19:41	4°♎40'01		
	-1677 Oct 05 j 09:24	0°♏		
	-1677 Oct 29 j 22:54	0°♐		
	-1677 Nov 23 j 22:53	0°♑		
	-1677 Dec 19 j 23:18	0°♒		
asc. node	-1676 Jan 05 j 20:41	18°♒10'13		
evening max el	-1676 Jan 09 j 05:43	21°♒36'25	46°28'52	
	-1676 Jan 17 j 20:51	0°♓		
greatest brilliancy	-1676 Feb 17 j 14:34	21°♓47'49	-4.8m	
retrograde	-1676 Feb 28 j 07:14	23°♓56'00		
evening set	-1676 Mar 16 j 13:13	18°♓11'03		
inferior conj	-1676 Mar 20 j 16:51	15°♓35'30	7°08'32	
minimum elong	-1676 Mar 21 j 01:11	15°♓22'14	7°07'16	
min. Earth dist.	-1676 Mar 20 j 19:30	15°♓31'16	0.29046 AU	
morning rise	-1676 Mar 25 j 13:16	12°♓34'52		
direct	-1676 Apr 11 j 04:26	7°♓15'03		
greatest brilliancy	-1676 Apr 21 j 02:34	9°♓01'35	-4.7m	
desc. node	-1676 Apr 26 j 12:08	11°♓16'53		
	-1676 May 22 j 09:43	0°♈		
morning max el	-1676 May 29 j 23:20	6°♈58'59	45°46'43	
	-1676 Jun 21 j 13:59	0°♉		
	-1676 Jul 18 j 12:35	0°♊		
	-1676 Aug 13 j 01:12	0°♋		
asc. node	-1676 Aug 17 j 13:57	5°♋26'40		
	-1676 Sep 06 j 17:31	0°♌		
	-1676 Sep 30 j 21:25	0°♍		
	-1676 Oct 24 j 19:01	0°♎		
	-1676 Nov 17 j 14:53	0°♏		
morning set	-1676 Nov 27 j 20:08	12°♏51'13		
desc. node	-1676 Dec 07 j 05:24	24°♏38'53		
	-1676 Dec 11 j 11:44	0°♐		
	-1675 Jan 04 j 10:47	0°♑		
superior conj	-1675 Jan 08 j 20:57	5°♑31'28	-1°06'48	
minimum elong	-1675 Jan 08 j 09:47	4°♑56'38	1°06'31	
max. Earth dist.	-1675 Jan 13 j 01:20	10°♑44'35	1.71875 AU	
	-1675 Jan 28 j 12:33	0°♒		
evening rise	-1675 Feb 17 j 21:56	25°♒16'50		
	-1675 Feb 21 j 17:36	0°♓		
	-1675 Mar 18 j 02:50	0°♈		
asc. node	-1675 Mar 30 j 06:32	14°♈51'25		
	-1675 Apr 11 j 17:14	0°♉		
	-1675 May 06 j 13:59	0°♊		
	-1675 May 31 j 19:10	0°♋		
	-1675 Jun 26 j 13:36	0°♌		
desc. node	-1675 Jul 19 j 21:46	26°♌13'21		
	-1675 Jul 23 j 08:57	0°♍		
evening max el	-1675 Aug 14 j 22:34	23°♍26'20	46°46'47	
	-1675 Aug 21 j 19:27	0°♎		
greatest brilliancy	-1675 Sep 24 j 19:46	23°♎40'14	-4.9m	
retrograde	-1675 Oct 04 j 01:30	25°♎16'41		

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

evening set	-1675 Oct 19 j 06:14	20°♎44'44	
inferior conj	-1675 Oct 24 j 14:09	17°♎37'05	-4°05'37
minimum elong	-1675 Oct 24 j 22:41	17°♎24'09	4°03'08
min. Earth dist.	-1675 Oct 24 j 19:53	17°♎28'24	0.26395 AU
morning rise	-1675 Oct 30 j 14:59	14°♎06'46	
asc. node	-1675 Nov 09 j 23:00	10°♎20'43	
direct	-1675 Nov 13 j 21:57	10°♎01'08	
greatest brilliancy	-1675 Nov 24 j 07:38	12°♎05'26	-4.9m
	-1675 Dec 20 j 15:44	0°♏	
morning max el	-1674 Jan 03 j 10:32	13°♏09'41	46°44'48
	-1674 Jan 19 j 11:33	0°♐	
	-1674 Feb 15 j 06:27	0°♑	
desc. node	-1674 Mar 01 j 14:57	16°♑35'52	
	-1674 Mar 13 j 01:58	0°♒	
	-1674 Apr 07 j 10:30	0°♓	
	-1674 May 02 j 12:04	0°♈	
	-1674 May 27 j 07:46	0°♉	
	-1674 Jun 20 j 21:30	0°♊	
asc. node	-1674 Jun 22 j 16:18	2°♊11'23	
morning set	-1674 Jul 02 j 12:09	14°♊17'04	
	-1674 Jul 15 j 05:10	0°♋	
max. Earth dist.	-1674 Aug 04 j 06:14	24°♋56'02	1.72132 AU
superior conj	-1674 Aug 08 j 04:43	29°♋50'50	1°21'28
minimum elong	-1674 Aug 08 j 00:04	29°♋36'21	1°21'25
	-1674 Aug 08 j 07:39	0°♌	
	-1674 Sep 01 j 06:47	0°♍	
evening rise	-1674 Sep 15 j 06:02	17°♍31'08	
	-1674 Sep 25 j 04:51	0°♎	
desc. node	-1674 Oct 12 j 07:39	21°♎26'49	
	-1674 Oct 19 j 03:38	0°♏	
	-1674 Nov 12 j 04:25	0°♐	
	-1674 Dec 06 j 08:42	0°♑	
	-1674 Dec 30 j 19:47	0°♒	
	-1673 Jan 24 j 20:11	0°♓	
asc. node	-1673 Feb 02 j 08:38	9°♓58'15	
	-1673 Feb 19 j 22:46	0°♈	
	-1673 Mar 20 j 13:00	0°♉	
evening max el	-1673 Mar 21 j 05:55	0°♉40'47	45°21'10
greatest brilliancy	-1673 Apr 27 j 18:56	28°♉07'37	-4.7m
	-1673 May 05 j 05:15	0°♊	
retrograde	-1673 May 08 j 15:23	0°♊13'12	
	-1673 May 12 j 00:04	30°℞♉	
evening set	-1673 May 23 j 14:11	25°♉56'05	
desc. node	-1673 May 25 j 00:06	25°♉08'56	
inferior conj	-1673 May 30 j 01:24	22°♉05'22	-1°10'29
minimum elong	-1673 May 29 j 22:49	22°♉09'23	1°09'43
min. Earth dist.	-1673 May 30 j 09:18	21°♉53'04	0.28886 AU
morning rise	-1673 Jun 05 j 07:10	18°♉21'24	
direct	-1673 Jun 20 j 19:22	13°♉47'26	
greatest brilliancy	-1673 Jul 01 j 13:44	15°♉52'28	-4.7m
	-1673 Jul 24 j 04:45	0°♊	
morning max el	-1673 Aug 09 j 04:58	14°♊28'46	46°11'46
	-1673 Aug 24 j 08:09	0°♋	
asc. node	-1673 Sep 15 j 01:38	24°♋13'21	
	-1673 Sep 20 j 01:12	0°♌	
	-1673 Oct 15 j 04:14	0°♍	
	-1673 Nov 08 j 14:06	0°♎	
	-1673 Dec 02 j 17:17	0°♏	
	-1673 Dec 26 j 19:18	0°♐	
desc. node	-1672 Jan 04 j 17:20	11°♐05'51	
	-1672 Jan 19 j 22:32	0°♑	
morning set	-1672 Feb 13 j 07:52	0°♒13'07	
	-1672 Feb 13 j 03:37	0°♒	
	-1672 Mar 08 j 10:39	0°♓	
superior conj	-1672 Mar 22 j 15:57	17°♓30'52	-1°10'11
minimum elong	-1672 Mar 23 j 00:41	17°♓57'45	1°09'57
max. Earth dist.	-1672 Mar 24 j 10:22	19°♓41'22	1.73375 AU
	-1672 Apr 01 j 19:33	0°♈	
	-1672 Apr 26 j 06:04	0°♉	
asc. node	-1672 Apr 26 j 18:31	0°♉38'09	
evening rise	-1672 Apr 28 j 15:02	2°♉54'38	
	-1672 May 20 j 17:48	0°♊	
	-1672 Jun 14 j 06:46	0°♋	
	-1672 Jul 08 j 21:51	0°♌	
	-1672 Aug 02 j 17:06	0°♍	
desc. node	-1672 Aug 16 j 09:42	16°♍24'48	
	-1672 Aug 27 j 19:53	0°♎	
	-1672 Sep 22 j 12:39	0°♏	
	-1672 Oct 19 j 13:22	0°♐	
evening max el	-1672 Oct 26 j 19:24	7°♐33'03	47°28'55
	-1672 Nov 20 j 12:08	0°♑	
greatest brilliancy	-1672 Dec 06 j 07:32	9°♑20'45	-4.9m
asc. node	-1672 Dec 07 j 10:56	9°♑45'58	
retrograde	-1672 Dec 16 j 20:56	11°♑28'42	
evening set	-1671 Jan 01 j 15:36	6°♑28'50	
min. Earth dist.	-1671 Jan 05 j 14:46	4°♑03'32	0.27400 AU
inferior conj	-1671 Jan 06 j 17:01	3°♑22'13	6°40'02
minimum elong	-1671 Jan 06 j 07:26	3°♑37'18	6°38'08
morning rise	-1671 Jan 10 j 23:55	0°♑44'16	
	-1671 Jan 12 j 06:54	30°℞♐	
direct	-1671 Jan 27 j 08:20	25°♐31'03	
greatest brilliancy	-1671 Feb 05 j 02:45	26°♐57'51	-4.8m
	-1671 Feb 12 j 06:48	0°♑	
morning max el	-1671 Mar 17 j 12:34	26°♑14'34	46°04'49
	-1671 Mar 21 j 08:46	0°♒	
desc. node	-1671 Mar 29 j 02:33	7°♒49'02	
	-1671 Apr 18 j 21:03	0°♓	
	-1671 May 15 j 11:43	0°♈	
	-1671 Jun 10 j 04:26	0°♉	
	-1671 Jul 05 j 06:18	0°♊	
asc. node	-1671 Jul 20 j 04:07	18°♊07'55	
	-1671 Jul 29 j 20:15	0°♋	
	-1671 Aug 23 j 00:48	0°♌	
morning set	-1671 Sep 10 j 16:44	23°♌22'41	
	-1671 Sep 15 j 23:07	0°♍	
	-1671 Oct 09 j 18:34	0°♎	
superior conj	-1671 Oct 20 j 07:29	13°♎17'16	0°43'55
minimum elong	-1671 Oct 20 j 17:26	13°♎48'40	0°43'28
max. Earth dist.	-1671 Oct 21 j 01:37	14°♎14'26	1.70955 AU
	-1671 Nov 02 j 13:51	0°♏	
desc. node	-1671 Nov 08 j 19:39	7°♏51'29	
	-1671 Nov 26 j 10:31	0°♐	
evening rise	-1671 Dec 01 j 09:37	6°♐13'28	
	-1671 Dec 20 j 09:34	0°♑	
	-1670 Jan 13 j 12:14	0°♒	
	-1670 Feb 06 j 20:38	0°♓	
asc. node	-1670 Mar 01 j 20:34	27°♓55'20	
	-1670 Mar 03 j 14:03	0°♈	
	-1670 Mar 28 j 21:15	0°♉	
	-1670 Apr 24 j 02:42	0°♊	
	-1670 May 22 j 04:15	0°♋	
evening max el	-1670 May 31 j 03:58	8°♋50'02	45°27'53
desc. node	-1670 Jun 21 j 12:01	27°♋04'26	
	-1670 Jun 25 j 17:34	0°♌	
greatest brilliancy	-1670 Jul 09 j 08:24	6°♌55'30	-4.8m
retrograde	-1670 Jul 18 j 23:14	8°♌35'57	
evening set	-1670 Aug 05 j 11:52	2°♌55'16	
inferior conj	-1670 Aug 09 j 02:22	0°♌45'29	-8°32'47
minimum elong	-1670 Aug 08 j 21:16	0°♌53'16	8°32'23
min. Earth dist.	-1670 Aug 09 j 14:04	0°♌27'36	0.27903 AU
	-1670 Aug 10 j 08:10	30°℞♋	

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

morning rise	-1670 Aug 12 j 06:24	28°♋50'19	
direct	-1670 Aug 30 j 06:02	22°♋45'05	
greatest brilliancy	-1670 Sep 10 j 07:45	25°♋00'18	-4.9m
	-1670 Sep 19 j 22:51	0°♌	
asc. node	-1670 Oct 12 j 13:20	18°♌31'21	
morning max el	-1670 Oct 19 j 20:25	25°♌44'36	46°49'32
	-1670 Oct 23 j 23:18	0°♍	
	-1670 Nov 19 j 23:53	0°♎	
	-1670 Dec 15 j 09:12	0°♏	
	-1669 Jan 09 j 05:08	0°♐	
desc. node	-1669 Feb 01 j 05:08	27°♐59'23	
	-1669 Feb 02 j 20:44	0°♑	
	-1669 Feb 27 j 11:08	0°♒	
	-1669 Mar 24 j 01:06	0°♓	
	-1669 Apr 17 j 14:27	0°♈	
morning set	-1669 Apr 24 j 03:50	8°♈01'18	
	-1669 May 12 j 02:32	0°♉	
asc. node	-1669 May 25 j 06:32	16°♉09'45	
max. Earth dist.	-1669 May 27 j 18:48	19°♉14'56	1.73563 AU
superior conj	-1669 May 30 j 07:39	22°♉22'00	0°11'54
minimum elong	-1669 May 30 j 05:17	22°♉14'45	0°11'49
behind sun begin	-1669 May 29 j 14:23	21°♉28'55	
behind sun end	-1669 May 30 j 20:12	23°♉00'36	
	-1669 Jun 05 j 12:32	0°♊	
	-1669 Jun 29 j 20:05	0°♋	
evening rise	-1669 Jul 04 j 23:28	6°♋21'27	
	-1669 Jul 24 j 01:42	0°♌	
	-1669 Aug 17 j 06:43	0°♍	
	-1669 Sep 10 j 12:50	0°♎	
desc. node	-1669 Sep 13 j 21:41	4°♎09'21	
	-1669 Oct 04 j 21:47	0°♏	
	-1669 Oct 29 j 12:02	0°♐	
	-1669 Nov 23 j 13:16	0°♑	
	-1669 Dec 19 j 16:21	0°♒	
asc. node	-1668 Jan 04 j 22:50	17°♒22'42	
evening max el	-1668 Jan 06 j 21:11	19°♒20'16	46°31'55
	-1668 Jan 17 j 22:59	0°♓	
greatest brilliancy	-1668 Feb 15 j 06:46	19°♓36'46	-4.8m
retrograde	-1668 Feb 26 j 00:38	21°♓46'12	
evening set	-1668 Mar 14 j 08:15	15°♓57'11	
inferior conj	-1668 Mar 18 j 09:31	13°♓25'17	7°18'34
minimum elong	-1668 Mar 18 j 17:32	13°♓12'32	7°17'27
min. Earth dist.	-1668 Mar 18 j 11:01	13°♓22'53	0.29027 AU
morning rise	-1668 Mar 23 j 02:58	10°♓29'17	
direct	-1668 Apr 08 j 20:37	5°♓05'08	
greatest brilliancy	-1668 Apr 18 j 17:23	6°♓50'53	-4.7m
desc. node	-1668 Apr 25 j 14:19	9°♓50'30	
	-1668 May 22 j 11:17	0°♈	
morning max el	-1668 May 27 j 16:33	4°♈52'03	45°46'32
	-1668 Jun 21 j 06:33	0°♉	
	-1668 Jul 18 j 02:23	0°♊	
	-1668 Aug 12 j 13:46	0°♋	
asc. node	-1668 Aug 16 j 15:56	4°♋55'12	
	-1668 Sep 06 j 05:28	0°♌	
	-1668 Sep 30 j 09:03	0°♍	
	-1668 Oct 24 j 06:29	0°♎	
	-1668 Nov 17 j 02:15	0°♏	
morning set	-1668 Nov 25 j 05:46	10°♏14'55	
desc. node	-1668 Dec 06 j 07:30	24°♏09'52	
	-1668 Dec 10 j 23:03	0°♐	
	-1667 Jan 03 j 22:03	0°♑	
superior conj	-1667 Jan 06 j 07:34	2°♑59'41	-1°04'22
minimum elong	-1667 Jan 05 j 20:10	2°♑24'04	1°04'02
max. Earth dist.	-1667 Jan 10 j 11:20	8°♑11'06	1.71821 AU
	-1667 Jan 27 j 23:44	0°♒	
evening rise	-1667 Feb 15 j 11:43	22°♒56'38	
	-1667 Feb 21 j 04:44	0°♓	
	-1667 Mar 17 j 14:02	0°♈	
asc. node	-1667 Mar 29 j 08:41	14°♈23'26	
	-1667 Apr 11 j 04:42	0°♉	
	-1667 May 06 j 01:58	0°♊	
	-1667 May 31 j 08:05	0°♋	
	-1667 Jun 26 j 04:09	0°♌	
desc. node	-1667 Jul 18 j 23:46	25°♌31'37	
	-1667 Jul 23 j 02:54	0°♍	
evening max el	-1667 Aug 12 j 12:53	21°♍05'04	46°43'59
	-1667 Aug 21 j 23:51	0°♎	
greatest brilliancy	-1667 Sep 22 j 07:57	21°♎10'21	-4.9m
retrograde	-1667 Oct 01 j 13:42	22°♎46'10	
evening set	-1667 Oct 16 j 21:02	18°♎10'42	
inferior conj	-1667 Oct 22 j 02:05	15°♎06'47	-4°27'14
minimum elong	-1667 Oct 22 j 11:11	14°♎52'59	4°24'40
min. Earth dist.	-1667 Oct 22 j 08:44	14°♎56'41	0.26419 AU
morning rise	-1667 Oct 28 j 01:12	11°♎38'49	
asc. node	-1667 Nov 09 j 01:09	7°♎37'56	
direct	-1667 Nov 11 j 10:56	7°♎30'43	
greatest brilliancy	-1667 Nov 21 j 20:36	9°♎35'16	-4.9m
	-1667 Dec 20 j 22:10	0°♏	
morning max el	-1666 Jan 01 j 00:23	10°♏44'36	46°45'43
	-1666 Jan 19 j 06:10	0°♐	
	-1666 Feb 14 j 21:29	0°♑	
desc. node	-1666 Feb 28 j 16:55	16°♑00'57	
	-1666 Mar 12 j 15:16	0°♒	
	-1666 Apr 06 j 22:46	0°♓	
	-1666 May 01 j 23:43	0°♈	
	-1666 May 26 j 19:03	0°♉	
	-1666 Jun 20 j 08:35	0°♊	
asc. node	-1666 Jun 21 j 18:21	1°♊43'41	
morning set	-1666 Jun 30 j 06:04	12°♊10'20	
	-1666 Jul 14 j 16:13	0°♋	
max. Earth dist.	-1666 Aug 01 j 18:42	22°♋30'42	1.72193 AU
superior conj	-1666 Aug 05 j 21:18	27°♋38'12	1°20'32
minimum elong	-1666 Aug 05 j 16:04	27°♋21'52	1°20'29
	-1666 Aug 07 j 18:44	0°♌	
	-1666 Aug 31 j 18:00	0°♍	
evening rise	-1666 Sep 12 j 18:49	15°♍05'14	
	-1666 Sep 24 j 16:13	0°♎	
desc. node	-1666 Oct 11 j 09:48	20°♎57'33	
	-1666 Oct 18 j 15:13	0°♏	
	-1666 Nov 11 j 16:12	0°♐	
	-1666 Dec 05 j 20:49	0°♑	
	-1666 Dec 30 j 08:24	0°♒	
	-1665 Jan 24 j 09:48	0°♓	
asc. node	-1665 Feb 01 j 10:36	9°♓22'59	
	-1665 Feb 19 j 14:37	0°♈	
evening max el	-1665 Mar 18 j 21:43	28°♈29'23	45°22'28
	-1665 Mar 20 j 11:35	0°♉	
greatest brilliancy	-1665 Apr 25 j 11:40	25°♉59'28	-4.7m
retrograde	-1665 May 06 j 07:03	28°♉04'25	
evening set	-1665 May 21 j 06:50	23°♉46'52	
desc. node	-1665 May 24 j 02:10	22°♉10'51	
inferior conj	-1665 May 27 j 17:46	19°♉56'18	-0°50'59
minimum elong	-1665 May 27 j 15:54	19°♉59'13	0°50'25
min. Earth dist.	-1665 May 28 j 02:07	19°♉43'16	0.28904 AU
morning rise	-1665 Jun 03 j 00:37	16°♉10'18	
direct	-1665 Jun 18 j 11:44	11°♉38'05	
greatest brilliancy	-1665 Jun 29 j 05:50	13°♉42'24	-4.7m
	-1665 Jul 24 j 11:46	0°♊	
morning max el	-1665 Aug 06 j 19:27	12°♊12'34	46°10'17
	-1665 Aug 24 j 01:59	0°♋	
asc. node	-1665 Sep 14 j 03:47	23°♋36'23	

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

	-1665 Sep 19 j 15:44	0°♌	
	-1665 Oct 14 j 17:23	0°♍	
	-1665 Nov 08 j 02:33	0°♎	
	-1665 Dec 02 j 05:18	0°♏	
	-1665 Dec 26 j 07:00	0°♐	
desc. node	-1664 Jan 03 j 19:22	10°♐36'07	
	-1664 Jan 19 j 09:58	0°♑	
morning set	-1664 Feb 10 j 21:00	27°♑50'31	
	-1664 Feb 12 j 14:51	0°♒	
	-1664 Mar 07 j 21:45	0°♓	
superior conj	-1664 Mar 20 j 08:19	15°♓19'32	-1°11'59
minimum elong	-1664 Mar 20 j 16:49	15°♓45'40	1°11'47
max. Earth dist.	-1664 Mar 22 j 05:56	17°♓39'52	1.73336 AU
	-1664 Apr 01 j 06:36	0°♈	
asc. node	-1664 Apr 25 j 20:42	0°♉11'00	
	-1664 Apr 25 j 17:07	0°♉	
evening rise	-1664 Apr 26 j 09:20	0°♉49'45	
	-1664 May 20 j 04:58	0°♊	
	-1664 Jun 13 j 18:13	0°♋	
	-1664 Jul 08 j 09:48	0°♌	
	-1664 Aug 02 j 05:50	0°♍	
desc. node	-1664 Aug 15 j 11:42	15°♍51'06	
	-1664 Aug 27 j 09:50	0°♎	
	-1664 Sep 22 j 04:44	0°♏	
	-1664 Oct 19 j 10:18	0°♐	
evening max el	-1664 Oct 24 j 09:10	5°♐07'18	47°29'08
	-1664 Nov 21 j 10:09	0°♑	
greatest brilliancy	-1664 Dec 03 j 23:25	6°♑57'33	-4.9m
asc. node	-1664 Dec 06 j 13:00	7°♑50'26	
retrograde	-1664 Dec 14 j 10:50	9°♑03'59	
evening set	-1664 Dec 30 j 02:33	4°♑09'29	
min. Earth dist.	-1663 Jan 03 j 05:13	1°♑39'29	0.27326 AU
inferior conj	-1663 Jan 04 j 07:01	0°♑58'54	6°25'57
minimum elong	-1663 Jan 03 j 21:18	1°♑14'12	6°23'55
	-1663 Jan 05 j 20:36	30°℞♐	
morning rise	-1663 Jan 08 j 16:38	28°♐17'00	
direct	-1663 Jan 24 j 20:59	23°♐08'49	
greatest brilliancy	-1663 Feb 02 j 17:08	24°♐36'45	-4.8m
	-1663 Feb 14 j 00:07	0°♑	
morning max el	-1663 Mar 15 j 01:41	23°♑53'53	46°06'08
	-1663 Mar 21 j 06:14	0°♒	
desc. node	-1663 Mar 28 j 04:48	7°♒04'57	
	-1663 Apr 18 j 12:45	0°♓	
	-1663 May 15 j 01:10	0°♈	
	-1663 Jun 09 j 16:44	0°♉	
	-1663 Jul 04 j 17:57	0°♊	
asc. node	-1663 Jul 19 j 06:10	17°♊39'18	
	-1663 Jul 29 j 07:33	0°♋	
	-1663 Aug 22 j 11:57	0°♌	
morning set	-1663 Sep 08 j 06:41	21°♌00'48	
	-1663 Sep 15 j 10:15	0°♍	
	-1663 Oct 09 j 05:45	0°♎	
superior conj	-1663 Oct 17 j 18:03	10°♎44'01	0°47'12
minimum elong	-1663 Oct 18 j 04:25	11°♎16'40	0°46'46
max. Earth dist.	-1663 Oct 18 j 06:19	11°♎22'41	1.70970 AU
	-1663 Nov 02 j 01:05	0°♏	
desc. node	-1663 Nov 07 j 21:46	7°♏22'41	
	-1663 Nov 25 j 21:49	0°♐	
evening rise	-1663 Nov 28 j 18:47	3°♐36'17	
	-1663 Dec 19 j 20:55	0°♑	
	-1662 Jan 12 j 23:41	0°♒	
	-1662 Feb 06 j 08:18	0°♓	
asc. node	-1662 Feb 28 j 22:44	27°♓25'31	
	-1662 Mar 03 j 02:12	0°♈	
	-1662 Mar 28 j 10:21	0°♉	
	-1662 Apr 23 j 17:50	0°♊	
	-1662 May 22 j 00:38	0°♋	
evening max el	-1662 May 28 j 18:17	6°♋34'22	45°26'22
desc. node	-1662 Jun 20 j 14:04	25°♋52'03	
	-1662 Jun 26 j 23:51	0°♌	
greatest brilliancy	-1662 Jul 06 j 20:01	4°♌35'56	-4.8m
retrograde	-1662 Jul 16 j 13:22	6°♌18'28	
evening set	-1662 Aug 02 j 22:29	0°♌41'49	
	-1662 Aug 04 j 02:58	30°℞♋	
inferior conj	-1662 Aug 06 j 16:27	28°♋27'06	-8°26'28
minimum elong	-1662 Aug 06 j 10:36	28°♋36'02	8°25'57
min. Earth dist.	-1662 Aug 07 j 03:27	28°♋10'20	0.27953 AU
morning rise	-1662 Aug 09 j 22:28	26°♋29'12	
direct	-1662 Aug 27 j 20:59	20°♋25'48	
greatest brilliancy	-1662 Sep 07 j 22:33	22°♋41'14	-4.9m
	-1662 Sep 21 j 01:05	0°♌	
asc. node	-1662 Oct 11 j 15:32	17°♌35'52	
morning max el	-1662 Oct 17 j 11:22	23°♌23'40	46°48'43
	-1662 Oct 23 j 19:54	0°♍	
	-1662 Nov 19 j 15:37	0°♎	
	-1662 Dec 14 j 22:59	0°♏	
	-1661 Jan 08 j 17:52	0°♐	
desc. node	-1661 Jan 31 j 07:11	27°♐28'44	
	-1661 Feb 02 j 08:47	0°♑	
	-1661 Feb 26 j 22:42	0°♒	
	-1661 Mar 23 j 12:18	0°♓	
	-1661 Apr 17 j 01:24	0°♈	
morning set	-1661 Apr 21 j 21:53	5°♈56'16	
	-1661 May 11 j 13:20	0°♉	
asc. node	-1661 May 24 j 08:33	15°♉42'42	
max. Earth dist.	-1661 May 25 j 18:11	17°♉26'04	1.73588 AU
superior conj	-1661 May 28 j 02:16	20°♉18'24	0°08'50
minimum elong	-1661 May 28 j 00:30	20°♉13'00	0°08'46
behind sun begin	-1661 May 27 j 05:50	19°♉15'36	
behind sun end	-1661 May 28 j 19:10	21°♉10'25	
	-1661 Jun 04 j 23:20	0°♊	
	-1661 Jun 29 j 07:00	0°♋	
evening rise	-1661 Jul 02 j 18:11	4°♋17'06	
	-1661 Jul 23 j 12:48	0°♌	
	-1661 Aug 16 j 18:06	0°♍	
	-1661 Sep 10 j 00:35	0°♎	
desc. node	-1661 Sep 12 j 23:53	3°♎39'48	
	-1661 Oct 04 j 10:02	0°♏	
	-1661 Oct 29 j 01:03	0°♐	
	-1661 Nov 23 j 03:37	0°♑	
	-1661 Dec 19 j 09:37	0°♒	
asc. node	-1660 Jan 04 j 00:49	16°♒34'17	
evening max el	-1660 Jan 04 j 13:25	17°♒06'06	46°34'46
	-1660 Jan 18 j 02:39	0°♓	
greatest brilliancy	-1660 Feb 12 j 22:54	17°♓25'22	-4.8m
retrograde	-1660 Feb 23 j 17:57	19°♓35'43	
evening set	-1660 Mar 12 j 03:06	13°♓43'02	
inferior conj	-1660 Mar 16 j 02:01	11°♓14'33	7°28'08
minimum elong	-1660 Mar 16 j 09:39	11°♓02'24	7°27'08
min. Earth dist.	-1660 Mar 16 j 02:08	11°♓14'20	0.29004 AU
morning rise	-1660 Mar 20 j 16:26	8°♓23'13	
direct	-1660 Apr 06 j 13:01	2°♓54'59	
greatest brilliancy	-1660 Apr 16 j 07:32	4°♓39'18	-4.7m
desc. node	-1660 Apr 24 j 16:24	8°♓26'46	
	-1660 May 22 j 11:29	0°♈	
morning max el	-1660 May 25 j 09:31	2°♈44'54	45°46'20
	-1660 Jun 20 j 22:40	0°♉	
	-1660 Jul 17 j 15:53	0°♊	
	-1660 Aug 12 j 02:06	0°♋	
asc. node	-1660 Aug 15 j 18:03	4°♋24'48	
	-1660 Sep 05 j 17:12	0°♌	

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

	-1660 Sep 29 j 20:27	0°♍	
	-1660 Oct 23 j 17:41	0°♎	
	-1660 Nov 16 j 13:20	0°♏	
morning set	-1660 Nov 22 j 15:56	7°♏41'10	
desc. node	-1660 Dec 05 j 09:31	23°♏41'35	
	-1660 Dec 10 j 10:04	0°♐	
	-1659 Jan 03 j 09:00	0°♑	
superior conj	-1659 Jan 03 j 18:16	0°♑28'57	-1°01'48
minimum elong	-1659 Jan 03 j 06:42	29°♐52'51	1°01'26
max. Earth dist.	-1659 Jan 08 j 00:17	5°♑47'34	1.71771 AU
	-1659 Jan 27 j 10:38	0°♒	
evening rise	-1659 Feb 13 j 01:19	20°♒36'33	
	-1659 Feb 20 j 15:38	0°♓	
	-1659 Mar 17 j 01:02	0°♈	
asc. node	-1659 Mar 28 j 10:48	13°♈56'05	
	-1659 Apr 10 j 15:58	0°♉	
	-1659 May 05 j 13:46	0°♊	
	-1659 May 30 j 20:49	0°♋	
	-1659 Jun 25 j 18:36	0°♌	
desc. node	-1659 Jul 18 j 01:50	24°♌50'24	
	-1659 Jul 22 j 20:59	0°♍	
evening max el	-1659 Aug 10 j 02:45	18°♍43'31	46°41'02
	-1659 Aug 22 j 05:49	0°♎	
greatest brilliancy	-1659 Sep 19 j 20:37	18°♎42'00	-4.9m
retrograde	-1659 Sep 29 j 01:24	20°♎16'32	
evening set	-1659 Oct 14 j 11:58	15°♎37'39	
inferior conj	-1659 Oct 19 j 14:01	12°♎37'38	-4°48'21
minimum elong	-1659 Oct 19 j 23:36	12°♎23'06	4°45'44
min. Earth dist.	-1659 Oct 19 j 21:52	12°♎25'44	0.26441 AU
morning rise	-1659 Oct 25 j 11:05	9°♎12'09	
asc. node	-1659 Nov 08 j 03:08	5°♎02'21	
direct	-1659 Nov 08 j 23:32	5°♎01'27	
greatest brilliancy	-1659 Nov 19 j 09:54	7°♎06'27	-4.9m
	-1659 Dec 21 j 02:07	0°♏	
morning max el	-1659 Dec 29 j 13:10	8°♏17'55	46°46'46
	-1658 Jan 18 j 23:52	0°♐	
	-1658 Feb 14 j 11:53	0°♑	
desc. node	-1658 Feb 27 j 19:09	15°♑28'17	
	-1658 Mar 12 j 04:03	0°♒	
	-1658 Apr 06 j 10:38	0°♓	
	-1658 May 01 j 11:01	0°♈	
	-1658 May 26 j 06:00	0°♉	
	-1658 Jun 19 j 19:21	0°♊	
asc. node	-1658 Jun 20 j 20:24	1°♊16'56	
morning set	-1658 Jun 27 j 23:53	10°♊04'24	
	-1658 Jul 14 j 02:54	0°♋	
max. Earth dist.	-1658 Jul 30 j 08:45	20°♋11'33	1.72256 AU
superior conj	-1658 Aug 03 j 13:56	25°♋26'56	1°19'29
minimum elong	-1658 Aug 03 j 08:10	25°♋08'56	1°19'25
	-1658 Aug 07 j 05:28	0°♌	
	-1658 Aug 31 j 04:52	0°♍	
evening rise	-1658 Sep 10 j 07:50	12°♍41'13	
	-1658 Sep 24 j 03:17	0°♎	
desc. node	-1658 Oct 10 j 11:52	20°♎28'58	
	-1658 Oct 18 j 02:29	0°♏	
	-1658 Nov 11 j 03:41	0°♐	
	-1658 Dec 05 j 08:33	0°♑	
	-1658 Dec 29 j 20:38	0°♒	
	-1657 Jan 23 j 23:02	0°♓	
asc. node	-1657 Jan 31 j 12:48	8°♓49'36	
	-1657 Feb 19 j 06:11	0°♈	
evening max el	-1657 Mar 16 j 12:43	26°♈17'19	45°23'45
	-1657 Mar 20 j 10:32	0°♉	
greatest brilliancy	-1657 Apr 23 j 04:24	23°♉52'34	-4.7m
retrograde	-1657 May 03 j 22:52	25°♉57'15	
evening set	-1657 May 18 j 23:43	21°♉38'42	
desc. node	-1657 May 23 j 04:13	19°♉12'33	
inferior conj	-1657 May 25 j 10:16	17°♉48'42	-0°31'28
minimum elong	-1657 May 25 j 09:07	17°♉50'30	0°31'06
min. Earth dist.	-1657 May 25 j 19:14	17°♉34'42	0.28927 AU
morning rise	-1657 May 31 j 18:05	14°♉00'57	
direct	-1657 Jun 16 j 03:49	9°♉30'00	
greatest brilliancy	-1657 Jun 26 j 22:42	11°♉34'27	-4.7m
	-1657 Jul 24 j 16:11	0°♊	
morning max el	-1657 Aug 04 j 10:04	9°♊57'52	46°08'55
	-1657 Aug 23 j 19:03	0°♋	
asc. node	-1657 Sep 13 j 05:59	23°♋00'55	
	-1657 Sep 19 j 05:44	0°♌	
	-1657 Oct 14 j 06:05	0°♍	
	-1657 Nov 07 j 14:35	0°♎	
	-1657 Dec 01 j 16:56	0°♏	
	-1657 Dec 25 j 18:20	0°♐	
desc. node	-1656 Jan 02 j 21:25	10°♐07'31	
	-1656 Jan 18 j 21:01	0°♑	
morning set	-1656 Feb 08 j 10:15	25°♑29'21	
	-1656 Feb 12 j 01:41	0°♒	
	-1656 Mar 07 j 08:26	0°♓	
superior conj	-1656 Mar 18 j 00:57	13°♓10'19	-1°13'40
minimum elong	-1656 Mar 18 j 09:09	13°♓35'30	1°13'28
max. Earth dist.	-1656 Mar 20 j 00:54	15°♓37'52	1.73296 AU
	-1656 Mar 31 j 17:12	0°♈	
evening rise	-1656 Apr 24 j 03:53	28°♈46'48	
asc. node	-1656 Apr 24 j 22:43	29°♈44'32	
	-1656 Apr 25 j 03:46	0°♉	
	-1656 May 19 j 15:47	0°♊	
	-1656 Jun 13 j 05:22	0°♋	
	-1656 Jul 07 j 21:29	0°♌	
	-1656 Aug 01 j 18:19	0°♍	
desc. node	-1656 Aug 14 j 13:55	15°♍18'53	
	-1656 Aug 26 j 23:35	0°♎	
	-1656 Sep 21 j 20:42	0°♏	
	-1656 Oct 19 j 07:34	0°♐	
evening max el	-1656 Oct 21 j 22:44	2°♐42'06	47°29'16
	-1656 Nov 22 j 15:50	0°♑	
greatest brilliancy	-1656 Dec 01 j 14:50	4°♑34'23	-4.9m
asc. node	-1656 Dec 05 j 15:06	5°♑51'01	
retrograde	-1656 Dec 12 j 00:53	6°♑40'04	
evening set	-1656 Dec 27 j 13:31	1°♑50'22	
	-1656 Dec 30 j 15:18	30°℞♐	
min. Earth dist.	-1656 Dec 31 j 19:32	29°♐16'02	0.27253 AU
inferior conj	-1655 Jan 01 j 20:57	28°♐36'09	6°10'59
minimum elong	-1655 Jan 01 j 11:10	28°♐51'31	6°08'50
morning rise	-1655 Jan 06 j 09:23	25°♐50'25	
direct	-1655 Jan 22 j 09:36	20°♐46'57	
greatest brilliancy	-1655 Jan 31 j 07:28	22°♐16'17	-4.8m
	-1655 Feb 15 j 04:19	0°♑	
morning max el	-1655 Mar 12 j 15:39	21°♑36'11	46°07'41
	-1655 Mar 21 j 02:33	0°♒	
desc. node	-1655 Mar 27 j 06:49	6°♒21'56	
	-1655 Apr 18 j 03:49	0°♓	
	-1655 May 14 j 14:06	0°♈	
	-1655 Jun 09 j 04:37	0°♉	
	-1655 Jul 04 j 05:17	0°♊	
asc. node	-1655 Jul 18 j 08:20	17°♊11'49	
	-1655 Jul 28 j 18:36	0°♋	
	-1655 Aug 21 j 22:53	0°♌	
morning set	-1655 Sep 05 j 20:49	18°♌40'14	
	-1655 Sep 14 j 21:10	0°♍	
	-1655 Oct 08 j 16:42	0°♎	
superior conj	-1655 Oct 15 j 04:43	8°♎11'46	0°50'22

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

minimum elong	-1655 Oct 15 j 15:23	8°♎45'24	0°49'57
max. Earth dist.	-1655 Oct 15 j 14:10	8°♎41'33	1.70984 AU
	-1655 Nov 01 j 12:05	0°♏	
desc. node	-1655 Nov 06 j 23:45	6°♏54'14	
	-1655 Nov 25 j 08:53	0°♐	
evening rise	-1655 Nov 26 j 03:59	0°♐59'55	
	-1655 Dec 19 j 08:05	0°♑	
	-1654 Jan 12 j 10:59	0°♒	
	-1654 Feb 05 j 19:49	0°♓	
asc. node	-1654 Feb 28 j 00:54	26°♓56'14	
	-1654 Mar 02 j 14:09	0°♈	
	-1654 Mar 27 j 23:16	0°♉	
	-1654 Apr 23 j 08:52	0°♊	
	-1654 May 21 j 21:20	0°♋	
evening max el	-1654 May 26 j 09:30	4°♋21'53	45°24'50
desc. node	-1654 Jun 19 j 16:08	24°♋38'29	
	-1654 Jun 28 j 19:10	0°♌	
greatest brilliancy	-1654 Jul 04 j 07:30	2°♌17'24	-4.7m
retrograde	-1654 Jul 14 j 03:43	4°♌01'59	
	-1654 Jul 28 j 15:49	30°℞♋	
evening set	-1654 Jul 31 j 09:09	28°♋29'42	
inferior conj	-1654 Aug 04 j 06:40	26°♋09'41	-8°19'22
minimum elong	-1654 Aug 04 j 00:08	26°♋19'38	8°18'42
min. Earth dist.	-1654 Aug 04 j 16:43	25°♋54'22	0.28004 AU
morning rise	-1654 Aug 07 j 14:55	24°♋08'33	
direct	-1654 Aug 25 j 12:32	18°♋07'38	
greatest brilliancy	-1654 Sep 05 j 12:56	20°♋22'21	-4.9m
	-1654 Sep 21 j 20:09	0°♌	
asc. node	-1654 Oct 10 j 17:30	16°♌41'09	
morning max el	-1654 Oct 15 j 02:37	21°♌03'58	46°47'46
	-1654 Oct 23 j 15:47	0°♍	
	-1654 Nov 19 j 07:03	0°♎	
	-1654 Dec 14 j 12:34	0°♏	
	-1653 Jan 08 j 06:26	0°♐	
desc. node	-1653 Jan 30 j 09:22	26°♐58'48	
	-1653 Feb 01 j 20:43	0°♑	
	-1653 Feb 26 j 10:10	0°♒	
	-1653 Mar 22 j 23:25	0°♓	
	-1653 Apr 16 j 12:15	0°♈	
morning set	-1653 Apr 19 j 16:10	3°♈52'11	
	-1653 May 11 j 00:03	0°♉	
asc. node	-1653 May 23 j 10:39	15°♉16'19	
max. Earth dist.	-1653 May 23 j 18:05	15°♉39'09	1.73605 AU
superior conj	-1653 May 25 j 21:12	18°♉16'11	0°05'47
minimum elong	-1653 May 25 j 20:02	18°♉12'38	0°05'45
behind sun begin	-1653 May 24 j 23:10	17°♉08'31	
behind sun end	-1653 May 26 j 16:54	19°♉16'46	
	-1653 Jun 04 j 10:02	0°♊	
	-1653 Jun 28 j 17:48	0°♋	
evening rise	-1653 Jun 30 j 13:17	2°♋14'21	
	-1653 Jul 22 j 23:50	0°♌	
	-1653 Aug 16 j 05:27	0°♍	
	-1653 Sep 09 j 12:22	0°♎	
desc. node	-1653 Sep 12 j 01:56	3°♎09'36	
	-1653 Oct 03 j 22:24	0°♏	
	-1653 Oct 28 j 14:14	0°♐	
	-1653 Nov 22 j 18:12	0°♑	
	-1653 Dec 19 j 03:20	0°♒	
evening max el	-1652 Jan 02 j 05:43	14°♒51'41	46°37'35
asc. node	-1652 Jan 03 j 03:00	15°♒45'15	
	-1652 Jan 18 j 08:17	0°♓	
greatest brilliancy	-1652 Feb 10 j 15:26	15°♓13'59	-4.8m
retrograde	-1652 Feb 21 j 10:57	17°♓24'32	
evening set	-1652 Mar 09 j 21:50	11°♓28'31	
inferior conj	-1652 Mar 13 j 18:26	9°♓03'16	7°37'11
minimum elong	-1652 Mar 14 j 01:40	8°♓51'46	7°36'17
min. Earth dist.	-1652 Mar 13 j 17:15	9°♓05'11	0.28975 AU
morning rise	-1652 Mar 18 j 05:46	6°♓16'30	
direct	-1652 Apr 04 j 05:34	0°♓44'26	
greatest brilliancy	-1652 Apr 13 j 21:27	2°♓26'56	-4.7m
desc. node	-1652 Apr 23 j 18:25	7°♓05'10	
	-1652 May 22 j 10:42	0°♈	
morning max el	-1652 May 23 j 01:47	0°♈35'51	45°46'20
	-1652 Jun 20 j 14:32	0°♉	
	-1652 Jul 17 j 05:18	0°♊	
	-1652 Aug 11 j 14:24	0°♋	
asc. node	-1652 Aug 14 j 20:13	3°♋54'36	
	-1652 Sep 05 j 04:56	0°♌	
	-1652 Sep 29 j 07:55	0°♍	
	-1652 Oct 23 j 05:02	0°♎	
	-1652 Nov 16 j 00:38	0°♏	
morning set	-1652 Nov 20 j 01:44	5°♏05'34	
desc. node	-1652 Dec 04 j 11:41	23°♏13'00	
	-1652 Dec 09 j 21:18	0°♐	
superior conj	-1651 Jan 01 j 04:21	27°♐55'37	-0°59'02
minimum elong	-1652 Dec 31 j 16:45	27°♐19'22	0°58'40
	-1651 Jan 02 j 20:10	0°♑	
max. Earth dist.	-1651 Jan 05 j 13:32	3°♑24'15	1.71717 AU
	-1651 Jan 26 j 21:44	0°♒	
evening rise	-1651 Feb 10 j 14:24	18°♒14'06	
	-1651 Feb 20 j 02:45	0°♓	
	-1651 Mar 16 j 12:16	0°♈	
asc. node	-1651 Mar 27 j 12:49	13°♈27'41	
	-1651 Apr 10 j 03:30	0°♉	
	-1651 May 05 j 01:49	0°♊	
	-1651 May 30 j 09:48	0°♋	
	-1651 Jun 25 j 09:20	0°♌	
desc. node	-1651 Jul 17 j 04:02	24°♌08'47	
	-1651 Jul 22 j 15:36	0°♍	
evening max el	-1651 Aug 07 j 15:37	16°♍19'29	46°38'03
	-1651 Aug 22 j 14:09	0°♎	
greatest brilliancy	-1651 Sep 17 j 09:42	16°♎14'15	-4.9m
retrograde	-1651 Sep 26 j 12:40	17°♎47'08	
evening set	-1651 Oct 12 j 03:08	13°♎04'27	
inferior conj	-1651 Oct 17 j 02:09	10°♎08'36	-5°08'45
minimum elong	-1651 Oct 17 j 12:08	9°♎53'26	5°06'06
min. Earth dist.	-1651 Oct 17 j 11:23	9°♎54'34	0.26473 AU
morning rise	-1651 Oct 22 j 20:55	6°♎45'48	
direct	-1651 Nov 06 j 11:52	2°♎31'55	
asc. node	-1651 Nov 07 j 05:18	2°♎32'34	
greatest brilliancy	-1651 Nov 16 j 24:00	4°♎38'03	-4.9m
	-1651 Dec 21 j 04:53	0°♏	
morning max el	-1651 Dec 27 j 01:17	5°♏48'09	46°47'38
	-1650 Jan 18 j 17:36	0°♐	
	-1650 Feb 14 j 02:31	0°♑	
desc. node	-1650 Feb 26 j 21:13	14°♑54'04	
	-1650 Mar 11 j 17:07	0°♒	
	-1650 Apr 05 j 22:47	0°♓	
	-1650 Apr 30 j 22:37	0°♈	
	-1650 May 25 j 17:16	0°♉	
	-1650 Jun 19 j 06:25	0°♊	
asc. node	-1650 Jun 19 j 22:36	0°♊49'42	
morning set	-1650 Jun 25 j 17:52	7°♊57'59	
	-1650 Jul 13 j 13:54	0°♋	
max. Earth dist.	-1650 Jul 28 j 01:09	17°♋58'53	1.72314 AU
superior conj	-1650 Aug 01 j 07:01	23°♋16'12	1°18'20
minimum elong	-1650 Aug 01 j 00:43	22°♋56'36	1°18'14
	-1650 Aug 06 j 16:29	0°♌	
	-1650 Aug 30 j 15:59	0°♍	
evening rise	-1650 Sep 07 j 21:32	10°♍18'43	
	-1650 Sep 23 j 14:36	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	-1650 Oct 09 j 13:54	19°♎59'32	
	-1650 Oct 17 j 14:01	0°♏	
	-1650 Nov 10 j 15:29	0°♐	
	-1650 Dec 04 j 20:42	0°♑	
	-1650 Dec 29 j 09:22	0°♒	
	-1649 Jan 23 j 12:54	0°♓	
asc. node	-1649 Jan 30 j 14:55	8°♓14'17	
	-1649 Feb 18 j 22:36	0°♈	
evening max el	-1649 Mar 14 j 03:00	24°♈01'53	45°25'16
	-1649 Mar 20 j 11:18	0°♉	
greatest brilliancy	-1649 Apr 20 j 20:34	21°♉43'16	-4.7m
retrograde	-1649 May 01 j 14:52	23°♉48'24	
evening set	-1649 May 16 j 16:34	19°♉28'20	
desc. node	-1649 May 22 j 06:22	16°♉10'45	
inferior conj	-1649 May 23 j 02:35	15°♉39'14	-0°11'46
minimum elong	-1649 May 23 j 02:09	15°♉39'54	0°11'37
transit middle	-1649 May 23 j 02:09	15°♉39'54	0°11'37
transit begin	-1649 May 22 j 23:19	15°♉44'20	
transit end	-1649 May 23 j 04:59	15°♉35'29	
min. Earth dist.	-1649 May 23 j 12:04	15°♉24'25	0.28948 AU
morning rise	-1649 May 29 j 11:15	11°♉50'07	
direct	-1649 Jun 13 j 19:39	7°♉19'53	
greatest brilliancy	-1649 Jun 24 j 15:35	9°♉25'03	-4.7m
	-1649 Jul 24 j 19:29	0°♊	
morning max el	-1649 Aug 02 j 01:19	7°♊43'34	46°07'47
	-1649 Aug 23 j 12:11	0°♋	
asc. node	-1649 Sep 12 j 07:56	22°♋23'58	
	-1649 Sep 18 j 19:56	0°♌	
	-1649 Oct 13 j 19:01	0°♍	
	-1649 Nov 07 j 02:52	0°♎	
	-1649 Dec 01 j 04:49	0°♏	
	-1649 Dec 25 j 05:57	0°♐	
desc. node	-1648 Jan 01 j 23:36	9°♐38'18	
	-1648 Jan 18 j 08:26	0°♑	
morning set	-1648 Feb 05 j 22:55	23°♑04'57	
	-1648 Feb 11 j 12:57	0°♒	
	-1648 Mar 06 j 19:35	0°♓	
superior conj	-1648 Mar 15 j 17:00	10°♓57'45	-1°15'15
minimum elong	-1648 Mar 16 j 00:49	11°♓21'50	1°15'05
max. Earth dist.	-1648 Mar 17 j 17:56	13°♓28'27	1.73256 AU
	-1648 Mar 31 j 04:17	0°♈	
evening rise	-1648 Apr 21 j 21:54	26°♈40'54	
asc. node	-1648 Apr 24 j 00:49	29°♈16'56	
	-1648 Apr 24 j 14:52	0°♉	
	-1648 May 19 j 03:04	0°♊	
	-1648 Jun 12 j 16:58	0°♋	
	-1648 Jul 07 j 09:38	0°♌	
	-1648 Aug 01 j 07:18	0°♍	
desc. node	-1648 Aug 13 j 15:56	14°♍44'44	
	-1648 Aug 26 j 13:50	0°♎	
	-1648 Sep 21 j 13:16	0°♏	
	-1648 Oct 19 j 05:53	0°♐	
evening max el	-1648 Oct 19 j 12:52	0°♐17'47	47°29'29
	-1648 Nov 24 j 11:19	0°♑	
greatest brilliancy	-1648 Nov 29 j 05:34	2°♑09'51	-4.9m
asc. node	-1648 Dec 04 j 17:14	3°♑46'18	
retrograde	-1648 Dec 09 j 15:25	4°♑15'41	
	-1648 Dec 24 j 03:21	30°℞♐	
evening set	-1648 Dec 25 j 00:39	29°♐30'17	
min. Earth dist.	-1648 Dec 29 j 09:33	26°♐52'19	0.27187 AU
inferior conj	-1648 Dec 30 j 10:55	26°♐12'38	5°55'12
minimum elong	-1648 Dec 30 j 01:09	26°♐27'55	5°52'57
morning rise	-1647 Jan 04 j 02:13	23°♐23'15	
direct	-1647 Jan 19 j 22:47	18°♐24'16	
greatest brilliancy	-1647 Jan 28 j 21:29	19°♐54'40	-4.8m
	-1647 Feb 16 j 01:20	0°♑	
morning max el	-1647 Mar 10 j 06:31	19°♑19'24	46°08'56
	-1647 Mar 20 j 22:43	0°♒	
desc. node	-1647 Mar 26 j 08:52	5°♒38'18	
	-1647 Apr 17 j 19:10	0°♓	
	-1647 May 14 j 03:27	0°♈	
	-1647 Jun 08 j 16:54	0°♉	
	-1647 Jul 03 j 16:58	0°♊	
asc. node	-1647 Jul 17 j 10:25	16°♊43'00	
	-1647 Jul 28 j 05:59	0°♋	
	-1647 Aug 21 j 10:09	0°♌	
morning set	-1647 Sep 03 j 10:56	16°♌18'42	
	-1647 Sep 14 j 08:25	0°♍	
	-1647 Oct 08 j 03:58	0°♎	
superior conj	-1647 Oct 12 j 15:37	5°♎39'15	0°53'26
minimum elong	-1647 Oct 13 j 02:29	6°♎13'32	0°53'00
max. Earth dist.	-1647 Oct 12 j 22:15	6°♎00'13	1.70994 AU
	-1647 Oct 31 j 23:23	0°♏	
desc. node	-1647 Nov 06 j 01:56	6°♏25'32	
evening rise	-1647 Nov 23 j 13:26	28°♏23'30	
	-1647 Nov 24 j 20:12	0°♐	
	-1647 Dec 18 j 19:28	0°♑	
	-1646 Jan 11 j 22:29	0°♒	
	-1646 Feb 05 j 07:35	0°♓	
asc. node	-1646 Feb 27 j 02:51	26°♓25'26	
	-1646 Mar 02 j 02:27	0°♈	
	-1646 Mar 27 j 12:39	0°♉	
	-1646 Apr 23 j 00:33	0°♊	
	-1646 May 21 j 19:20	0°♋	
evening max el	-1646 May 24 j 01:04	2°♋09'00	45°23'22
desc. node	-1646 Jun 18 j 18:19	23°♋21'27	
	-1646 Jul 01 j 21:28	0°♌	
greatest brilliancy	-1646 Jul 01 j 19:29	29°♋58'20	-4.7m
retrograde	-1646 Jul 11 j 17:51	1°♌44'08	
	-1646 Jul 21 j 03:27	30°℞♋	
evening set	-1646 Jul 28 j 19:41	26°♋16'47	
inferior conj	-1646 Aug 01 j 20:49	23°♋51'11	-8°11'28
minimum elong	-1646 Aug 01 j 13:40	24°♋02'06	8°10'40
min. Earth dist.	-1646 Aug 02 j 05:59	23°♋37'11	0.28050 AU
morning rise	-1646 Aug 05 j 07:27	21°♋46'23	
direct	-1646 Aug 23 j 03:56	15°♋48'38	
greatest brilliancy	-1646 Sep 03 j 02:49	18°♋01'54	-4.8m
	-1646 Sep 22 j 10:50	0°♌	
asc. node	-1646 Oct 09 j 19:43	15°♌47'11	
morning max el	-1646 Oct 12 j 17:13	18°♌41'51	46°46'46
	-1646 Oct 23 j 11:23	0°♍	
	-1646 Nov 18 j 22:30	0°♎	
	-1646 Dec 14 j 02:14	0°♏	
	-1645 Jan 07 j 19:06	0°♐	
desc. node	-1645 Jan 29 j 11:24	26°♐28'09	
	-1645 Feb 01 j 08:44	0°♑	
	-1645 Feb 25 j 21:44	0°♒	
	-1645 Mar 22 j 10:39	0°♓	
	-1645 Apr 15 j 23:16	0°♈	
morning set	-1645 Apr 17 j 10:23	1°♈47'24	
	-1645 May 10 j 10:58	0°♉	
max. Earth dist.	-1645 May 21 j 16:08	13°♉45'53	1.73624 AU
asc. node	-1645 May 22 j 12:50	14°♉49'28	
superior conj	-1645 May 23 j 15:56	16°♉12'44	0°02'42
minimum elong	-1645 May 23 j 15:23	16°♉11'00	0°02'42
behind sun begin	-1645 May 22 j 17:27	15°♉03'37	
behind sun end	-1645 May 24 j 13:19	17°♉18'25	
	-1645 Jun 03 j 20:58	0°♊	
evening rise	-1645 Jun 28 j 08:04	0°♋09'56	
	-1645 Jun 28 j 04:51	0°♋	
	-1645 Jul 22 j 11:05	0°♌	

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

	-1645 Aug 15 j 17:01	0°♍	
	-1645 Sep 09 j 00:22	0°♎	
desc. node	-1645 Sep 11 j 03:57	2°♎38'44	
	-1645 Oct 03 j 10:59	0°♏	
	-1645 Oct 28 j 03:40	0°♐	
	-1645 Nov 22 j 09:05	0°♑	
	-1645 Dec 18 j 21:32	0°♒	
evening max el	-1645 Dec 30 j 21:37	12°♒35'54	46°40'28
asc. node	-1644 Jan 02 j 05:09	14°♒55'11	
	-1644 Jan 18 j 16:11	0°♓	
greatest brilliancy	-1644 Feb 08 j 08:39	13°♓03'39	-4.8m
retrograde	-1644 Feb 19 j 03:45	15°♓13'42	
evening set	-1644 Mar 07 j 16:37	9°♓14'49	
inferior conj	-1644 Mar 11 j 11:03	6°♓52'34	7°45'26
minimum elong	-1644 Mar 11 j 17:49	6°♓41'47	7°44'40
min. Earth dist.	-1644 Mar 11 j 08:40	6°♓56'22	0.28943 AU
morning rise	-1644 Mar 15 j 19:18	4°♓10'09	
	-1644 Mar 24 j 11:22	30°℞♒	
direct	-1644 Apr 01 j 22:00	28°♒34'35	
	-1644 Apr 10 j 16:54	0°♓	
greatest brilliancy	-1644 Apr 11 j 11:42	0°♓15'14	-4.7m
desc. node	-1644 Apr 22 j 20:37	5°♓46'40	
morning max el	-1644 May 20 j 17:15	28°♓24'49	45°46'10
	-1644 May 22 j 08:58	0°♈	
	-1644 Jun 20 j 06:15	0°♉	
	-1644 Jul 16 j 18:44	0°♊	
	-1644 Aug 11 j 02:46	0°♋	
asc. node	-1644 Aug 13 j 22:14	3°♋23'37	
	-1644 Sep 04 j 16:45	0°♌	
	-1644 Sep 28 j 19:25	0°♍	
	-1644 Oct 22 j 16:24	0°♎	
	-1644 Nov 15 j 11:55	0°♏	
morning set	-1644 Nov 17 j 11:28	2°♏29'41	
desc. node	-1644 Dec 03 j 13:46	22°♏44'16	
	-1644 Dec 09 j 08:32	0°♐	
superior conj	-1644 Dec 29 j 14:27	25°♐22'16	-0°56'10
minimum elong	-1644 Dec 29 j 02:56	24°♐46'13	0°55'47
	-1643 Jan 02 j 07:19	0°♑	
max. Earth dist.	-1643 Jan 03 j 00:56	0°♑55'03	1.71660 AU
	-1643 Jan 26 j 08:48	0°♒	
evening rise	-1643 Feb 08 j 03:31	15°♒51'47	
	-1643 Feb 19 j 13:48	0°♓	
	-1643 Mar 15 j 23:25	0°♈	
asc. node	-1643 Mar 26 j 15:00	13°♈00'10	
	-1643 Apr 09 j 14:55	0°♉	
	-1643 May 04 j 13:48	0°♊	
	-1643 May 29 j 22:48	0°♋	
	-1643 Jun 25 j 00:15	0°♌	
desc. node	-1643 Jul 16 j 06:02	23°♌25'59	
	-1643 Jul 22 j 10:45	0°♍	
evening max el	-1643 Aug 05 j 03:36	13°♍53'12	46°35'02
	-1643 Aug 23 j 01:28	0°♎	
greatest brilliancy	-1643 Sep 14 j 22:55	13°♎46'32	-4.9m
retrograde	-1643 Sep 23 j 23:47	15°♎17'53	
evening set	-1643 Oct 09 j 18:17	10°♎30'56	
inferior conj	-1643 Oct 14 j 14:13	7°♎39'38	-5°28'24
minimum elong	-1643 Oct 15 j 00:32	7°♎23'58	5°25'45
min. Earth dist.	-1643 Oct 15 j 00:57	7°♎23'20	0.26508 AU
morning rise	-1643 Oct 20 j 06:28	4°♎19'59	
direct	-1643 Nov 03 j 23:44	0°♎02'12	
asc. node	-1643 Nov 06 j 07:28	0°♎08'42	
greatest brilliancy	-1643 Nov 14 j 14:19	2°♎10'08	-4.9m
	-1643 Dec 21 j 06:07	0°♏	
morning max el	-1643 Dec 24 j 13:32	3°♏18'55	46°48'34
	-1642 Jan 18 j 10:48	0°♐	
	-1642 Feb 13 j 16:49	0°♑	
desc. node	-1642 Feb 25 j 23:12	14°♑20'22	
	-1642 Mar 11 j 05:55	0°♒	
	-1642 Apr 05 j 10:41	0°♓	
	-1642 Apr 30 j 09:57	0°♈	
	-1642 May 25 j 04:15	0°♉	
	-1642 Jun 18 j 17:14	0°♊	
asc. node	-1642 Jun 19 j 00:39	0°♊22'47	
morning set	-1642 Jun 23 j 12:05	5°♊53'01	
	-1642 Jul 13 j 00:41	0°♋	
max. Earth dist.	-1642 Jul 25 j 19:18	15°♋52'18	1.72379 AU
superior conj	-1642 Jul 30 j 00:06	21°♋06'08	1°17'03
minimum elong	-1642 Jul 29 j 17:20	20°♋45'04	1°16'57
	-1642 Aug 06 j 03:20	0°♌	
	-1642 Aug 30 j 03:00	0°♍	
evening rise	-1642 Sep 05 j 11:13	7°♍56'38	
	-1642 Sep 23 j 01:47	0°♎	
desc. node	-1642 Oct 08 j 16:04	19°♎30'58	
	-1642 Oct 17 j 01:25	0°♏	
	-1642 Nov 10 j 03:07	0°♐	
	-1642 Dec 04 j 08:42	0°♑	
	-1642 Dec 28 j 21:57	0°♒	
	-1641 Jan 23 j 02:37	0°♓	
asc. node	-1641 Jan 29 j 16:54	7°♓39'07	
	-1641 Feb 18 j 14:59	0°♈	
evening max el	-1641 Mar 11 j 17:58	21°♈49'12	45°27'02
	-1641 Mar 20 j 12:52	0°♉	
greatest brilliancy	-1641 Apr 18 j 12:30	19°♉35'15	-4.7m
retrograde	-1641 Apr 29 j 07:40	21°♉41'29	
evening set	-1641 May 14 j 09:49	17°♉19'40	
inferior conj	-1641 May 20 j 19:08	13°♉31'34	0°07'44
minimum elong	-1641 May 20 j 19:25	13°♉31'08	0°07'40
transit middle	-1641 May 20 j 19:25	13°♉31'08	0°07'40
transit begin	-1641 May 20 j 15:50	13°♉36'43	
transit end	-1641 May 20 j 23:00	13°♉25'33	
min. Earth dist.	-1641 May 21 j 04:48	13°♉16'31	0.28967 AU
desc. node	-1641 May 21 j 08:26	13°♉10'51	
morning rise	-1641 May 27 j 04:34	9°♉41'35	
direct	-1641 Jun 11 j 12:01	5°♉11'44	
greatest brilliancy	-1641 Jun 22 j 08:14	7°♉17'18	-4.7m
	-1641 Jul 24 j 20:43	0°♊	
morning max el	-1641 Jul 30 j 17:35	5°♊33'16	46°06'28
	-1641 Aug 23 j 04:35	0°♋	
asc. node	-1641 Sep 11 j 10:07	21°♋48'48	
	-1641 Sep 18 j 09:43	0°♌	
	-1641 Oct 13 j 07:40	0°♍	
	-1641 Nov 06 j 14:55	0°♎	
	-1641 Nov 30 j 16:29	0°♏	
	-1641 Dec 24 j 17:19	0°♐	
desc. node	-1640 Jan 01 j 01:38	9°♐09'25	
	-1640 Jan 17 j 19:34	0°♑	
morning set	-1640 Feb 03 j 11:19	20°♑40'33	
	-1640 Feb 10 j 23:53	0°♒	
	-1640 Mar 06 j 06:23	0°♓	
superior conj	-1640 Mar 13 j 08:59	8°♓45'58	-1°16'44
minimum elong	-1640 Mar 13 j 16:24	9°♓08'50	1°16'36
max. Earth dist.	-1640 Mar 15 j 11:19	11°♓21'02	1.73215 AU
	-1640 Mar 30 j 15:01	0°♈	
evening rise	-1640 Apr 19 j 16:04	24°♈36'35	
asc. node	-1640 Apr 23 j 03:00	28°♈50'43	
	-1640 Apr 24 j 01:37	0°♉	
	-1640 May 18 j 13:57	0°♊	
	-1640 Jun 12 j 04:11	0°♋	
	-1640 Jul 06 j 21:24	0°♌	
	-1640 Jul 31 j 19:55	0°♍	
desc. node	-1640 Aug 12 j 17:58	14°♍11'40	

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

	-1640 Aug 26 j 03:50	0°♎	
	-1640 Sep 21 j 05:50	0°♏	
evening max el	-1640 Oct 17 j 03:49	27°♏56'06	47°29'21
	-1640 Oct 19 j 04:55	0°♐	
greatest brilliancy	-1640 Nov 26 j 19:44	29°♐44'21	-4.9m
	-1640 Nov 27 j 12:30	0°♑	
asc. node	-1640 Dec 03 j 19:17	1°♑35'55	
retrograde	-1640 Dec 07 j 06:02	1°♑50'29	
	-1640 Dec 16 j 14:37	30°℞♐	
evening set	-1640 Dec 22 j 11:34	27°♐09'22	
min. Earth dist.	-1640 Dec 26 j 23:01	24°♐28'01	0.27117 AU
inferior conj	-1640 Dec 28 j 00:29	23°♐48'20	5°38'32
minimum elong	-1640 Dec 27 j 14:47	24°♐03'27	5°36'13
morning rise	-1639 Jan 01 j 18:41	20°♐55'22	
direct	-1639 Jan 17 j 12:05	16°♐01'05	
greatest brilliancy	-1639 Jan 26 j 10:38	17°♐31'56	-4.8m
	-1639 Feb 16 j 16:48	0°♑	
morning max el	-1639 Mar 07 j 21:25	17°♑03'26	46°10'19
	-1639 Mar 20 j 17:57	0°♒	
desc. node	-1639 Mar 25 j 11:05	4°♒56'34	
	-1639 Apr 17 j 09:55	0°♓	
	-1639 May 13 j 16:17	0°♈	
	-1639 Jun 08 j 04:43	0°♉	
	-1639 Jul 03 j 04:13	0°♊	
asc. node	-1639 Jul 16 j 12:28	16°♊15'21	
	-1639 Jul 27 j 16:56	0°♋	
	-1639 Aug 20 j 20:59	0°♌	
morning set	-1639 Sep 01 j 01:36	14°♌00'19	
	-1639 Sep 13 j 19:15	0°♍	
	-1639 Oct 07 j 14:52	0°♎	
superior conj	-1639 Oct 10 j 02:52	3°♎09'05	0°56'21
minimum elong	-1639 Oct 10 j 13:50	3°♎43'38	0°55'57
max. Earth dist.	-1639 Oct 10 j 05:57	3°♎18'46	1.71013 AU
	-1639 Oct 31 j 10:21	0°♏	
desc. node	-1639 Nov 05 j 04:01	5°♏57'30	
evening rise	-1639 Nov 20 j 22:36	25°♏46'53	
	-1639 Nov 24 j 07:17	0°♐	
	-1639 Dec 18 j 06:39	0°♑	
	-1638 Jan 11 j 09:47	0°♒	
	-1638 Feb 04 j 19:07	0°♓	
asc. node	-1638 Feb 26 j 05:03	25°♓56'10	
	-1638 Mar 01 j 14:30	0°♈	
	-1638 Mar 27 j 01:48	0°♉	
	-1638 Apr 22 j 16:06	0°♊	
evening max el	-1638 May 21 j 16:41	29°♊57'32	45°22'01
	-1638 May 21 j 17:43	0°♋	
desc. node	-1638 Jun 17 j 20:20	22°♋03'20	
greatest brilliancy	-1638 Jun 29 j 08:34	27°♋42'25	-4.7m
retrograde	-1638 Jul 09 j 07:51	29°♋28'38	
evening set	-1638 Jul 26 j 06:33	24°♋06'34	
inferior conj	-1638 Jul 30 j 11:20	21°♋35'20	-8°02'51
minimum elong	-1638 Jul 30 j 03:36	21°♋47'11	8°01'54
min. Earth dist.	-1638 Jul 30 j 19:57	21°♋22'09	0.28091 AU
morning rise	-1638 Aug 03 j 00:28	19°♋26'34	
direct	-1638 Aug 20 j 19:16	13°♋32'19	
greatest brilliancy	-1638 Aug 31 j 17:09	15°♋44'11	-4.8m
	-1638 Sep 22 j 20:59	0°♌	
asc. node	-1638 Oct 08 j 21:51	14°♌55'41	
morning max el	-1638 Oct 10 j 06:59	16°♌19'22	46°45'38
	-1638 Oct 23 j 05:55	0°♍	
	-1638 Nov 18 j 13:19	0°♎	
	-1638 Dec 13 j 15:28	0°♏	
	-1637 Jan 07 j 07:28	0°♐	
desc. node	-1637 Jan 28 j 13:27	25°♐58'10	
	-1637 Jan 31 j 20:31	0°♑	
	-1637 Feb 25 j 09:05	0°♒	

	-1637 Mar 21 j 21:39	0°♓	
morning set	-1637 Apr 15 j 04:16	29°♓42'23	
	-1637 Apr 15 j 10:02	0°♈	
	-1637 May 09 j 21:37	0°♉	
max. Earth dist.	-1637 May 19 j 13:09	11°♉50'23	1.73638 AU
superior conj	-1637 May 21 j 10:33	14°♉09'49	-0°00'26
minimum elong	-1637 May 21 j 10:39	14°♉10'06	0°00'24
behind sun begin	-1637 May 20 j 12:33	13°♉02'15	
behind sun end	-1637 May 22 j 08:44	15°♉17'58	
asc. node	-1637 May 21 j 14:53	14°♉23'08	
	-1637 Jun 03 j 07:37	0°♊	
evening rise	-1637 Jun 26 j 03:00	28°♊06'55	
	-1637 Jun 27 j 15:37	0°♋	
	-1637 Jul 21 j 22:04	0°♌	
	-1637 Aug 15 j 04:17	0°♍	
	-1637 Sep 08 j 12:03	0°♎	
desc. node	-1637 Sep 10 j 06:10	2°♎09'30	
	-1637 Oct 02 j 23:15	0°♏	
	-1637 Oct 27 j 16:50	0°♐	
	-1637 Nov 21 j 23:49	0°♑	
	-1637 Dec 18 j 15:55	0°♒	
evening max el	-1637 Dec 28 j 12:28	10°♒17'41	46°43'01
asc. node	-1636 Jan 01 j 07:08	14°♒04'10	
	-1636 Jan 19 j 02:54	0°♓	
greatest brilliancy	-1636 Feb 06 j 02:11	10°♓53'06	-4.8m
retrograde	-1636 Feb 16 j 19:56	13°♓02'08	
evening set	-1636 Mar 05 j 10:58	7°♓00'40	
inferior conj	-1636 Mar 09 j 03:25	4°♓41'16	7°53'04
minimum elong	-1636 Mar 09 j 09:38	4°♓31'19	7°52'27
min. Earth dist.	-1636 Mar 09 j 00:11	4°♓46'25	0.28910 AU
morning rise	-1636 Mar 13 j 08:34	2°♓03'10	
	-1636 Mar 17 j 00:40	30°℞♒	
direct	-1636 Mar 30 j 13:34	26°♒24'01	
greatest brilliancy	-1636 Apr 09 j 02:17	28°♒03'28	-4.7m
	-1636 Apr 13 j 21:54	0°♓	
desc. node	-1636 Apr 21 j 22:39	4°♓30'05	
morning max el	-1636 May 18 j 07:51	26°♓11'54	45°46'15
	-1636 May 22 j 06:17	0°♈	
	-1636 Jun 19 j 21:32	0°♉	
	-1636 Jul 16 j 07:50	0°♊	
	-1636 Aug 10 j 14:50	0°♋	
asc. node	-1636 Aug 13 j 00:22	2°♋53'44	
	-1636 Sep 04 j 04:17	0°♌	
	-1636 Sep 28 j 06:41	0°♍	
	-1636 Oct 22 j 03:30	0°♎	
morning set	-1636 Nov 14 j 21:46	29°♎56'14	
	-1636 Nov 14 j 22:57	0°♏	
desc. node	-1636 Dec 02 j 15:47	22°♏16'07	
	-1636 Dec 08 j 19:30	0°♐	
superior conj	-1636 Dec 27 j 00:48	22°♐50'21	-0°53'12
minimum elong	-1636 Dec 26 j 13:26	22°♐14'48	0°52'47
max. Earth dist.	-1636 Dec 31 j 10:39	28°♐21'19	1.71609 AU
	-1635 Jan 01 j 18:14	0°♑	
	-1635 Jan 25 j 19:42	0°♒	
evening rise	-1635 Feb 05 j 16:28	13°♒29'18	
	-1635 Feb 19 j 00:44	0°♓	
	-1635 Mar 15 j 10:30	0°♈	
asc. node	-1635 Mar 25 j 17:05	12°♈32'31	
	-1635 Apr 09 j 02:18	0°♉	
	-1635 May 04 j 01:45	0°♊	
	-1635 May 29 j 11:49	0°♋	
	-1635 Jun 24 j 15:16	0°♌	
desc. node	-1635 Jul 15 j 08:07	22°♌43'10	
	-1635 Jul 22 j 06:20	0°♍	
evening max el	-1635 Aug 02 j 15:09	11°♍26'30	46°32'07

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

	-1635 Aug 23 j 16:17	0°♎	
greatest brilliancy	-1635 Sep 12 j 11:52	11°♎19'02	-4.9m
retrograde	-1635 Sep 21 j 11:16	12°♎49'29	
evening set	-1635 Oct 07 j 09:30	7°♎57'44	
inferior conj	-1635 Oct 12 j 02:19	5°♎11'11	-5°47'17
minimum elong	-1635 Oct 12 j 12:52	4°♎55'11	5°44'41
min. Earth dist.	-1635 Oct 12 j 14:23	4°♎52'52	0.26545 AU
morning rise	-1635 Oct 17 j 15:51	1°♎55'16	
	-1635 Oct 21 j 13:04	30°℞♍	
direct	-1635 Nov 01 j 11:47	27°♍32'49	
asc. node	-1635 Nov 05 j 09:27	27°♍51'00	
greatest brilliancy	-1635 Nov 12 j 04:35	29°♍42'47	-4.9m
	-1635 Nov 12 j 21:53	0°♎	
	-1635 Dec 21 j 05:57	0°♏	
morning max el	-1635 Dec 22 j 02:42	0°♏52'26	46°49'36
	-1634 Jan 18 j 03:29	0°♐	
	-1634 Feb 13 j 06:50	0°♑	
desc. node	-1634 Feb 25 j 01:26	13°♑47'48	
	-1634 Mar 10 j 18:34	0°♒	
	-1634 Apr 04 j 22:33	0°♓	
	-1634 Apr 29 j 21:19	0°♈	
	-1634 May 24 j 15:18	0°♉	
asc. node	-1634 Jun 18 j 02:43	29°♉55'44	
	-1634 Jun 18 j 04:06	0°♊	
morning set	-1634 Jun 21 j 06:03	3°♊47'14	
	-1634 Jul 12 j 11:29	0°♋	
max. Earth dist.	-1634 Jul 23 j 14:26	13°♋48'42	1.72437 AU
superior conj	-1634 Jul 27 j 17:01	18°♋55'33	1°15'39
minimum elong	-1634 Jul 27 j 09:51	18°♋33'12	1°15'32
	-1634 Aug 05 j 14:12	0°♌	
	-1634 Aug 29 j 14:01	0°♍	
evening rise	-1634 Sep 03 j 01:02	5°♍34'59	
	-1634 Sep 22 j 13:01	0°♎	
desc. node	-1634 Oct 07 j 18:06	19°♎01'50	
	-1634 Oct 16 j 12:52	0°♏	
	-1634 Nov 09 j 14:49	0°♐	
	-1634 Dec 03 j 20:44	0°♑	
	-1634 Dec 28 j 10:34	0°♒	
	-1633 Jan 22 j 16:27	0°♓	
asc. node	-1633 Jan 28 j 19:06	7°♓04'21	
	-1633 Feb 18 j 07:41	0°♈	
evening max el	-1633 Mar 09 j 09:39	19°♈38'03	45°28'41
	-1633 Mar 20 j 16:03	0°♉	
greatest brilliancy	-1633 Apr 16 j 04:02	17°♉26'13	-4.7m
retrograde	-1633 Apr 27 j 00:37	19°♉33'33	
evening set	-1633 May 12 j 03:07	15°♉09'57	
inferior conj	-1633 May 18 j 11:32	11°♉22'50	0°27'16
minimum elong	-1633 May 18 j 12:32	11°♉21'17	0°27'01
min. Earth dist.	-1633 May 18 j 21:08	11°♉07'52	0.28989 AU
desc. node	-1633 May 20 j 10:28	10°♉09'54	
morning rise	-1633 May 24 j 21:35	7°♉32'12	
direct	-1633 Jun 09 j 04:42	3°♉02'34	
greatest brilliancy	-1633 Jun 20 j 00:14	5°♉07'55	-4.7m
	-1633 Jul 24 j 21:03	0°♊	
morning max el	-1633 Jul 28 j 10:27	3°♊23'52	46°05'12
	-1633 Aug 22 j 20:56	0°♋	
asc. node	-1633 Sep 10 j 12:18	21°♋13'21	
	-1633 Sep 17 j 23:32	0°♌	
	-1633 Oct 12 j 20:22	0°♍	
	-1633 Nov 06 j 03:02	0°♎	
	-1633 Nov 30 j 04:14	0°♏	
	-1633 Dec 24 j 04:47	0°♐	
desc. node	-1633 Dec 31 j 03:41	8°♐40'16	
	-1632 Jan 17 j 06:49	0°♑	
morning set	-1632 Jan 31 j 23:47	18°♑15'49	
	-1632 Feb 10 j 10:58	0°♒	
	-1632 Mar 05 j 17:20	0°♓	
superior conj	-1632 Mar 11 j 00:58	6°♓33'41	-1°18'06
minimum elong	-1632 Mar 11 j 07:56	6°♓55'10	1°17'59
max. Earth dist.	-1632 Mar 13 j 06:39	9°♓19'09	1.73175 AU
	-1632 Mar 30 j 01:54	0°♈	
evening rise	-1632 Apr 17 j 10:14	22°♈31'42	
asc. node	-1632 Apr 22 j 04:59	28°♈23'19	
	-1632 Apr 23 j 12:33	0°♉	
	-1632 May 18 j 01:06	0°♊	
	-1632 Jun 11 j 15:43	0°♋	
	-1632 Jul 06 j 09:31	0°♌	
	-1632 Jul 31 j 08:55	0°♍	
desc. node	-1632 Aug 11 j 20:09	13°♍37'58	
	-1632 Aug 25 j 18:16	0°♎	
	-1632 Sep 20 j 22:58	0°♏	
evening max el	-1632 Oct 14 j 19:22	25°♏35'19	47°29'09
	-1632 Oct 19 j 05:15	0°♐	
greatest brilliancy	-1632 Nov 24 j 09:54	27°♐18'01	-4.9m
asc. node	-1632 Dec 02 j 21:24	29°♐19'13	
retrograde	-1632 Dec 04 j 20:38	29°♐24'00	
evening set	-1632 Dec 19 j 22:35	24°♐47'15	
min. Earth dist.	-1632 Dec 24 j 12:28	22°♐02'28	0.27047 AU
inferior conj	-1632 Dec 25 j 13:55	21°♐22'50	5°21'08
minimum elong	-1632 Dec 25 j 04:24	21°♐37'39	5°18'45
morning rise	-1632 Dec 30 j 10:59	18°♐26'14	
direct	-1631 Jan 15 j 01:30	13°♐36'55	
greatest brilliancy	-1631 Jan 23 j 23:30	15°♐07'41	-4.8m
	-1631 Feb 17 j 04:42	0°♑	
morning max el	-1631 Mar 05 j 12:00	14°♑45'51	46°11'45
	-1631 Mar 20 j 12:55	0°♒	
desc. node	-1631 Mar 24 j 13:05	4°♒14'04	
	-1631 Apr 17 j 00:44	0°♓	
	-1631 May 13 j 05:16	0°♈	
	-1631 Jun 07 j 16:46	0°♉	
	-1631 Jul 02 j 15:45	0°♊	
asc. node	-1631 Jul 15 j 14:38	15°♊47'06	
	-1631 Jul 27 j 04:14	0°♋	
	-1631 Aug 20 j 08:11	0°♌	
morning set	-1631 Aug 29 j 16:03	11°♌40'10	
	-1631 Sep 13 j 06:27	0°♍	
	-1631 Oct 07 j 02:05	0°♎	
superior conj	-1631 Oct 07 j 14:06	0°♎37'52	0°59'09
minimum elong	-1631 Oct 08 j 01:04	1°♎12'25	0°58'46
max. Earth dist.	-1631 Oct 07 j 10:47	0°♎27'23	1.71029 AU
	-1631 Oct 30 j 21:38	0°♏	
desc. node	-1631 Nov 04 j 06:00	5°♏28'12	
evening rise	-1631 Nov 18 j 07:35	23°♏08'48	
	-1631 Nov 23 j 18:39	0°♐	
	-1631 Dec 17 j 18:07	0°♑	
	-1630 Jan 10 j 21:23	0°♒	
	-1630 Feb 04 j 06:59	0°♓	
asc. node	-1630 Feb 25 j 07:09	25°♓25'32	
	-1630 Mar 01 j 02:55	0°♈	
	-1630 Mar 26 j 15:21	0°♉	
	-1630 Apr 22 j 08:12	0°♊	
evening max el	-1630 May 19 j 07:28	27°♊43'12	45°20'37
	-1630 May 21 j 17:27	0°♋	
desc. node	-1630 Jun 16 j 22:25	20°♋41'39	
greatest brilliancy	-1630 Jun 26 j 21:51	25°♋25'36	-4.7m
retrograde	-1630 Jul 06 j 21:13	27°♋12'00	
evening set	-1630 Jul 23 j 17:14	21°♋55'07	
inferior conj	-1630 Jul 28 j 01:47	19°♋18'19	-7°53'28
minimum elong	-1630 Jul 27 j 17:31	19°♋31'00	7°52'22
min. Earth dist.	-1630 Jul 28 j 10:15	19°♋05'18	0.28137 AU
morning rise	-1630 Jul 31 j 17:34	17°♋05'18	

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

direct	-1630 Aug 18 j 10:06	11°♋14'30		
greatest brilliancy	-1630 Aug 29 j 08:10	13°♋25'47	-4.8m	
	-1630 Sep 23 j 05:06	0°♌		
asc. node	-1630 Oct 07 j 23:50	14°♌03'09		
morning max el	-1630 Oct 07 j 20:06	13°♌53'42	46°44'34	
	-1630 Oct 23 j 00:31	0°♍		
	-1630 Nov 18 j 04:25	0°♎		
	-1630 Dec 13 j 05:00	0°♏		
	-1629 Jan 06 j 20:07	0°♐		
desc. node	-1629 Jan 27 j 15:38	25°♐27'44		
	-1629 Jan 31 j 08:35	0°♑		
	-1629 Feb 24 j 20:42	0°♒		
	-1629 Mar 21 j 08:57	0°♓		
morning set	-1629 Apr 12 j 22:12	27°♓36'25		
	-1629 Apr 14 j 21:06	0°♈		
	-1629 May 09 j 08:34	0°♉		
max. Earth dist.	-1629 May 17 j 09:37	9°♉52'18	1.73651 AU	
superior conj	-1629 May 19 j 05:25	12°♉06'46	-0°03'31	
minimum elong	-1629 May 19 j 06:06	12°♉08'53	0°03'28	
behind sun begin	-1629 May 18 j 08:19	11°♉02'00		
behind sun end	-1629 May 20 j 03:53	13°♉15'45		
asc. node	-1629 May 20 j 16:57	13°♉55'52		
	-1629 Jun 02 j 18:35	0°♊		
evening rise	-1629 Jun 23 j 22:09	26°♊03'46		
	-1629 Jun 27 j 02:42	0°♋		
	-1629 Jul 21 j 09:22	0°♌		
	-1629 Aug 14 j 15:57	0°♍		
	-1629 Sep 08 j 00:12	0°♎		
desc. node	-1629 Sep 09 j 08:09	1°♎38'11		
	-1629 Oct 02 j 12:03	0°♏		
	-1629 Oct 27 j 06:33	0°♐		
	-1629 Nov 21 j 15:10	0°♑		
	-1629 Dec 18 j 11:13	0°♒		
evening max el	-1629 Dec 26 j 02:33	7°♒56'18	46°45'50	
asc. node	-1629 Dec 31 j 09:20	13°♒11'40		
	-1628 Jan 19 j 17:50	0°♓		
greatest brilliancy	-1628 Feb 03 j 19:39	8°♓41'24	-4.8m	
retrograde	-1628 Feb 14 j 12:04	10°♓49'49		
evening set	-1628 Mar 03 j 05:14	4°♓45'41		
inferior conj	-1628 Mar 06 j 19:50	2°♓29'08	8°00'08	
minimum elong	-1628 Mar 07 j 01:30	2°♓20'05	7°59'36	
min. Earth dist.	-1628 Mar 06 j 15:54	2°♓35'26	0.28875 AU	
morning rise	-1628 Mar 10 j 21:59	29°♒55'22		
	-1628 Mar 10 j 18:55	30°℞♒		
direct	-1628 Mar 28 j 04:48	24°♒12'25		
greatest brilliancy	-1628 Apr 06 j 17:21	25°♒51'22	-4.7m	
	-1628 Apr 15 j 19:03	0°♓		
desc. node	-1628 Apr 21 j 00:43	3°♓14'55		
morning max el	-1628 May 15 j 22:50	23°♓58'57	45°46'29	
	-1628 May 22 j 03:13	0°♈		
	-1628 Jun 19 j 12:54	0°♉		
	-1628 Jul 15 j 21:06	0°♊		
	-1628 Aug 10 j 03:07	0°♋		
asc. node	-1628 Aug 12 j 02:31	2°♋23'15		
	-1628 Sep 03 j 16:04	0°♌		
	-1628 Sep 27 j 18:14	0°♍		
	-1628 Oct 21 j 14:58	0°♎		
morning set	-1628 Nov 12 j 07:41	27°♎20'21		
	-1628 Nov 14 j 10:22	0°♏		
desc. node	-1628 Dec 01 j 17:56	21°♏47'12		
	-1628 Dec 08 j 06:52	0°♐		
superior conj	-1628 Dec 24 j 10:32	20°♐15'19	-0°50'04	
minimum elong	-1628 Dec 23 j 23:25	19°♐40'31	0°49'38	
max. Earth dist.	-1628 Dec 28 j 16:22	25°♐33'52	1.71555 AU	
	-1627 Jan 01 j 05:30	0°♑		
	-1627 Jan 25 j 06:55	0°♒		
evening rise	-1627 Feb 03 j 05:00	11°♒04'34		
	-1627 Feb 18 j 11:58	0°♓		
	-1627 Mar 14 j 21:52	0°♈		
asc. node	-1627 Mar 24 j 19:05	12°♈03'46		
	-1627 Apr 08 j 13:59	0°♉		
	-1627 May 03 j 14:01	0°♊		
	-1627 May 29 j 01:09	0°♋		
	-1627 Jun 24 j 06:41	0°♌		
desc. node	-1627 Jul 14 j 10:19	21°♌59'39		
	-1627 Jul 22 j 02:41	0°♍		
evening max el	-1627 Jul 31 j 03:26	9°♍01'27	46°29'15	
	-1627 Aug 24 j 12:14	0°♎		
greatest brilliancy	-1627 Sep 10 j 00:03	8°♎50'37	-4.9m	
retrograde	-1627 Sep 18 j 23:14	10°♎20'58		
evening set	-1627 Oct 05 j 00:46	5°♎24'04		
inferior conj	-1627 Oct 09 j 14:26	2°♎42'16	-6°05'23	
minimum elong	-1627 Oct 10 j 01:09	2°♎26'03	6°02'51	
min. Earth dist.	-1627 Oct 10 j 03:27	2°♎22'33	0.26591 AU	
	-1627 Oct 14 j 03:58	30°℞♍		
morning rise	-1627 Oct 15 j 01:06	29°♍30'34		
direct	-1627 Oct 30 j 00:29	25°♍02'55		
asc. node	-1627 Nov 04 j 11:37	25°♍38'21		
greatest brilliancy	-1627 Nov 09 j 18:35	27°♍14'31	-4.9m	
	-1627 Nov 15 j 14:33	0°♎		
morning max el	-1627 Dec 19 j 16:58	28°♎27'40	46°50'26	
	-1627 Dec 21 j 05:11	0°♏		
	-1626 Jan 17 j 20:15	0°♐		
	-1626 Feb 12 j 21:03	0°♑		
desc. node	-1626 Feb 24 j 03:26	13°♑13'51		
	-1626 Mar 10 j 07:25	0°♒		
	-1626 Apr 04 j 10:34	0°♓		
	-1626 Apr 29 j 08:49	0°♈		
	-1626 May 24 j 02:29	0°♉		
asc. node	-1626 Jun 17 j 04:53	29°♉28'38		
	-1626 Jun 17 j 15:06	0°♊		
morning set	-1626 Jun 19 j 00:18	1°♊42'01		
	-1626 Jul 11 j 22:26	0°♋		
max. Earth dist.	-1626 Jul 21 j 08:59	11°♋43'04	1.72491 AU	
superior conj	-1626 Jul 25 j 10:23	16°♋46'01	1°14'10	
minimum elong	-1626 Jul 25 j 02:51	16°♋22'33	1°14'01	
	-1626 Aug 05 j 01:12	0°♌		
	-1626 Aug 29 j 01:08	0°♍		
evening rise	-1626 Aug 31 j 15:27	3°♍15'01		
	-1626 Sep 22 j 00:20	0°♎		
desc. node	-1626 Oct 06 j 20:09	18°♎32'31		
	-1626 Oct 16 j 00:24	0°♏		
	-1626 Nov 09 j 02:38	0°♐		
	-1626 Dec 03 j 08:57	0°♑		
	-1626 Dec 27 j 23:27	0°♒		
	-1625 Jan 22 j 06:36	0°♓		
asc. node	-1625 Jan 27 j 21:11	6°♓28'23		
	-1625 Feb 18 j 00:55	0°♈		
evening max el	-1625 Mar 07 j 02:09	17°♈28'24	45°30'36	
	-1625 Mar 20 j 21:12	0°♉		
greatest brilliancy	-1625 Apr 13 j 19:58	15°♉17'39	-4.7m	
retrograde	-1625 Apr 24 j 17:36	17°♉25'34		
evening set	-1625 May 09 j 20:43	13°♉00'21		
inferior conj	-1625 May 16 j 04:02	9°♉14'15	0°46'43	
minimum elong	-1625 May 16 j 05:44	9°♉11'35	0°46'15	
min. Earth dist.	-1625 May 16 j 13:24	8°♉59'37	0.29006 AU	
desc. node	-1625 May 19 j 12:36	7°♉09'53		
morning rise	-1625 May 22 j 14:31	5°♉23'03		
direct	-1625 Jun 06 j 21:45	0°♉53'46		
greatest brilliancy	-1625 Jun 17 j 15:44	2°♉58'07	-4.7m	
	-1625 Jul 24 j 20:17	0°♊		

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

morning max el	-1625 Jul 26 j 03:18	1°♊14'41	46°03'56
	-1625 Aug 22 j 12:57	0°♋	
asc. node	-1625 Sep 09 j 14:13	20°♋37'30	
	-1625 Sep 17 j 13:12	0°♌	
	-1625 Oct 12 j 08:57	0°♍	
	-1625 Nov 05 j 15:02	0°♎	
	-1625 Nov 29 j 15:53	0°♏	
	-1625 Dec 23 j 16:12	0°♐	
desc. node	-1625 Dec 30 j 05:51	8°♐11'36	
	-1624 Jan 16 j 18:03	0°♑	
morning set	-1624 Jan 29 j 11:54	15°♑49'57	
	-1624 Feb 09 j 22:02	0°♒	
	-1624 Mar 05 j 04:17	0°♓	
superior conj	-1624 Mar 08 j 16:27	4°♓19'41	-1°19'21
minimum elong	-1624 Mar 08 j 22:53	4°♓39'32	1°19'15
max. Earth dist.	-1624 Mar 11 j 02:23	7°♓18'20	1.73132 AU
	-1624 Mar 29 j 12:47	0°♈	
evening rise	-1624 Apr 15 j 03:57	20°♈25'30	
asc. node	-1624 Apr 21 j 07:06	27°♈56'25	
	-1624 Apr 22 j 23:27	0°♉	
	-1624 May 17 j 12:11	0°♊	
	-1624 Jun 11 j 03:11	0°♋	
	-1624 Jul 05 j 21:35	0°♌	
	-1624 Jul 30 j 21:54	0°♍	
desc. node	-1624 Aug 10 j 22:09	13°♍03'51	
	-1624 Aug 25 j 08:43	0°♎	
	-1624 Sep 20 j 16:14	0°♏	
evening max el	-1624 Oct 12 j 11:03	23°♏15'32	47°28'49
	-1624 Oct 19 j 06:29	0°♐	
greatest brilliancy	-1624 Nov 22 j 00:36	24°♐53'18	-4.9m
asc. node	-1624 Dec 01 j 23:30	26°♐58'00	
retrograde	-1624 Dec 02 j 11:03	26°♐58'17	
evening set	-1624 Dec 17 j 09:57	22°♐26'00	
min. Earth dist.	-1624 Dec 22 j 02:23	19°♐37'31	0.26979 AU
inferior conj	-1624 Dec 23 j 03:29	18°♐58'24	5°03'06
minimum elong	-1624 Dec 22 j 18:13	19°♐12'50	5°00'42
morning rise	-1624 Dec 28 j 03:18	15°♐58'01	
direct	-1623 Jan 12 j 14:55	11°♐13'53	
greatest brilliancy	-1623 Jan 21 j 12:55	12°♐44'41	-4.8m
	-1623 Feb 17 j 13:14	0°♑	
morning max el	-1623 Mar 03 j 01:53	12°♑26'57	46°12'58
	-1623 Mar 20 j 07:14	0°♒	
desc. node	-1623 Mar 23 j 15:08	3°♒32'38	
	-1623 Apr 16 j 15:13	0°♓	
	-1623 May 12 j 18:02	0°♈	
	-1623 Jun 07 j 04:35	0°♉	
	-1623 Jul 02 j 03:04	0°♊	
asc. node	-1623 Jul 14 j 16:42	15°♊19'16	
	-1623 Jul 26 j 15:17	0°♋	
	-1623 Aug 19 j 19:09	0°♌	
morning set	-1623 Aug 27 j 06:39	9°♌21'20	
	-1623 Sep 12 j 17:24	0°♍	
max. Earth dist.	-1623 Oct 04 j 12:56	27°♍28'19	1.71050 AU
superior conj	-1623 Oct 05 j 01:47	28°♍08'48	1°01'49
minimum elong	-1623 Oct 05 j 12:40	28°♍43'06	1°01'26
	-1623 Oct 06 j 13:05	0°♎	
	-1623 Oct 30 j 08:42	0°♏	
desc. node	-1623 Nov 03 j 08:12	5°♏00'21	
evening rise	-1623 Nov 15 j 16:51	20°♏32'21	
	-1623 Nov 23 j 05:46	0°♐	
	-1623 Dec 17 j 05:18	0°♑	
	-1622 Jan 10 j 08:42	0°♒	
	-1622 Feb 03 j 18:34	0°♓	
asc. node	-1622 Feb 24 j 09:07	24°♓55'18	
	-1622 Feb 28 j 15:06	0°♈	
	-1622 Mar 26 j 04:46	0°♉	
	-1622 Apr 22 j 00:21	0°♊	
evening max el	-1622 May 16 j 21:40	25°♊28'16	45°19'24
	-1622 May 21 j 18:02	0°♋	
desc. node	-1622 Jun 16 j 00:34	19°♋18'22	
greatest brilliancy	-1622 Jun 24 j 11:23	23°♋10'14	-4.7m
retrograde	-1622 Jul 04 j 10:49	24°♋57'09	
evening set	-1622 Jul 21 j 04:07	19°♋45'05	
inferior conj	-1622 Jul 25 j 16:27	17°♋02'58	-7°43'23
minimum elong	-1622 Jul 25 j 07:43	17°♋16'22	7°42'07
min. Earth dist.	-1622 Jul 26 j 00:59	16°♋49'52	0.28181 AU
morning rise	-1622 Jul 29 j 11:00	14°♋45'42	
direct	-1622 Aug 16 j 00:47	8°♋58'15	
greatest brilliancy	-1622 Aug 26 j 23:59	11°♋09'56	-4.8m
	-1622 Sep 23 j 10:24	0°♌	
morning max el	-1622 Oct 05 j 09:20	11°♌29'36	46°43'28
asc. node	-1622 Oct 07 j 02:02	13°♌13'13	
	-1622 Oct 22 j 18:17	0°♍	
	-1622 Nov 17 j 18:59	0°♎	
	-1622 Dec 12 j 18:06	0°♏	
	-1621 Jan 06 j 08:22	0°♐	
desc. node	-1621 Jan 26 j 17:39	24°♐57'59	
	-1621 Jan 30 j 20:14	0°♑	
	-1621 Feb 24 j 07:55	0°♒	
	-1621 Mar 20 j 19:51	0°♓	
morning set	-1621 Apr 10 j 16:06	25°♓31'26	
	-1621 Apr 14 j 07:49	0°♈	
	-1621 May 08 j 19:12	0°♉	
max. Earth dist.	-1621 May 15 j 05:50	7°♉54'25	1.73666 AU
superior conj	-1621 May 17 j 00:14	10°♉04'35	-0°06'36
minimum elong	-1621 May 17 j 01:33	10°♉08'37	0°06'31
behind sun begin	-1621 May 16 j 05:05	9°♉05'48	
behind sun end	-1621 May 17 j 22:00	11°♉11'25	
asc. node	-1621 May 19 j 19:08	13°♉29'59	
	-1621 Jun 02 j 05:14	0°♊	
evening rise	-1621 Jun 21 j 17:18	24°♊01'43	
	-1621 Jun 26 j 13:27	0°♋	
	-1621 Jul 20 j 20:21	0°♌	
	-1621 Aug 14 j 03:16	0°♍	
	-1621 Sep 07 j 12:01	0°♎	
desc. node	-1621 Sep 08 j 10:12	1°♎08'07	
	-1621 Oct 02 j 00:32	0°♏	
	-1621 Oct 26 j 20:00	0°♐	
	-1621 Nov 21 j 06:20	0°♑	
	-1621 Dec 18 j 06:38	0°♒	
evening max el	-1621 Dec 23 j 16:48	5°♒36'19	46°48'39
asc. node	-1621 Dec 30 j 11:26	12°♒19'02	
	-1620 Jan 20 j 13:14	0°♓	
greatest brilliancy	-1620 Feb 01 j 12:37	6°♓30'07	-4.8m
retrograde	-1620 Feb 12 j 04:33	8°♓38'48	
evening set	-1620 Feb 29 j 23:16	2°♓32'04	
inferior conj	-1620 Mar 04 j 12:17	0°♓18'10	8°06'22
minimum elong	-1620 Mar 04 j 17:22	0°♓10'03	8°05'57
min. Earth dist.	-1620 Mar 04 j 07:30	0°♓25'47	0.28838 AU
	-1620 Mar 04 j 23:40	30°℞♒	
morning rise	-1620 Mar 08 j 11:37	27°♒48'43	
direct	-1620 Mar 25 j 19:59	22°♒01'55	
greatest brilliancy	-1620 Apr 04 j 08:26	23°♒40'41	-4.7m
	-1620 Apr 17 j 00:59	0°♓	
desc. node	-1620 Apr 20 j 02:53	2°♓03'25	
morning max el	-1620 May 13 j 14:36	21°♓49'07	45°46'42
	-1620 May 21 j 23:00	0°♈	
	-1620 Jun 19 j 03:40	0°♉	
	-1620 Jul 15 j 09:58	0°♊	
	-1620 Aug 09 j 15:02	0°♋	
asc. node	-1620 Aug 11 j 04:31	1°♋53'21	

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

	-1620 Sep 03 j 03:30	0°♌	
	-1620 Sep 27 j 05:25	0°♍	
	-1620 Oct 21 j 02:03	0°♎	
morning set	-1620 Nov 09 j 17:45	24°♎46'05	
	-1620 Nov 13 j 21:25	0°♏	
desc. node	-1620 Nov 30 j 20:02	21°♏19'12	
	-1620 Dec 07 j 17:51	0°♐	
superior conj	-1620 Dec 21 j 20:08	17°♐40'46	-0°46'48
minimum elong	-1620 Dec 21 j 09:22	17°♐07'02	0°46'23
max. Earth dist.	-1620 Dec 25 j 21:21	22°♐45'03	1.71508 AU
	-1620 Dec 31 j 16:27	0°♑	
	-1619 Jan 24 j 17:50	0°♒	
evening rise	-1619 Jan 31 j 17:28	8°♒40'31	
	-1619 Feb 17 j 22:54	0°♓	
	-1619 Mar 14 j 08:54	0°♈	
asc. node	-1619 Mar 23 j 21:17	11°♈36'38	
	-1619 Apr 08 j 01:19	0°♉	
	-1619 May 03 j 01:58	0°♊	
	-1619 May 28 j 14:15	0°♋	
	-1619 Jun 23 j 22:02	0°♌	
desc. node	-1619 Jul 13 j 12:17	21°♌15'38	
	-1619 Jul 21 j 23:26	0°♍	
evening max el	-1619 Jul 28 j 16:47	6°♍40'01	46°26'20
	-1619 Aug 25 j 14:48	0°♎	
greatest brilliancy	-1619 Sep 07 j 11:39	6°♎22'36	-4.9m
retrograde	-1619 Sep 16 j 11:37	7°♎53'18	
evening set	-1619 Oct 02 j 16:09	2°♎51'20	
inferior conj	-1619 Oct 07 j 02:32	0°♎14'13	-6°22'43
minimum elong	-1619 Oct 07 j 13:20	29°♍57'53	6°20'16
	-1619 Oct 07 j 11:56	30°℞♍	
min. Earth dist.	-1619 Oct 07 j 16:06	29°♍53'43	0.26636 AU
morning rise	-1619 Oct 12 j 10:10	27°♍07'02	
direct	-1619 Oct 27 j 13:40	22°♍34'12	
asc. node	-1619 Nov 03 j 13:45	23°♍32'01	
greatest brilliancy	-1619 Nov 07 j 07:53	24°♍46'29	-4.9m
	-1619 Nov 17 j 06:15	0°♎	
morning max el	-1619 Dec 17 j 07:39	26°♎05'00	46°51'05
	-1619 Dec 21 j 03:06	0°♏	
	-1618 Jan 17 j 12:21	0°♐	
	-1618 Feb 12 j 10:48	0°♑	
desc. node	-1618 Feb 23 j 05:29	12°♑41'05	
	-1618 Mar 09 j 19:55	0°♒	
	-1618 Apr 03 j 22:17	0°♓	
	-1618 Apr 28 j 20:01	0°♈	
	-1618 May 23 j 13:21	0°♉	
asc. node	-1618 Jun 16 j 06:57	29°♉02'04	
morning set	-1618 Jun 16 j 18:45	29°♉38'20	
	-1618 Jun 17 j 01:48	0°♊	
	-1618 Jul 11 j 09:07	0°♋	
max. Earth dist.	-1618 Jul 19 j 02:21	9°♋34'37	1.72549 AU
superior conj	-1618 Jul 23 j 03:50	14°♋37'34	1°12'34
minimum elong	-1618 Jul 22 j 19:58	14°♋13'07	1°12'24
	-1618 Aug 04 j 11:58	0°♌	
	-1618 Aug 28 j 12:05	0°♍	
evening rise	-1618 Aug 29 j 05:50	0°♍55'31	
	-1618 Sep 21 j 11:28	0°♎	
desc. node	-1618 Oct 05 j 22:19	18°♎04'06	
	-1618 Oct 15 j 11:46	0°♏	
	-1618 Nov 08 j 14:16	0°♐	
	-1618 Dec 02 j 21:00	0°♑	
	-1618 Dec 27 j 12:12	0°♒	
	-1617 Jan 21 j 20:43	0°♓	
asc. node	-1617 Jan 26 j 23:11	5°♓52'27	
	-1617 Feb 17 j 18:20	0°♈	
evening max el	-1617 Mar 04 j 18:54	15°♈19'39	45°32'28
	-1617 Mar 21 j 04:20	0°♉	
greatest brilliancy	-1617 Apr 11 j 12:30	13°♉10'11	-4.7m
retrograde	-1617 Apr 22 j 10:11	15°♉17'54	
evening set	-1617 May 07 j 14:28	10°♉51'09	
inferior conj	-1617 May 13 j 20:32	7°♉06'11	1°06'07
minimum elong	-1617 May 13 j 22:55	7°♉02'26	1°05'26
min. Earth dist.	-1617 May 14 j 05:47	6°♉51'43	0.29018 AU
desc. node	-1617 May 18 j 14:42	4°♉11'46	
morning rise	-1617 May 20 j 07:13	3°♉14'28	
	-1617 May 27 j 16:39	30°℞♈	
direct	-1617 Jun 04 j 14:48	28°♈45'40	
	-1617 Jun 12 j 20:00	0°♉	
greatest brilliancy	-1617 Jun 15 j 06:58	0°♉48'31	-4.7m
morning max el	-1617 Jul 23 j 19:15	29°♉04'00	46°02'38
	-1617 Jul 24 j 18:20	0°♊	
	-1617 Aug 22 j 04:34	0°♋	
asc. node	-1617 Sep 08 j 16:27	20°♋03'12	
	-1617 Sep 17 j 02:38	0°♌	
	-1617 Oct 11 j 21:25	0°♍	
	-1617 Nov 05 j 02:59	0°♎	
	-1617 Nov 29 j 03:29	0°♏	
	-1617 Dec 23 j 03:32	0°♐	
desc. node	-1617 Dec 29 j 07:52	7°♐42'44	
	-1616 Jan 16 j 05:11	0°♑	
morning set	-1616 Jan 26 j 23:44	13°♑23'24	
	-1616 Feb 09 j 09:02	0°♒	
	-1616 Mar 04 j 15:09	0°♓	
superior conj	-1616 Mar 06 j 07:45	2°♓05'16	-1°20'29
minimum elong	-1616 Mar 06 j 13:37	2°♓23'21	1°20'25
max. Earth dist.	-1616 Mar 08 j 22:48	5°♓19'47	1.73088 AU
	-1616 Mar 28 j 23:37	0°♈	
evening rise	-1616 Apr 12 j 21:35	18°♈19'02	
asc. node	-1616 Apr 20 j 09:17	27°♈29'45	
	-1616 Apr 22 j 10:21	0°♉	
	-1616 May 16 j 23:16	0°♊	
	-1616 Jun 10 j 14:38	0°♋	
	-1616 Jul 05 j 09:37	0°♌	
	-1616 Jul 30 j 10:53	0°♍	
desc. node	-1616 Aug 10 j 00:14	12°♍30'00	
	-1616 Aug 24 j 23:17	0°♎	
	-1616 Sep 20 j 09:56	0°♏	
evening max el	-1616 Oct 10 j 01:55	20°♏53'12	47°28'07
	-1616 Oct 19 j 09:17	0°♐	
greatest brilliancy	-1616 Nov 19 j 15:42	22°♐27'53	-4.9m
retrograde	-1616 Nov 30 j 00:33	24°♐31'03	
asc. node	-1616 Dec 01 j 01:36	24°♐29'42	
evening set	-1616 Dec 14 j 21:11	20°♐03'07	
min. Earth dist.	-1616 Dec 19 j 16:30	17°♐10'34	0.26912 AU
inferior conj	-1616 Dec 20 j 16:47	16°♐32'43	4°44'10
minimum elong	-1616 Dec 20 j 07:51	16°♐46'40	4°41'46
morning rise	-1616 Dec 25 j 19:18	13°♐28'28	
direct	-1615 Jan 10 j 03:40	8°♐49'28	
greatest brilliancy	-1615 Jan 19 j 02:46	10°♐20'58	-4.9m
	-1615 Feb 17 j 19:36	0°♑	
morning max el	-1615 Feb 28 j 14:37	10°♑04'33	46°14'18
	-1615 Mar 20 j 01:12	0°♒	
desc. node	-1615 Mar 22 j 17:24	2°♒51'57	
	-1615 Apr 16 j 05:37	0°♓	
	-1615 May 12 j 06:48	0°♈	
	-1615 Jun 06 j 16:29	0°♉	
	-1615 Jul 01 j 14:28	0°♊	
asc. node	-1615 Jul 13 j 18:46	14°♊51'13	
	-1615 Jul 26 j 02:25	0°♋	
	-1615 Aug 19 j 06:10	0°♌	
morning set	-1615 Aug 24 j 21:38	7°♌03'31	
	-1615 Sep 12 j 04:25	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.	-1615 Oct 01 j 17:08	24°♍35'31	1.71079 AU
superior conj	-1615 Oct 02 j 13:48	25°♍40'37	1°04'19
minimum elong	-1615 Oct 03 j 00:31	26°♍14'22	1°03'58
	-1615 Oct 06 j 00:09	0°♎	
	-1615 Oct 29 j 19:52	0°♏	
desc. node	-1615 Nov 02 j 10:16	4°♏31'41	
evening rise	-1615 Nov 13 j 02:04	17°♏55'17	
	-1615 Nov 22 j 17:03	0°♐	
	-1615 Dec 16 j 16:42	0°♑	
	-1614 Jan 09 j 20:14	0°♒	
	-1614 Feb 03 j 06:24	0°♓	
asc. node	-1614 Feb 23 j 11:21	24°♓25'02	
	-1614 Feb 28 j 03:34	0°♈	
	-1614 Mar 25 j 18:32	0°♉	
	-1614 Apr 21 j 17:04	0°♊	
evening max el	-1614 May 14 j 11:33	23°♊11'56	45°18'19
	-1614 May 21 j 20:15	0°♋	
desc. node	-1614 Jun 15 j 02:36	17°♋51'26	
greatest brilliancy	-1614 Jun 22 j 00:29	20°♋53'45	-4.7m
retrograde	-1614 Jul 02 j 00:51	22°♋41'58	
evening set	-1614 Jul 18 j 14:59	17°♋34'22	
inferior conj	-1614 Jul 23 j 07:06	14°♋47'05	-7°32'29
minimum elong	-1614 Jul 22 j 21:58	15°♋01'06	7°31'04
min. Earth dist.	-1614 Jul 23 j 15:34	14°♋34'05	0.28222 AU
morning rise	-1614 Jul 27 j 04:34	12°♋25'34	
direct	-1614 Aug 13 j 15:27	6°♋41'24	
greatest brilliancy	-1614 Aug 24 j 15:56	8°♋53'58	-4.8m
	-1614 Sep 23 j 14:03	0°♌	
morning max el	-1614 Oct 02 j 23:08	9°♌06'44	46°42'30
asc. node	-1614 Oct 06 j 04:10	12°♌23'34	
	-1614 Oct 22 j 11:48	0°♍	
	-1614 Nov 17 j 09:33	0°♎	
	-1614 Dec 12 j 07:19	0°♏	
	-1613 Jan 05 j 20:48	0°♐	
desc. node	-1613 Jan 25 j 19:43	24°♐27'36	
	-1613 Jan 30 j 08:09	0°♑	
	-1613 Feb 23 j 19:26	0°♒	
	-1613 Mar 20 j 07:03	0°♓	
morning set	-1613 Apr 08 j 09:34	23°♓24'06	
	-1613 Apr 13 j 18:49	0°♈	
	-1613 May 08 j 06:08	0°♉	
max. Earth dist.	-1613 May 13 j 03:13	5°♉59'17	1.73680 AU
superior conj	-1613 May 14 j 18:47	8°♉00'43	-0°09'41
minimum elong	-1613 May 14 j 20:42	8°♉06'37	0°09'34
behind sun begin	-1613 May 14 j 02:46	7°♉11'34	
behind sun end	-1613 May 15 j 14:38	9°♉01'40	
asc. node	-1613 May 18 j 21:07	13°♉02'38	
	-1613 Jun 01 j 16:11	0°♊	
evening rise	-1613 Jun 19 j 12:25	21°♊58'40	
	-1613 Jun 26 j 00:32	0°♋	
	-1613 Jul 20 j 07:40	0°♌	
	-1613 Aug 13 j 14:56	0°♍	
	-1613 Sep 07 j 00:08	0°♎	
desc. node	-1613 Sep 07 j 12:25	0°♎37'40	
	-1613 Oct 01 j 13:17	0°♏	
	-1613 Oct 26 j 09:44	0°♐	
	-1613 Nov 20 j 21:56	0°♑	
	-1613 Dec 18 j 02:57	0°♒	
evening max el	-1613 Dec 21 j 07:38	3°♒16'57	46°51'18
asc. node	-1613 Dec 29 j 13:27	11°♒24'14	
	-1612 Jan 21 j 16:43	0°♓	
greatest brilliancy	-1612 Jan 30 j 04:48	4°♓16'24	-4.8m
retrograde	-1612 Feb 09 j 21:19	6°♓26'05	
evening set	-1612 Feb 27 j 16:54	0°♓16'53	
	-1612 Feb 28 j 03:52	30°♑♒	
inferior conj	-1612 Mar 02 j 04:33	28°♒05'18	8°11'50
minimum elong	-1612 Mar 02 j 09:00	27°♒58'13	8°11'32
min. Earth dist.	-1612 Mar 01 j 22:38	28°♒14'44	0.28803 AU
morning rise	-1612 Mar 06 j 01:15	25°♒40'04	
direct	-1612 Mar 23 j 11:20	19°♒49'32	
greatest brilliancy	-1612 Apr 01 j 23:07	21°♒28'01	-4.7m
	-1612 Apr 17 j 23:23	0°♓	
desc. node	-1612 Apr 19 j 04:56	0°♓52'19	
morning max el	-1612 May 11 j 06:58	19°♓39'30	45°46'58
	-1612 May 21 j 18:41	0°♈	
	-1612 Jun 18 j 18:40	0°♉	
	-1612 Jul 14 j 23:05	0°♊	
	-1612 Aug 09 j 03:15	0°♋	
asc. node	-1612 Aug 10 j 06:41	1°♋23'00	
	-1612 Sep 02 j 15:15	0°♌	
	-1612 Sep 26 j 16:56	0°♍	
	-1612 Oct 20 j 13:27	0°♎	
morning set	-1612 Nov 07 j 04:19	22°♎12'29	
	-1612 Nov 13 j 08:44	0°♏	
desc. node	-1612 Nov 29 j 22:03	20°♏50'13	
	-1612 Dec 07 j 05:06	0°♐	
superior conj	-1612 Dec 19 j 05:59	15°♐06'05	-0°43'27
minimum elong	-1612 Dec 18 j 19:40	14°♐33'46	0°43'03
max. Earth dist.	-1612 Dec 23 j 06:06	20°♐07'10	1.71463 AU
	-1612 Dec 31 j 03:38	0°♑	
	-1611 Jan 24 j 05:00	0°♒	
evening rise	-1611 Jan 29 j 06:05	6°♒16'06	
	-1611 Feb 17 j 10:07	0°♓	
	-1611 Mar 13 j 20:17	0°♈	
asc. node	-1611 Mar 22 j 23:23	11°♈08'03	
	-1611 Apr 07 j 13:02	0°♉	
	-1611 May 02 j 14:20	0°♊	
	-1611 May 28 j 03:50	0°♋	
	-1611 Jun 23 j 14:01	0°♌	
desc. node	-1611 Jul 12 j 14:24	20°♌30'21	
	-1611 Jul 21 j 21:22	0°♍	
evening max el	-1611 Jul 26 j 06:42	4°♍18'59	46°23'23
	-1611 Aug 27 j 05:05	0°♎	
greatest brilliancy	-1611 Sep 04 j 23:05	3°♎53'37	-4.9m
retrograde	-1611 Sep 13 j 23:55	5°♎24'29	
evening set	-1611 Sep 30 j 07:36	0°♎17'42	
	-1611 Sep 30 j 19:59	30°℞♍	
inferior conj	-1611 Oct 04 j 14:37	27°♍45'09	-6°39'14
minimum elong	-1611 Oct 05 j 01:24	27°♍28'50	6°36'55
min. Earth dist.	-1611 Oct 05 j 04:33	27°♍24'04	0.26680 AU
morning rise	-1611 Oct 09 j 18:56	24°♍42'37	
direct	-1611 Oct 25 j 03:06	20°♍04'39	
asc. node	-1611 Nov 02 j 15:46	21°♍29'36	
greatest brilliancy	-1611 Nov 04 j 20:50	22°♍16'53	-4.9m
	-1611 Nov 18 j 10:31	0°♎	
morning max el	-1611 Dec 14 j 21:51	23°♎40'13	46°51'52
	-1611 Dec 21 j 00:32	0°♏	
	-1610 Jan 17 j 04:26	0°♐	
	-1610 Feb 12 j 00:39	0°♑	
desc. node	-1610 Feb 22 j 07:42	12°♑08'23	
	-1610 Mar 09 j 08:34	0°♒	
	-1610 Apr 03 j 10:13	0°♓	
	-1610 Apr 28 j 07:29	0°♈	
	-1610 May 23 j 00:32	0°♉	
morning set	-1610 Jun 14 j 13:10	27°♉33'37	
asc. node	-1610 Jun 15 j 09:02	28°♉34'37	
	-1610 Jun 16 j 12:49	0°♊	
	-1610 Jul 10 j 20:06	0°♋	
max. Earth dist.	-1610 Jul 16 j 18:33	7°♋21'45	1.72605 AU
superior conj	-1610 Jul 20 j 21:16	12°♋28'21	1°10'52

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

minimum elong	-1610 Jul 20 j 13:09	12°♋03'07	1°10'41
	-1610 Aug 03 j 23:02	0°♌	
evening rise	-1610 Aug 26 j 20:19	28°♌35'32	
	-1610 Aug 27 j 23:20	0°♍	
	-1610 Sep 20 j 22:56	0°♎	
desc. node	-1610 Oct 05 j 00:21	17°♎34'12	
	-1610 Oct 14 j 23:27	0°♏	
	-1610 Nov 08 j 02:15	0°♐	
	-1610 Dec 02 j 09:23	0°♑	
	-1610 Dec 27 j 01:16	0°♒	
	-1609 Jan 21 j 11:09	0°♓	
asc. node	-1609 Jan 26 j 01:26	5°♓16'23	
	-1609 Feb 17 j 12:17	0°♈	
evening max el	-1609 Mar 02 j 11:00	13°♈08'49	45°34'18
	-1609 Mar 21 j 14:21	0°♉	
greatest brilliancy	-1609 Apr 09 j 05:40	11°♉03'07	-4.7m
retrograde	-1609 Apr 20 j 02:30	13°♉10'06	
evening set	-1609 May 05 j 08:31	8°♉41'37	
inferior conj	-1609 May 11 j 13:13	4°♉58'03	1°25'13
minimum elong	-1609 May 11 j 16:17	4°♉53'15	1°24'22
min. Earth dist.	-1609 May 11 j 22:37	4°♉43'20	0.29033 AU
morning rise	-1609 May 17 j 23:56	1°♉05'50	
desc. node	-1609 May 17 j 16:43	1°♉15'46	
	-1609 May 20 j 02:29	30°℞♈	
direct	-1609 Jun 02 j 07:45	26°♈37'26	
greatest brilliancy	-1609 Jun 12 j 22:48	28°♈39'05	-4.7m
	-1609 Jun 16 j 05:39	0°♉	
morning max el	-1609 Jul 21 j 10:30	26°♉50'52	46°01'20
	-1609 Jul 24 j 15:53	0°♊	
	-1609 Aug 21 j 20:13	0°♋	
asc. node	-1609 Sep 07 j 18:35	19°♋28'08	
	-1609 Sep 16 j 16:13	0°♌	
	-1609 Oct 11 j 10:02	0°♍	
	-1609 Nov 04 j 15:04	0°♎	
	-1609 Nov 28 j 15:15	0°♏	
	-1609 Dec 22 j 15:05	0°♐	
desc. node	-1609 Dec 28 j 09:57	7°♐13'24	
	-1608 Jan 15 j 16:32	0°♑	
morning set	-1608 Jan 24 j 11:36	10°♑56'16	
	-1608 Feb 08 j 20:11	0°♒	
superior conj	-1608 Mar 03 j 23:16	29°♒51'04	-1°21'29
minimum elong	-1608 Mar 04 j 04:31	0°♓07'15	1°21'26
	-1608 Mar 04 j 02:10	0°♓	
max. Earth dist.	-1608 Mar 06 j 19:12	3°♓20'42	1.73037 AU
	-1608 Mar 28 j 10:33	0°♈	
evening rise	-1608 Apr 10 j 15:23	16°♈12'45	
asc. node	-1608 Apr 19 j 11:17	27°♈02'16	
	-1608 Apr 21 j 21:21	0°♉	
	-1608 May 16 j 10:29	0°♊	
	-1608 Jun 10 j 02:15	0°♋	
	-1608 Jul 04 j 21:53	0°♌	
	-1608 Jul 30 j 00:07	0°♍	
desc. node	-1608 Aug 09 j 02:24	11°♍55'38	
	-1608 Aug 24 j 14:11	0°♎	
	-1608 Sep 20 j 04:11	0°♏	
evening max el	-1608 Oct 07 j 15:36	18°♏27'27	47°27'19
	-1608 Oct 19 j 13:56	0°♐	
greatest brilliancy	-1608 Nov 17 j 06:58	20°♐01'59	-4.9m
retrograde	-1608 Nov 27 j 13:31	22°♐03'12	
asc. node	-1608 Nov 30 j 03:41	21°♐54'53	
evening set	-1608 Dec 12 j 08:28	17°♐39'04	
min. Earth dist.	-1608 Dec 17 j 06:52	14°♐42'26	0.26849 AU
inferior conj	-1608 Dec 18 j 06:00	14°♐06'22	4°24'38
minimum elong	-1608 Dec 17 j 21:27	14°♐19'43	4°22'16
morning rise	-1608 Dec 23 j 11:08	10°♐58'22	
direct	-1607 Jan 07 j 15:54	6°♐24'04	
greatest brilliancy	-1607 Jan 16 j 17:09	7°♐57'02	-4.9m
	-1607 Feb 18 j 00:08	0°♑	
morning max el	-1607 Feb 26 j 03:12	7°♑41'10	46°15'53
	-1607 Mar 19 j 18:51	0°♒	
desc. node	-1607 Mar 21 j 19:20	2°♒10'43	
	-1607 Apr 15 j 19:53	0°♓	
	-1607 May 11 j 19:28	0°♈	
	-1607 Jun 06 j 04:18	0°♉	
	-1607 Jul 01 j 01:50	0°♊	
asc. node	-1607 Jul 12 j 20:57	14°♊23'29	
	-1607 Jul 25 j 13:35	0°♋	
	-1607 Aug 18 j 17:15	0°♌	
morning set	-1607 Aug 22 j 12:35	4°♌45'25	
	-1607 Sep 11 j 15:29	0°♍	
max. Earth dist.	-1607 Sep 28 j 23:35	21°♍49'38	1.71109 AU
superior conj	-1607 Sep 30 j 01:45	23°♍12'02	1°06'41
minimum elong	-1607 Sep 30 j 12:13	23°♍45'01	1°06'22
	-1607 Oct 05 j 11:17	0°♎	
	-1607 Oct 29 j 07:05	0°♏	
desc. node	-1607 Nov 01 j 12:16	4°♏02'42	
evening rise	-1607 Nov 10 j 11:12	15°♏17'55	
	-1607 Nov 22 j 04:22	0°♐	
	-1607 Dec 16 j 04:07	0°♑	
	-1606 Jan 09 j 07:49	0°♒	
	-1606 Feb 02 j 18:18	0°♓	
asc. node	-1606 Feb 22 j 13:25	23°♓54'13	
	-1606 Feb 27 j 16:05	0°♈	
	-1606 Mar 25 j 08:21	0°♉	
	-1606 Apr 21 j 09:56	0°♊	
evening max el	-1606 May 12 j 01:55	20°♊57'35	45°17'28
	-1606 May 21 j 23:43	0°♋	
desc. node	-1606 Jun 14 j 04:41	16°♋22'32	
greatest brilliancy	-1606 Jun 19 j 13:06	18°♋37'50	-4.7m
retrograde	-1606 Jun 29 j 15:38	20°♋28'02	
evening set	-1606 Jul 16 j 02:08	15°♋24'35	
inferior conj	-1606 Jul 20 j 21:57	12°♋32'13	-7°20'58
minimum elong	-1606 Jul 20 j 12:27	12°♋46'45	7°19'24
min. Earth dist.	-1606 Jul 21 j 05:58	12°♋19'56	0.28268 AU
morning rise	-1606 Jul 24 j 22:25	10°♋06'30	
direct	-1606 Aug 11 j 06:45	4°♋25'34	
greatest brilliancy	-1606 Aug 22 j 07:43	6°♋38'41	-4.8m
	-1606 Sep 23 j 16:04	0°♌	
morning max el	-1606 Sep 30 j 14:08	6°♌47'14	46°41'19
asc. node	-1606 Oct 05 j 06:09	11°♌34'27	
	-1606 Oct 22 j 04:58	0°♍	
	-1606 Nov 16 j 23:57	0°♎	
	-1606 Dec 11 j 20:25	0°♏	
	-1605 Jan 05 j 09:08	0°♐	
desc. node	-1605 Jan 24 j 21:55	23°♐57'56	
	-1605 Jan 29 j 19:56	0°♑	
	-1605 Feb 23 j 06:48	0°♒	
	-1605 Mar 19 j 18:09	0°♓	
morning set	-1605 Apr 06 j 03:02	21°♓17'03	
	-1605 Apr 13 j 05:43	0°♈	
	-1605 May 07 j 16:54	0°♉	
max. Earth dist.	-1605 May 11 j 02:01	4°♉08'56	1.73687 AU
superior conj	-1605 May 12 j 13:29	5°♉57'47	-0°12'44
minimum elong	-1605 May 12 j 16:01	6°♉05'34	0°12'36
behind sun begin	-1605 May 12 j 02:23	5°♉23'44	
behind sun end	-1605 May 13 j 05:38	6°♉47'24	
asc. node	-1605 May 17 j 23:16	12°♉36'13	
	-1605 Jun 01 j 02:56	0°♊	
evening rise	-1605 Jun 17 j 07:51	19°♊57'21	
	-1605 Jun 25 j 11:24	0°♋	
	-1605 Jul 19 j 18:46	0°♌	

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

	-1605 Aug 13 j 02:26	0°♍	
desc. node	-1605 Sep 06 j 14:24	0°♎06'50	
	-1605 Sep 06 j 12:10	0°♎	
	-1605 Oct 01 j 02:02	0°♏	
	-1605 Oct 25 j 23:32	0°♐	
	-1605 Nov 20 j 13:41	0°♑	
	-1605 Dec 17 j 23:52	0°♒	
evening max el	-1605 Dec 18 j 23:14	0°♒59'38	46°54'02
asc. node	-1605 Dec 28 j 15:38	10°♒28'57	
	-1604 Jan 23 j 08:18	0°♓	
greatest brilliancy	-1604 Jan 27 j 20:25	2°♓02'05	-4.8m
retrograde	-1604 Feb 07 j 14:15	4°♓13'04	
	-1604 Feb 22 j 01:15	30°℞♒	
evening set	-1604 Feb 25 j 10:11	28°♒01'49	
inferior conj	-1604 Feb 28 j 20:36	25°♒52'11	8°16'46
minimum elong	-1604 Feb 29 j 00:24	25°♒46'10	8°16'32
min. Earth dist.	-1604 Feb 28 j 13:12	26°♒03'59	0.28763 AU
morning rise	-1604 Mar 03 j 14:49	23°♒31'01	
direct	-1604 Mar 21 j 03:02	17°♒37'06	
greatest brilliancy	-1604 Mar 30 j 13:02	19°♒14'40	-4.7m
desc. node	-1604 Apr 18 j 07:00	29°♒43'36	
	-1604 Apr 18 j 15:50	0°♓	
morning max el	-1604 May 08 j 23:40	17°♓31'17	45°47'20
	-1604 May 21 j 13:34	0°♈	
	-1604 Jun 18 j 09:11	0°♉	
	-1604 Jul 14 j 11:49	0°♊	
	-1604 Aug 08 j 15:06	0°♋	
asc. node	-1604 Aug 09 j 08:48	0°♋53'38	
	-1604 Sep 02 j 02:39	0°♌	
	-1604 Sep 26 j 04:09	0°♍	
	-1604 Oct 20 j 00:36	0°♎	
morning set	-1604 Nov 04 j 14:47	19°♎39'13	
	-1604 Nov 12 j 19:50	0°♏	
desc. node	-1604 Nov 29 j 00:13	20°♏22'13	
	-1604 Dec 06 j 16:10	0°♐	
superior conj	-1604 Dec 16 j 15:13	12°♐29'56	-0°39'58
minimum elong	-1604 Dec 16 j 05:28	11°♐59'22	0°39'34
max. Earth dist.	-1604 Dec 20 j 15:48	17°♐32'35	1.71419 AU
	-1604 Dec 30 j 14:39	0°♑	
	-1603 Jan 23 j 16:00	0°♒	
evening rise	-1603 Jan 26 j 18:06	3°♒50'16	
	-1603 Feb 16 j 21:09	0°♓	
	-1603 Mar 13 j 07:28	0°♈	
asc. node	-1603 Mar 22 j 01:23	10°♈39'50	
	-1603 Apr 07 j 00:33	0°♉	
	-1603 May 02 j 02:31	0°♊	
	-1603 May 27 j 17:14	0°♋	
	-1603 Jun 23 j 05:53	0°♌	
desc. node	-1603 Jul 11 j 16:35	19°♌45'49	
	-1603 Jul 21 j 19:39	0°♍	
evening max el	-1603 Jul 23 j 20:43	1°♍59'39	46°20'31
	-1603 Aug 29 j 14:39	0°♎	
greatest brilliancy	-1603 Sep 02 j 10:52	1°♎27'09	-4.9m
retrograde	-1603 Sep 11 j 11:57	2°♎57'41	
	-1603 Sep 23 j 17:19	30°℞♍	
evening set	-1603 Sep 27 j 23:14	27°♍46'23	
inferior conj	-1603 Oct 02 j 02:56	25°♍18'13	-6°54'46
minimum elong	-1603 Oct 02 j 13:36	25°♍02'03	6°52'35
min. Earth dist.	-1603 Oct 02 j 17:12	24°♍56'36	0.26728 AU
morning rise	-1603 Oct 07 j 03:44	22°♍20'21	
direct	-1603 Oct 22 j 16:34	17°♍37'17	
asc. node	-1603 Nov 01 j 17:56	19°♍33'49	
greatest brilliancy	-1603 Nov 02 j 10:03	19°♍49'09	-4.9m
	-1603 Nov 19 j 06:35	0°♎	
morning max el	-1603 Dec 12 j 11:10	21°♎13'53	46°52'15
	-1603 Dec 20 j 20:57	0°♏	
	-1602 Jan 16 j 20:05	0°♐	
	-1602 Feb 11 j 14:13	0°♑	
desc. node	-1602 Feb 21 j 09:41	11°♑35'40	
	-1602 Mar 08 j 20:58	0°♒	
	-1602 Apr 02 j 21:53	0°♓	
	-1602 Apr 27 j 18:40	0°♈	
	-1602 May 22 j 11:24	0°♉	
morning set	-1602 Jun 12 j 07:27	25°♉29'28	
asc. node	-1602 Jun 14 j 11:11	28°♉08'17	
	-1602 Jun 15 j 23:33	0°♊	
	-1602 Jul 10 j 06:48	0°♋	
max. Earth dist.	-1602 Jul 14 j 10:10	5°♋08'05	1.72659 AU
superior conj	-1602 Jul 18 j 14:55	10°♋20'47	1°09'05
minimum elong	-1602 Jul 18 j 06:36	9°♋54'56	1°08'52
	-1602 Aug 03 j 09:48	0°♌	
evening rise	-1602 Aug 24 j 11:16	26°♌18'09	
	-1602 Aug 27 j 10:13	0°♍	
	-1602 Sep 20 j 10:00	0°♎	
desc. node	-1602 Oct 04 j 02:24	17°♎05'35	
	-1602 Oct 14 j 10:46	0°♏	
	-1602 Nov 07 j 13:54	0°♐	
	-1602 Dec 01 j 21:29	0°♑	
	-1602 Dec 26 j 14:08	0°♒	
	-1601 Jan 21 j 01:32	0°♓	
asc. node	-1601 Jan 25 j 03:28	4°♓40'05	
	-1601 Feb 17 j 06:30	0°♈	
evening max el	-1601 Feb 28 j 02:01	10°♈55'33	45°36'15
	-1601 Mar 22 j 03:40	0°♉	
greatest brilliancy	-1601 Apr 06 j 22:58	8°♉56'19	-4.7m
retrograde	-1601 Apr 17 j 18:26	11°♉02'28	
evening set	-1601 May 03 j 02:28	6°♉31'53	
inferior conj	-1601 May 09 j 05:45	2°♉50'06	1°44'16
minimum elong	-1601 May 09 j 09:28	2°♉44'16	1°43'15
min. Earth dist.	-1601 May 09 j 15:30	2°♉34'46	0.29045 AU
	-1601 May 13 j 20:25	30°℞♈	
morning rise	-1601 May 15 j 16:16	28°♈57'35	
desc. node	-1601 May 16 j 18:52	28°♈21'59	
direct	-1601 May 30 j 23:58	24°♈29'15	
greatest brilliancy	-1601 Jun 10 j 14:56	26°♈30'21	-4.7m
	-1601 Jun 18 j 03:37	0°♉	
morning max el	-1601 Jul 19 j 01:05	24°♉36'50	46°00'13
	-1601 Jul 24 j 12:25	0°♊	
	-1601 Aug 21 j 11:21	0°♋	
asc. node	-1601 Sep 06 j 20:31	18°♋53'39	
	-1601 Sep 16 j 05:22	0°♌	
	-1601 Oct 10 j 22:14	0°♍	
	-1601 Nov 04 j 02:45	0°♎	
	-1601 Nov 28 j 02:37	0°♏	
	-1601 Dec 22 j 02:14	0°♐	
desc. node	-1601 Dec 27 j 12:05	6°♐45'25	
	-1600 Jan 15 j 03:32	0°♑	
morning set	-1600 Jan 21 j 23:09	8°♑28'58	
	-1600 Feb 08 j 07:03	0°♒	
superior conj	-1600 Mar 01 j 14:17	27°♒36'00	-1°22'22
minimum elong	-1600 Mar 01 j 18:50	27°♒50'04	1°22'20
	-1600 Mar 03 j 12:55	0°♓	
max. Earth dist.	-1600 Mar 04 j 13:00	1°♓14'18	1.72988 AU
	-1600 Mar 27 j 21:16	0°♈	
evening rise	-1600 Apr 08 j 08:31	14°♈05'05	
asc. node	-1600 Apr 18 j 13:24	26°♈35'41	
	-1600 Apr 21 j 08:08	0°♉	
	-1600 May 15 j 21:30	0°♊	
	-1600 Jun 09 j 13:41	0°♋	
	-1600 Jul 04 j 09:58	0°♌	
	-1600 Jul 29 j 13:13	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	-1600 Aug 08 j 04:23	11°♍21'14		
	-1600 Aug 24 j 05:01	0°♎		
	-1600 Sep 19 j 22:34	0°♏		
evening max el	-1600 Oct 05 j 04:35	16°♏01'05	47°26'38	
	-1600 Oct 19 j 20:02	0°♐		
greatest brilliancy	-1600 Nov 14 j 22:08	17°♐37'10	-4.9m	
retrograde	-1600 Nov 25 j 02:42	19°♐36'58		
asc. node	-1600 Nov 29 j 05:48	19°♐15'41		
evening set	-1600 Dec 09 j 20:01	15°♐15'53		
min. Earth dist.	-1600 Dec 14 j 21:17	12°♐15'41	0.26790 AU	
inferior conj	-1600 Dec 15 j 19:19	11°♐41'26	4°04'33	
minimum elong	-1600 Dec 15 j 11:13	11°♐54'02	4°02'14	
morning rise	-1600 Dec 21 j 03:01	8°♐29'59		
direct	-1599 Jan 05 j 04:02	3°♐59'50		
greatest brilliancy	-1599 Jan 14 j 07:42	5°♐34'40	-4.9m	
	-1599 Feb 18 j 02:31	0°♑		
morning max el	-1599 Feb 23 j 16:19	5°♑19'53	46°17'18	
	-1599 Mar 19 j 11:49	0°♒		
desc. node	-1599 Mar 20 j 21:26	1°♒31'08		
	-1599 Apr 15 j 09:48	0°♓		
	-1599 May 11 j 07:56	0°♈		
	-1599 Jun 05 j 15:57	0°♉		
	-1599 Jun 30 j 13:02	0°♊		
asc. node	-1599 Jul 11 j 22:59	13°♊55'52		
	-1599 Jul 25 j 00:33	0°♋		
	-1599 Aug 18 j 04:08	0°♌		
morning set	-1599 Aug 20 j 03:28	2°♌27'53		
	-1599 Sep 11 j 02:23	0°♍		
max. Earth dist.	-1599 Sep 26 j 08:39	19°♍12'31	1.71141 AU	
superior conj	-1599 Sep 27 j 13:48	20°♍44'19	1°08'56	
minimum elong	-1599 Sep 27 j 23:58	21°♍16'19	1°08'39	
	-1599 Oct 04 j 22:15	0°♎		
	-1599 Oct 28 j 18:08	0°♏		
desc. node	-1599 Oct 31 j 14:27	3°♏34'48		
evening rise	-1599 Nov 07 j 20:34	12°♏41'51		
	-1599 Nov 21 j 15:29	0°♐		
	-1599 Dec 15 j 15:18	0°♑		
	-1598 Jan 08 j 19:08	0°♒		
	-1598 Feb 02 j 05:57	0°♓		
asc. node	-1598 Feb 21 j 15:25	23°♓23'47		
	-1598 Feb 27 j 04:26	0°♈		
	-1598 Mar 24 j 22:09	0°♉		
	-1598 Apr 21 j 03:05	0°♊		
evening max el	-1598 May 09 j 17:06	18°♊45'21	45°16'38	
	-1598 May 22 j 05:02	0°♋		
desc. node	-1598 Jun 13 j 06:50	14°♋50'31		
greatest brilliancy	-1598 Jun 17 j 01:29	16°♋21'42	-4.7m	
retrograde	-1598 Jun 27 j 06:38	18°♋13'53		
evening set	-1598 Jul 13 j 13:17	13°♋14'39		
inferior conj	-1598 Jul 18 j 12:39	10°♋17'10	-7°08'47	
minimum elong	-1598 Jul 18 j 02:54	10°♋32'06	7°07'05	
min. Earth dist.	-1598 Jul 18 j 20:01	10°♋05'53	0.28310 AU	
morning rise	-1598 Jul 22 j 16:11	7°♋47'09		
direct	-1598 Aug 08 j 22:24	2°♋09'47		
greatest brilliancy	-1598 Aug 19 j 22:41	4°♋22'38	-4.8m	
	-1598 Sep 23 j 16:43	0°♌		
morning max el	-1598 Sep 28 j 05:32	4°♌29'14	46°40'06	
asc. node	-1598 Oct 04 j 08:22	10°♌46'59		
	-1598 Oct 21 j 21:42	0°♍		
	-1598 Nov 16 j 14:07	0°♎		
	-1598 Dec 11 j 09:20	0°♏		
	-1597 Jan 04 j 21:17	0°♐		
desc. node	-1597 Jan 23 j 23:53	23°♐28'04		
	-1597 Jan 29 j 07:33	0°♑		
	-1597 Feb 22 j 18:01	0°♒		
	-1597 Mar 19 j 05:05	0°♓		
morning set	-1597 Apr 03 j 20:35	19°♓10'36		
	-1597 Apr 12 j 16:29	0°♈		
	-1597 May 07 j 03:37	0°♉		
max. Earth dist.	-1597 May 09 j 01:39	2°♉21'15	1.73697 AU	
superior conj	-1597 May 10 j 08:06	3°♉54'42	-0°15'47	
minimum elong	-1597 May 10 j 11:14	4°♉04'18	0°15'37	
behind sun begin	-1597 May 10 j 07:50	3°♉53'54		
behind sun end	-1597 May 10 j 14:37	4°♉14'43		
asc. node	-1597 May 17 j 01:25	12°♉09'55		
	-1597 May 31 j 13:41	0°♊		
evening rise	-1597 Jun 15 j 03:06	17°♊55'25		
	-1597 Jun 24 j 22:18	0°♋		
	-1597 Jul 19 j 05:56	0°♌		
	-1597 Aug 12 j 13:59	0°♍		
desc. node	-1597 Sep 05 j 16:28	29°♍36'08		
	-1597 Sep 06 j 00:15	0°♎		
	-1597 Sep 30 j 14:51	0°♏		
	-1597 Oct 25 j 13:28	0°♐		
	-1597 Nov 20 j 05:43	0°♑		
evening max el	-1597 Dec 16 j 15:37	28°♑44'11	46°56'45	
	-1597 Dec 17 j 21:32	0°♒		
asc. node	-1597 Dec 27 j 17:44	9°♒32'21		
greatest brilliancy	-1596 Jan 25 j 12:26	29°♒48'24	-4.8m	
	-1596 Jan 26 j 00:39	0°♓		
retrograde	-1596 Feb 05 j 07:21	2°♓00'10		
	-1596 Feb 15 j 03:01	30°℞♒		
evening set	-1596 Feb 23 j 03:22	25°♒47'32		
min. Earth dist.	-1596 Feb 26 j 03:40	23°♒53'51	0.28715 AU	
inferior conj	-1596 Feb 26 j 12:46	23°♒39'22	8°20'58	
minimum elong	-1596 Feb 26 j 15:54	23°♒34'24	8°20'48	
morning rise	-1596 Mar 01 j 04:41	21°♒21'51		
direct	-1596 Mar 18 j 19:07	15°♒25'19		
greatest brilliancy	-1596 Mar 28 j 02:27	17°♒01'11	-4.7m	
desc. node	-1596 Apr 17 j 09:10	28°♒37'21		
	-1596 Apr 19 j 03:54	0°♓		
morning max el	-1596 May 06 j 16:03	15°♓22'33	45°47'33	
	-1596 May 21 j 07:54	0°♈		
	-1596 Jun 17 j 23:34	0°♉		
	-1596 Jul 14 j 00:34	0°♊		
asc. node	-1596 Aug 08 j 10:47	0°♋23'28		
	-1596 Aug 08 j 03:03	0°♋		
	-1596 Sep 01 j 14:12	0°♌		
	-1596 Sep 25 j 15:30	0°♍		
	-1596 Oct 19 j 11:51	0°♎		
morning set	-1596 Nov 02 j 01:16	17°♎05'40		
	-1596 Nov 12 j 07:03	0°♏		
desc. node	-1596 Nov 28 j 02:16	19°♏53'29		
	-1596 Dec 06 j 03:20	0°♐		
superior conj	-1596 Dec 14 j 00:23	9°♐53'10	-0°36'23	
minimum elong	-1596 Dec 13 j 15:18	9°♐24'39	0°36'00	
max. Earth dist.	-1596 Dec 18 j 02:29	15°♐00'40	1.71375 AU	
	-1596 Dec 30 j 01:48	0°♑		
	-1595 Jan 23 j 03:07	0°♒		
evening rise	-1595 Jan 24 j 06:03	1°♒23'41		
	-1595 Feb 16 j 08:18	0°♓		
	-1595 Mar 12 j 18:45	0°♈		
asc. node	-1595 Mar 21 j 03:35	10°♈11'56		
	-1595 Apr 06 j 12:10	0°♉		
	-1595 May 01 j 14:50	0°♊		
	-1595 May 27 j 06:53	0°♋		
	-1595 Jun 22 j 22:15	0°♌		
desc. node	-1595 Jul 10 j 18:32	18°♌59'17		
evening max el	-1595 Jul 21 j 10:01	29°♌37'43	46°17'21	
	-1595 Jul 21 j 19:14	0°♍		
greatest brilliancy	-1595 Aug 30 j 23:11	29°♍00'10	-4.9m	

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

	-1595 Sep 03 j 20:42	0°♎		
retrograde	-1595 Sep 08 j 23:25	0°♎29'43		
	-1595 Sep 13 j 23:08	30℞♍		
evening set	-1595 Sep 25 j 14:47	25°♍13'59		
inferior conj	-1595 Sep 29 j 15:11	22°♍50'19	-7°09'30	
minimum elong	-1595 Sep 30 j 01:38	22°♍34'25	7°07'28	
min. Earth dist.	-1595 Sep 30 j 06:06	22°♍27'38	0.26777 AU	
morning rise	-1595 Oct 04 j 12:15	19°♍57'14		
direct	-1595 Oct 20 j 05:16	15°♍08'44		
greatest brilliancy	-1595 Oct 30 j 23:35	17°♍20'45	-4.9m	
asc. node	-1595 Oct 31 j 20:02	17°♍41'25		
	-1595 Nov 19 j 22:00	0°♎		
morning max el	-1595 Dec 09 j 23:29	18°♎44'02	46°52'45	
	-1595 Dec 20 j 17:02	0°♏		
	-1594 Jan 16 j 11:44	0°♐		
	-1594 Feb 11 j 03:54	0°♑		
desc. node	-1594 Feb 20 j 11:44	11°♑02'38		
	-1594 Mar 08 j 09:32	0°♒		
	-1594 Apr 02 j 09:44	0°♓		
	-1594 Apr 27 j 06:02	0°♈		
	-1594 May 21 j 22:27	0°♉		
morning set	-1594 Jun 10 j 02:08	23°♉25'58		
asc. node	-1594 Jun 13 j 13:13	27°♉41'02		
	-1594 Jun 15 j 10:27	0°♊		
	-1594 Jul 09 j 17:42	0°♋		
max. Earth dist.	-1594 Jul 12 j 03:43	2°♋59'48	1.72720 AU	
superior conj	-1594 Jul 16 j 08:54	8°♋13'39	1°07'12	
minimum elong	-1594 Jul 16 j 00:24	7°♋47'16	1°06'59	
	-1594 Aug 02 j 20:50	0°♌		
evening rise	-1594 Aug 22 j 02:28	24°♌00'46		
	-1594 Aug 26 j 21:26	0°♍		
	-1594 Sep 19 j 21:27	0°♎		
desc. node	-1594 Oct 03 j 04:34	16°♎36'11		
	-1594 Oct 13 j 22:28	0°♏		
	-1594 Nov 07 j 01:56	0°♐		
	-1594 Dec 01 j 09:59	0°♑		
	-1594 Dec 26 j 03:24	0°♒		
	-1593 Jan 20 j 16:23	0°♓		
asc. node	-1593 Jan 24 j 05:29	4°♓02'32		
	-1593 Feb 17 j 01:30	0°♈		
evening max el	-1593 Feb 25 j 16:33	8°♈40'15	45°38'24	
	-1593 Mar 22 j 21:57	0°♉		
greatest brilliancy	-1593 Apr 04 j 16:20	6°♉49'08	-4.7m	
retrograde	-1593 Apr 15 j 10:49	8°♉54'59		
evening set	-1593 Apr 30 j 20:46	4°♉21'50		
inferior conj	-1593 May 06 j 22:33	0°♉42'13	2°03'06	
minimum elong	-1593 May 07 j 02:54	0°♉35'23	2°01'53	
min. Earth dist.	-1593 May 07 j 08:44	0°♉26'14	0.29056 AU	
	-1593 May 08 j 01:26	30℞♈		
morning rise	-1593 May 13 j 08:46	26°♈49'46		
desc. node	-1593 May 15 j 20:56	25°♈31'51		
direct	-1593 May 28 j 16:02	22°♈21'04		
greatest brilliancy	-1593 Jun 08 j 07:36	24°♈22'11	-4.7m	
	-1593 Jun 19 j 10:48	0°♉		
morning max el	-1593 Jul 16 j 16:16	22°♉23'57	45°59'09	
	-1593 Jul 24 j 08:28	0°♊		
	-1593 Aug 21 j 02:30	0°♋		
asc. node	-1593 Sep 05 j 22:45	18°♋19'30		
	-1593 Sep 15 j 18:44	0°♌		
	-1593 Oct 10 j 10:45	0°♍		
	-1593 Nov 03 j 14:49	0°♎		
	-1593 Nov 27 j 14:24	0°♏		
	-1593 Dec 21 j 13:48	0°♐		
desc. node	-1593 Dec 26 j 14:07	6°♐15'48		
	-1592 Jan 14 j 14:55	0°♑		
morning set	-1592 Jan 19 j 10:16	5°♑59'00		
	-1592 Feb 07 j 18:17	0°♒		
superior conj	-1592 Feb 28 j 05:08	25°♒19'20	-1°23'07	
minimum elong	-1592 Feb 28 j 08:58	25°♒31'10	1°23'06	
max. Earth dist.	-1592 Mar 02 j 05:07	29°♒01'37	1.72936 AU	
	-1592 Mar 03 j 00:01	0°♓		
	-1592 Mar 27 j 08:20	0°♈		
evening rise	-1592 Apr 06 j 01:43	11°♈56'34		
asc. node	-1592 Apr 17 j 15:33	26°♈08'10		
	-1592 Apr 20 j 19:17	0°♉		
	-1592 May 15 j 08:52	0°♊		
	-1592 Jun 09 j 01:25	0°♋		
	-1592 Jul 03 j 22:20	0°♌		
	-1592 Jul 29 j 02:40	0°♍		
desc. node	-1592 Aug 07 j 06:29	10°♍46'18		
	-1592 Aug 23 j 20:20	0°♎		
	-1592 Sep 19 j 17:50	0°♏		
evening max el	-1592 Oct 02 j 17:40	13°♏33'47	47°25'34	
	-1592 Oct 20 j 05:15	0°♐		
greatest brilliancy	-1592 Nov 12 j 12:34	15°♐09'14	-4.9m	
retrograde	-1592 Nov 22 j 15:55	17°♐08'14		
asc. node	-1592 Nov 28 j 07:51	16°♐28'00		
evening set	-1592 Dec 07 j 07:23	12°♐49'37		
min. Earth dist.	-1592 Dec 12 j 11:14	9°♐46'20	0.26737 AU	
inferior conj	-1592 Dec 13 j 08:16	9°♐13'46	3°43'31	
minimum elong	-1592 Dec 13 j 00:41	9°♐25'32	3°41'18	
morning rise	-1592 Dec 18 j 18:33	5°♐59'12		
direct	-1591 Jan 02 j 16:09	1°♐32'45		
greatest brilliancy	-1591 Jan 11 j 21:44	3°♐09'26	-4.9m	
	-1591 Feb 18 j 04:11	0°♑		
morning max el	-1591 Feb 21 j 06:07	2°♑58'39	46°18'53	
	-1591 Mar 19 j 04:55	0°♒		
desc. node	-1591 Mar 19 j 23:40	0°♒51'06		
	-1591 Apr 14 j 23:57	0°♓		
	-1591 May 10 j 20:38	0°♈		
	-1591 Jun 05 j 03:52	0°♉		
	-1591 Jun 30 j 00:30	0°♊		
asc. node	-1591 Jul 11 j 01:03	13°♊27'34		
	-1591 Jul 24 j 11:46	0°♋		
morning set	-1591 Aug 17 j 19:06	0°♌12'03		
	-1591 Aug 17 j 15:15	0°♌		
	-1591 Sep 10 j 13:30	0°♍		
max. Earth dist.	-1591 Sep 23 j 20:14	16°♍42'38	1.71175 AU	
superior conj	-1591 Sep 25 j 02:31	18°♍17'59	1°11'00	
minimum elong	-1591 Sep 25 j 12:16	18°♍48'42	1°10'45	
	-1591 Oct 04 j 09:28	0°♎		
	-1591 Oct 28 j 05:28	0°♏		
desc. node	-1591 Oct 30 j 16:31	3°♏05'37		
evening rise	-1591 Nov 05 j 06:10	10°♏05'34		
	-1591 Nov 21 j 02:56	0°♐		
	-1591 Dec 15 j 02:52	0°♑		
	-1590 Jan 08 j 06:54	0°♒		
	-1590 Feb 01 j 18:04	0°♓		
asc. node	-1590 Feb 20 j 17:37	22°♓52'41		
	-1590 Feb 26 j 17:16	0°♈		
	-1590 Mar 24 j 12:28	0°♉		
	-1590 Apr 20 j 20:57	0°♊		
evening max el	-1590 May 07 j 09:11	16°♊34'32	45°15'59	
	-1590 May 22 j 12:55	0°♋		
desc. node	-1590 Jun 12 j 08:50	13°♋14'44		
greatest brilliancy	-1590 Jun 14 j 14:24	14°♋05'58	-4.7m	
retrograde	-1590 Jun 24 j 21:47	15°♋59'34		
evening set	-1590 Jul 11 j 00:50	11°♋04'45		
inferior conj	-1590 Jul 16 j 03:34	8°♋02'11	-6°56'02	
minimum elong	-1590 Jul 15 j 17:38	8°♋17'25	6°54'12	
min. Earth dist.	-1590 Jul 16 j 10:14	7°♋51'57	0.28345 AU	

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

morning rise	-1590 Jul 20 j 10:07	5°♋27'45	
	-1590 Aug 04 j 10:09	30°℞♊	
direct	-1590 Aug 06 j 14:25	29°♊54'21	
	-1590 Aug 08 j 19:12	0°♋	
greatest brilliancy	-1590 Aug 17 j 13:10	2°♋06'00	-4.8m
	-1590 Sep 23 j 16:20	0°♌	
morning max el	-1590 Sep 25 j 20:55	2°♌11'10	46°38'52
asc. node	-1590 Oct 03 j 10:27	9°♌59'42	
	-1590 Oct 21 j 14:15	0°♍	
	-1590 Nov 16 j 04:17	0°♎	
	-1590 Dec 10 j 22:22	0°♏	
	-1589 Jan 04 j 09:38	0°♐	
desc. node	-1589 Jan 23 j 02:00	22°♐57'50	
	-1589 Jan 28 j 19:25	0°♑	
	-1589 Feb 22 j 05:31	0°♒	
	-1589 Mar 18 j 16:19	0°♓	
morning set	-1589 Apr 01 j 13:40	17°♓01'50	
	-1589 Apr 12 j 03:31	0°♈	
	-1589 May 06 j 14:33	0°♉	
max. Earth dist.	-1589 May 07 j 01:17	0°♉32'55	1.73700 AU
superior conj	-1589 May 08 j 02:24	1°♉50'01	-0°18'50
minimum elong	-1589 May 08 j 06:07	2°♉01'25	0°18'38
asc. node	-1589 May 16 j 03:24	11°♉42'29	
	-1589 May 31 j 00:39	0°♊	
evening rise	-1589 Jun 12 j 22:18	15°♊52'47	
	-1589 Jun 24 j 09:23	0°♋	
	-1589 Jul 18 j 17:17	0°♌	
	-1589 Aug 12 j 01:42	0°♍	
desc. node	-1589 Sep 04 j 18:39	29°♍05'27	
	-1589 Sep 05 j 12:29	0°♎	
	-1589 Sep 30 j 03:46	0°♏	
	-1589 Oct 25 j 03:31	0°♐	
	-1589 Nov 19 j 22:01	0°♑	
evening max el	-1589 Dec 14 j 07:50	26°♑27'52	46°59'04
	-1589 Dec 17 j 20:08	0°♒	
asc. node	-1589 Dec 26 j 19:44	8°♒34'00	
greatest brilliancy	-1588 Jan 23 j 04:52	27°♒34'13	-4.8m
retrograde	-1588 Feb 02 j 23:58	29°♒45'47	
evening set	-1588 Feb 20 j 20:06	23°♒32'33	
inferior conj	-1588 Feb 24 j 04:46	21°♒25'17	8°24'20
minimum elong	-1588 Feb 24 j 07:12	21°♒21'26	8°24'14
min. Earth dist.	-1588 Feb 23 j 18:16	21°♒42'02	0.28669 AU
morning rise	-1588 Feb 27 j 18:34	19°♒10'54	
direct	-1588 Mar 16 j 11:00	13°♒12'21	
greatest brilliancy	-1588 Mar 25 j 15:59	14°♒46'27	-4.7m
desc. node	-1588 Apr 16 j 11:12	27°♒31'41	
	-1588 Apr 19 j 13:18	0°♓	
morning max el	-1588 May 04 j 07:33	13°♓10'48	45°47'51
	-1588 May 21 j 02:03	0°♈	
	-1588 Jun 17 j 13:57	0°♉	
	-1588 Jul 13 j 13:20	0°♊	
asc. node	-1588 Aug 07 j 12:59	29°♊53'52	
	-1588 Aug 07 j 15:00	0°♋	
	-1588 Sep 01 j 01:45	0°♌	
	-1588 Sep 25 j 02:51	0°♍	
	-1588 Oct 18 j 23:06	0°♎	
morning set	-1588 Oct 30 j 12:14	14°♎33'40	
	-1588 Nov 11 j 18:13	0°♏	
desc. node	-1588 Nov 27 j 04:19	19°♏24'54	
	-1588 Dec 05 j 14:27	0°♐	
superior conj	-1588 Dec 11 j 10:00	7°♐17'55	-0°32'44
minimum elong	-1588 Dec 11 j 01:39	6°♐51'43	0°32'24
max. Earth dist.	-1588 Dec 15 j 12:57	12°♐28'11	1.71330 AU
	-1588 Dec 29 j 12:53	0°♑	
evening rise	-1587 Jan 21 j 18:04	28°♑57'21	
	-1587 Jan 22 j 14:13	0°♒	
	-1587 Feb 15 j 19:27	0°♓	
	-1587 Mar 12 j 06:05	0°♈	
asc. node	-1587 Mar 20 j 05:38	9°♈43'24	
	-1587 Apr 05 j 23:53	0°♉	
	-1587 May 01 j 03:16	0°♊	
	-1587 May 26 j 20:43	0°♋	
	-1587 Jun 22 j 14:55	0°♌	
desc. node	-1587 Jul 09 j 20:42	18°♌12'42	
evening max el	-1587 Jul 18 j 22:21	27°♌13'45	46°14'22
	-1587 Jul 21 j 19:52	0°♍	
greatest brilliancy	-1587 Aug 28 j 12:00	26°♍34'22	-4.8m
retrograde	-1587 Sep 06 j 10:44	28°♍02'44	
evening set	-1587 Sep 23 j 06:23	22°♍42'20	
inferior conj	-1587 Sep 27 j 03:34	20°♍23'20	-7°23'16
minimum elong	-1587 Sep 27 j 13:45	20°♍07'51	7°21'25
min. Earth dist.	-1587 Sep 27 j 19:25	19°♍59'14	0.26826 AU
morning rise	-1587 Oct 01 j 20:49	17°♍35'15	
direct	-1587 Oct 17 j 17:43	12°♍40'47	
greatest brilliancy	-1587 Oct 28 j 13:50	14°♍53'51	-4.9m
asc. node	-1587 Oct 30 j 22:04	15°♍53'56	
	-1587 Nov 20 j 09:20	0°♎	
morning max el	-1587 Dec 07 j 11:47	16°♎14'31	46°53'24
	-1587 Dec 20 j 12:19	0°♏	
	-1586 Jan 16 j 02:56	0°♐	
	-1586 Feb 10 j 17:14	0°♑	
desc. node	-1586 Feb 19 j 13:58	10°♑31'00	
	-1586 Mar 07 j 21:50	0°♒	
	-1586 Apr 01 j 21:22	0°♓	
	-1586 Apr 26 j 17:15	0°♈	
	-1586 May 21 j 09:24	0°♉	
morning set	-1586 Jun 07 j 20:31	21°♉21'50	
asc. node	-1586 Jun 12 j 15:20	27°♉14'15	
	-1586 Jun 14 j 21:16	0°♊	
	-1586 Jul 09 j 04:30	0°♋	
max. Earth dist.	-1586 Jul 09 j 22:29	0°♋55'44	1.72777 AU
superior conj	-1586 Jul 14 j 02:38	6°♋06'16	1°05'13
minimum elong	-1586 Jul 13 j 18:01	5°♋39'30	1°04'59
	-1586 Aug 02 j 07:43	0°♌	
evening rise	-1586 Aug 19 j 17:44	21°♌44'13	
	-1586 Aug 26 j 08:29	0°♍	
	-1586 Sep 19 j 08:42	0°♎	
desc. node	-1586 Oct 02 j 06:35	16°♎06'51	
	-1586 Oct 13 j 10:00	0°♏	
	-1586 Nov 06 j 13:47	0°♐	
	-1586 Nov 30 j 22:18	0°♑	
	-1586 Dec 25 j 16:28	0°♒	
	-1585 Jan 20 j 07:05	0°♓	
asc. node	-1585 Jan 23 j 07:44	3°♓26'18	
	-1585 Feb 16 j 20:40	0°♈	
evening max el	-1585 Feb 23 j 06:54	6°♈25'23	45°40'33
	-1585 Mar 23 j 22:21	0°♉	
greatest brilliancy	-1585 Apr 02 j 08:56	4°♉41'42	-4.7m
retrograde	-1585 Apr 13 j 03:25	6°♉48'06	
evening set	-1585 Apr 28 j 15:04	2°♉11'55	
	-1585 May 02 j 08:34	30°℞♈	
inferior conj	-1585 May 04 j 15:16	28°♈34'41	2°21'43
minimum elong	-1585 May 04 j 20:13	28°♈26'53	2°20'21
min. Earth dist.	-1585 May 05 j 01:42	28°♈18'16	0.29073 AU
morning rise	-1585 May 11 j 01:03	24°♈42'43	
desc. node	-1585 May 14 j 22:59	22°♈45'35	
direct	-1585 May 26 j 08:07	20°♈13'00	
greatest brilliancy	-1585 Jun 06 j 00:20	22°♈14'33	-4.7m
	-1585 Jun 20 j 09:06	0°♉	
morning max el	-1585 Jul 14 j 08:25	20°♉13'52	45°58'08
	-1585 Jul 24 j 03:48	0°♊	

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

	-1585 Aug 20 j 17:18	0°♋	
asc. node	-1585 Sep 05 j 00:52	17°♋45'50	
	-1585 Sep 15 j 07:46	0°♌	
	-1585 Oct 09 j 22:56	0°♍	
	-1585 Nov 03 j 02:31	0°♎	
	-1585 Nov 27 j 01:50	0°♏	
	-1585 Dec 21 j 01:03	0°♐	
desc. node	-1585 Dec 25 j 16:13	5°♐47'22	
	-1584 Jan 14 j 01:59	0°♑	
morning set	-1584 Jan 16 j 21:19	3°♑29'39	
	-1584 Feb 07 j 05:10	0°♒	
superior conj	-1584 Feb 25 j 20:01	23°♒03'45	-1°23'43
minimum elong	-1584 Feb 25 j 23:06	23°♒13'17	1°23'44
max. Earth dist.	-1584 Feb 28 j 20:28	26°♒47'37	1.72883 AU
	-1584 Mar 02 j 10:46	0°♓	
	-1584 Mar 26 j 19:03	0°♈	
evening rise	-1584 Apr 03 j 19:01	9°♈49'29	
asc. node	-1584 Apr 16 j 17:34	25°♈41'19	
	-1584 Apr 20 j 06:05	0°♉	
	-1584 May 14 j 19:55	0°♊	
	-1584 Jun 08 j 12:55	0°♋	
	-1584 Jul 03 j 10:32	0°♌	
	-1584 Jul 28 j 15:58	0°♍	
desc. node	-1584 Aug 06 j 08:39	10°♍12'03	
	-1584 Aug 23 j 11:36	0°♎	
	-1584 Sep 19 j 13:17	0°♏	
evening max el	-1584 Sep 30 j 07:35	11°♏09'48	47°24'38
	-1584 Oct 20 j 17:00	0°♐	
greatest brilliancy	-1584 Nov 10 j 02:27	12°♐41'46	-4.9m
retrograde	-1584 Nov 20 j 05:36	14°♐40'34	
asc. node	-1584 Nov 27 j 09:59	13°♐35'35	
evening set	-1584 Dec 04 j 18:58	10°♐24'02	
min. Earth dist.	-1584 Dec 10 j 00:52	7°♐18'15	0.26685 AU
inferior conj	-1584 Dec 10 j 21:09	6°♐46'56	3°22'01
minimum elong	-1584 Dec 10 j 14:09	6°♐57'45	3°19'55
morning rise	-1584 Dec 16 j 09:56	3°♐29'33	
	-1584 Dec 24 j 15:39	30°℞♏	
direct	-1584 Dec 31 j 04:44	29°♏06'36	
	-1583 Jan 06 j 23:16	0°♐	
greatest brilliancy	-1583 Jan 09 j 11:16	0°♐44'34	-4.9m
	-1583 Feb 18 j 04:09	0°♑	
morning max el	-1583 Feb 18 j 20:52	0°♑40'49	46°20'26
	-1583 Mar 18 j 21:16	0°♒	
desc. node	-1583 Mar 19 j 01:36	0°♒11'54	
	-1583 Apr 14 j 13:32	0°♓	
	-1583 May 10 j 08:53	0°♈	
	-1583 Jun 04 j 15:23	0°♉	
	-1583 Jun 29 j 11:37	0°♊	
asc. node	-1583 Jul 10 j 03:15	13°♊00'38	
	-1583 Jul 23 j 22:41	0°♋	
morning set	-1583 Aug 15 j 10:34	27°♋56'36	
	-1583 Aug 17 j 02:06	0°♌	
	-1583 Sep 10 j 00:22	0°♍	
max. Earth dist.	-1583 Sep 21 j 04:51	14°♍04'17	1.71207 AU
superior conj	-1583 Sep 22 j 15:04	15°♍52'02	1°12'57
minimum elong	-1583 Sep 23 j 00:20	16°♍21'10	1°12'43
	-1583 Oct 03 j 20:24	0°♎	
	-1583 Oct 27 j 16:30	0°♏	
desc. node	-1583 Oct 29 j 18:33	2°♏37'19	
evening rise	-1583 Nov 02 j 15:29	7°♏29'22	
	-1583 Nov 20 j 14:03	0°♐	
	-1583 Dec 14 j 14:06	0°♑	
	-1582 Jan 07 j 18:20	0°♒	
	-1582 Feb 01 j 05:53	0°♓	
asc. node	-1582 Feb 19 j 19:41	22°♓22'09	
	-1582 Feb 26 j 05:48	0°♈	
	-1582 Mar 24 j 02:32	0°♉	
	-1582 Apr 20 j 14:47	0°♊	
evening max el	-1582 May 05 j 01:27	14°♊25'25	45°15'20
	-1582 May 22 j 22:56	0°♋	
desc. node	-1582 Jun 11 j 10:58	11°♋36'58	
greatest brilliancy	-1582 Jun 12 j 03:50	11°♋52'14	-4.7m
retrograde	-1582 Jun 22 j 12:31	13°♋46'32	
evening set	-1582 Jul 08 j 12:35	8°♋56'11	
inferior conj	-1582 Jul 13 j 18:34	5°♋48'37	-6°42'39
minimum elong	-1582 Jul 13 j 08:29	6°♋04'06	6°40'42
min. Earth dist.	-1582 Jul 14 j 00:46	5°♋39'06	0.28382 AU
morning rise	-1582 Jul 18 j 04:06	3°♋09'35	
	-1582 Jul 24 j 09:37	30°℞♊	
direct	-1582 Aug 04 j 06:25	27°♊40'19	
greatest brilliancy	-1582 Aug 15 j 03:46	29°♊50'29	-4.8m
	-1582 Aug 15 j 13:37	0°♋	
morning max el	-1582 Sep 23 j 11:40	29°♋52'14	46°37'27
	-1582 Sep 23 j 14:45	0°♌	
asc. node	-1582 Oct 02 j 12:29	9°♌13'32	
	-1582 Oct 21 j 06:20	0°♍	
	-1582 Nov 15 j 18:08	0°♎	
	-1582 Dec 10 j 11:05	0°♏	
	-1581 Jan 03 j 21:38	0°♐	
desc. node	-1581 Jan 22 j 04:11	22°♐28'49	
	-1581 Jan 28 j 06:56	0°♑	
	-1581 Feb 21 j 16:41	0°♒	
	-1581 Mar 18 j 03:13	0°♓	
morning set	-1581 Mar 30 j 06:50	14°♓54'13	
	-1581 Apr 11 j 14:16	0°♈	
max. Earth dist.	-1581 May 05 j 00:02	28°♈42'46	1.73698 AU
superior conj	-1581 May 05 j 20:56	29°♈46'54	-0°21'51
minimum elong	-1581 May 06 j 01:13	0°♉00'03	0°21'38
	-1581 May 06 j 01:12	0°♉	
asc. node	-1581 May 15 j 05:34	11°♉16'28	
	-1581 May 30 j 11:18	0°♊	
evening rise	-1581 Jun 10 j 17:43	13°♊51'46	
	-1581 Jun 23 j 20:11	0°♋	
	-1581 Jul 18 j 04:21	0°♌	
	-1581 Aug 11 j 13:12	0°♍	
desc. node	-1581 Sep 03 j 20:39	28°♍34'44	
	-1581 Sep 05 j 00:33	0°♎	
	-1581 Sep 29 j 16:38	0°♏	
	-1581 Oct 24 j 17:36	0°♐	
	-1581 Nov 19 j 14:30	0°♑	
evening max el	-1581 Dec 11 j 23:23	24°♑10'05	47°01'30
	-1581 Dec 17 j 19:34	0°♒	
asc. node	-1581 Dec 25 j 21:58	7°♒35'20	
greatest brilliancy	-1580 Jan 20 j 21:52	25°♒21'05	-4.8m
retrograde	-1580 Jan 31 j 16:09	27°♒31'48	
evening set	-1580 Feb 18 j 12:33	21°♒18'38	
inferior conj	-1580 Feb 21 j 20:47	19°♒11'50	8°27'03
minimum elong	-1580 Feb 21 j 22:28	19°♒09'10	8°27'00
min. Earth dist.	-1580 Feb 21 j 09:09	19°♒30'25	0.28617 AU
morning rise	-1580 Feb 25 j 08:38	17°♒00'11	
direct	-1580 Mar 14 j 02:24	11°♒00'01	
greatest brilliancy	-1580 Mar 23 j 05:55	12°♒32'42	-4.7m
desc. node	-1580 Apr 15 j 13:18	26°♒28'35	
	-1580 Apr 19 j 19:47	0°♓	
morning max el	-1580 May 01 j 22:19	10°♓57'57	45°48'16
	-1580 May 20 j 19:30	0°♈	
	-1580 Jun 17 j 03:56	0°♉	
	-1580 Jul 13 j 01:48	0°♊	
asc. node	-1580 Aug 06 j 15:05	29°♊24'44	
	-1580 Aug 07 j 02:42	0°♋	
	-1580 Aug 31 j 13:04	0°♌	

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

	-1580 Sep 24 j 14:01	0°♍	
greatest brilliancy	-1580 Sep 25 j 21:56	1°♍40'09	-3.9m
	-1580 Oct 18 j 10:13	0°♎	
morning set	-1580 Oct 27 j 23:00	12°♎01'16	
	-1580 Nov 11 j 05:19	0°♏	
desc. node	-1580 Nov 26 j 06:30	18°♏56'54	
	-1580 Dec 05 j 01:32	0°♐	
superior conj	-1580 Dec 08 j 19:06	4°♐41'10	-0°29'00
minimum elong	-1580 Dec 08 j 11:35	4°♐17'33	0°28'40
max. Earth dist.	-1580 Dec 12 j 18:44	9°♐41'09	1.71286 AU
	-1580 Dec 28 j 23:55	0°♑	
evening rise	-1579 Jan 19 j 05:26	26°♑29'07	
	-1579 Jan 22 j 01:15	0°♒	
	-1579 Feb 15 j 06:32	0°♓	
	-1579 Mar 11 j 17:18	0°♈	
asc. node	-1579 Mar 19 j 07:41	9°♈15'09	
	-1579 Apr 05 j 11:30	0°♉	
	-1579 Apr 30 j 15:40	0°♊	
	-1579 May 26 j 10:33	0°♋	
	-1579 Jun 22 j 07:45	0°♌	
desc. node	-1579 Jul 08 j 22:52	17°♌26'01	
evening max el	-1579 Jul 16 j 10:24	24°♌49'52	46°11'31
	-1579 Jul 21 j 21:31	0°♍	
greatest brilliancy	-1579 Aug 26 j 00:39	24°♍09'26	-4.8m
retrograde	-1579 Sep 03 j 22:17	25°♍37'17	
evening set	-1579 Sep 20 j 22:00	20°♍11'57	
inferior conj	-1579 Sep 24 j 16:09	17°♍57'32	-7°35'52
minimum elong	-1579 Sep 25 j 01:58	17°♍42'38	7°34'14
min. Earth dist.	-1579 Sep 25 j 08:49	17°♍32'14	0.26881 AU
morning rise	-1579 Sep 29 j 05:35	15°♍14'47	
direct	-1579 Oct 15 j 06:25	10°♍13'46	
greatest brilliancy	-1579 Oct 26 j 04:30	12°♍28'24	-4.9m
asc. node	-1579 Oct 30 j 00:15	14°♍11'29	
	-1579 Nov 20 j 17:34	0°♎	
morning max el	-1579 Dec 05 j 00:51	13°♎46'59	46°53'49
	-1579 Dec 20 j 07:07	0°♏	
	-1578 Jan 15 j 18:01	0°♐	
	-1578 Feb 10 j 06:35	0°♑	
desc. node	-1578 Feb 18 j 15:55	9°♑58'22	
	-1578 Mar 07 j 10:09	0°♒	
	-1578 Apr 01 j 09:01	0°♓	
	-1578 Apr 26 j 04:26	0°♈	
	-1578 May 20 j 20:20	0°♉	
morning set	-1578 Jun 05 j 15:00	19°♉18'02	
asc. node	-1578 Jun 11 j 17:29	26°♉47'38	
	-1578 Jun 14 j 08:05	0°♊	
max. Earth dist.	-1578 Jul 07 j 18:41	28°♊56'05	1.72831 AU
	-1578 Jul 08 j 15:19	0°♋	
superior conj	-1578 Jul 11 j 20:38	3°♋59'37	1°03'09
minimum elong	-1578 Jul 11 j 11:56	3°♋32'38	1°02'54
	-1578 Aug 01 j 18:37	0°♌	
evening rise	-1578 Aug 17 j 09:30	19°♌29'18	
	-1578 Aug 25 j 19:31	0°♍	
	-1578 Sep 18 j 19:57	0°♎	
desc. node	-1578 Oct 01 j 08:40	15°♎37'46	
	-1578 Oct 12 j 21:32	0°♏	
	-1578 Nov 06 j 01:41	0°♐	
	-1578 Nov 30 j 10:43	0°♑	
	-1578 Dec 25 j 05:45	0°♒	
	-1577 Jan 19 j 22:10	0°♓	
asc. node	-1577 Jan 22 j 09:45	2°♓48'35	
	-1577 Feb 16 j 16:40	0°♈	
evening max el	-1577 Feb 20 j 22:06	4°♈11'54	45°42'55
	-1577 Mar 25 j 09:28	0°♉	
greatest brilliancy	-1577 Mar 31 j 01:06	2°♉33'11	-4.7m
retrograde	-1577 Apr 10 j 20:31	4°♉40'40	
evening set	-1577 Apr 26 j 09:30	0°♉01'19	
	-1577 Apr 26 j 10:27	30°℞♈	
inferior conj	-1577 May 02 j 07:57	26°♈26'31	2°40'03
minimum elong	-1577 May 02 j 13:29	26°♈17'50	2°38'34
min. Earth dist.	-1577 May 02 j 18:20	26°♈10'13	0.29085 AU
morning rise	-1577 May 08 j 17:13	22°♈35'29	
desc. node	-1577 May 14 j 01:07	20°♈02'45	
direct	-1577 May 24 j 00:37	18°♈04'29	
greatest brilliancy	-1577 Jun 03 j 16:34	20°♈06'08	-4.7m
	-1577 Jun 21 j 01:47	0°♉	
morning max el	-1577 Jul 12 j 01:20	18°♉05'33	45°57'07
	-1577 Jul 23 j 22:43	0°♊	
	-1577 Aug 20 j 08:01	0°♋	
asc. node	-1577 Sep 04 j 02:49	17°♋11'34	
	-1577 Sep 14 j 20:50	0°♌	
	-1577 Oct 09 j 11:11	0°♍	
	-1577 Nov 02 j 14:19	0°♎	
	-1577 Nov 26 j 13:22	0°♏	
	-1577 Dec 20 j 12:24	0°♐	
desc. node	-1577 Dec 24 j 18:21	5°♐18'43	
	-1576 Jan 13 j 13:11	0°♑	
morning set	-1576 Jan 14 j 08:22	0°♑59'44	
	-1576 Feb 06 j 16:14	0°♒	
superior conj	-1576 Feb 23 j 10:36	20°♒46'21	-1°24'12
minimum elong	-1576 Feb 23 j 12:53	20°♒53'27	1°24'12
max. Earth dist.	-1576 Feb 26 j 11:34	24°♒31'59	1.72835 AU
	-1576 Mar 01 j 21:46	0°♓	
	-1576 Mar 26 j 06:01	0°♈	
evening rise	-1576 Apr 01 j 11:58	7°♈40'31	
asc. node	-1576 Apr 15 j 19:43	25°♈14'05	
	-1576 Apr 19 j 17:09	0°♉	
	-1576 May 14 j 07:13	0°♊	
	-1576 Jun 08 j 00:39	0°♋	
	-1576 Jul 02 j 22:59	0°♌	
	-1576 Jul 28 j 05:37	0°♍	
desc. node	-1576 Aug 05 j 10:37	9°♍36'22	
	-1576 Aug 23 j 03:19	0°♎	
	-1576 Sep 19 j 09:35	0°♏	
evening max el	-1576 Sep 27 j 22:39	8°♏48'15	47°23'35
	-1576 Oct 21 j 08:55	0°♐	
greatest brilliancy	-1576 Nov 07 j 16:12	10°♐13'48	-4.9m
retrograde	-1576 Nov 17 j 19:37	12°♐12'21	
asc. node	-1576 Nov 26 j 12:06	10°♐37'19	
evening set	-1576 Dec 02 j 06:53	7°♐57'53	
min. Earth dist.	-1576 Dec 07 j 14:27	4°♐49'51	0.26634 AU
inferior conj	-1576 Dec 08 j 10:04	4°♐19'37	3°00'08
minimum elong	-1576 Dec 08 j 03:42	4°♐29'25	2°58'10
morning rise	-1576 Dec 14 j 01:12	0°♐59'35	
	-1576 Dec 15 j 22:50	30°℞♏	
direct	-1576 Dec 28 j 17:48	26°♏40'13	
greatest brilliancy	-1575 Jan 07 j 00:29	28°♏18'49	-4.9m
	-1575 Jan 11 j 05:02	0°♐	
morning max el	-1575 Feb 16 j 11:36	28°♐22'19	46°21'48
	-1575 Feb 18 j 03:16	0°♑	
desc. node	-1575 Mar 18 j 03:44	29°♑32'52	
	-1575 Mar 18 j 13:35	0°♒	
	-1575 Apr 14 j 03:20	0°♓	
	-1575 May 09 j 21:24	0°♈	
	-1575 Jun 04 j 03:11	0°♉	
	-1575 Jun 28 j 22:59	0°♊	
asc. node	-1575 Jul 09 j 05:17	12°♊32'25	
	-1575 Jul 23 j 09:49	0°♋	
morning set	-1575 Aug 13 j 02:05	25°♋40'44	
	-1575 Aug 16 j 13:10	0°♌	
	-1575 Sep 09 j 11:30	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.	-1575 Sep 18 j 11:10	11°♍18'03	1.71244 AU
superior conj	-1575 Sep 20 j 03:54	13°♍26'12	1°14'44
minimum elong	-1575 Sep 20 j 12:37	13°♍53'37	1°14'33
	-1575 Oct 03 j 07:38	0°♎	
	-1575 Oct 27 j 03:50	0°♏	
desc. node	-1575 Oct 28 j 20:43	2°♏08'30	
evening rise	-1575 Oct 31 j 00:56	4°♏52'36	
	-1575 Nov 20 j 01:28	0°♐	
	-1575 Dec 14 j 01:37	0°♑	
	-1574 Jan 07 j 06:02	0°♒	
	-1574 Jan 31 j 17:58	0°♓	
asc. node	-1574 Feb 18 j 21:42	21°♓50'38	
	-1574 Feb 25 j 18:40	0°♈	
	-1574 Mar 23 j 17:03	0°♉	
	-1574 Apr 20 j 09:26	0°♊	
evening max el	-1574 May 02 j 17:21	12°♊14'21	45°14'41
	-1574 May 23 j 13:01	0°♋	
greatest brilliancy	-1574 Jun 09 j 18:06	9°♋38'35	-4.7m
desc. node	-1574 Jun 10 j 13:06	9°♋54'45	
retrograde	-1574 Jun 20 j 02:53	11°♋32'57	
evening set	-1574 Jul 06 j 00:39	6°♋46'57	
inferior conj	-1574 Jul 11 j 09:44	3°♋34'45	-6°28'48
minimum elong	-1574 Jul 10 j 23:35	3°♋50'22	6°26'45
min. Earth dist.	-1574 Jul 11 j 15:50	3°♋25'21	0.28416 AU
morning rise	-1574 Jul 15 j 22:12	0°♋51'04	
	-1574 Jul 17 j 10:27	30°℞♊	
direct	-1574 Aug 01 j 22:09	25°♊25'58	
greatest brilliancy	-1574 Aug 12 j 19:01	27°♊35'11	-4.8m
	-1574 Aug 18 j 02:43	0°♋	
morning max el	-1574 Sep 21 j 01:24	27°♋30'11	46°35'58
	-1574 Sep 23 j 12:36	0°♌	
asc. node	-1574 Oct 01 j 14:43	8°♌27'56	
	-1574 Oct 20 j 22:26	0°♍	
	-1574 Nov 15 j 08:08	0°♎	
	-1574 Dec 10 j 00:01	0°♏	
	-1573 Jan 03 j 09:54	0°♐	
desc. node	-1573 Jan 21 j 06:08	21°♐58'14	
	-1573 Jan 27 j 18:43	0°♑	
	-1573 Feb 21 j 04:07	0°♒	
	-1573 Mar 17 j 14:23	0°♓	
morning set	-1573 Mar 28 j 00:03	12°♓45'54	
	-1573 Apr 11 j 01:16	0°♈	
max. Earth dist.	-1573 May 02 j 21:31	26°♈47'52	1.73697 AU
superior conj	-1573 May 03 j 15:29	27°♈43'00	-0°24'50
minimum elong	-1573 May 03 j 20:19	27°♈57'50	0°24'35
	-1573 May 05 j 12:08	0°♉	
asc. node	-1573 May 14 j 07:42	10°♉49'24	
	-1573 May 29 j 22:16	0°♊	
evening rise	-1573 Jun 08 j 13:02	11°♊49'32	
	-1573 Jun 23 j 07:18	0°♋	
	-1573 Jul 17 j 15:46	0°♌	
	-1573 Aug 11 j 01:02	0°♍	
desc. node	-1573 Sep 02 j 22:43	28°♍03'18	
	-1573 Sep 04 j 12:57	0°♎	
	-1573 Sep 29 j 05:50	0°♏	
	-1573 Oct 24 j 08:08	0°♐	
	-1573 Nov 19 j 07:38	0°♑	
evening max el	-1573 Dec 09 j 14:03	21°♑48'41	47°03'47
	-1573 Dec 17 j 20:35	0°♒	
asc. node	-1573 Dec 25 j 00:01	6°♒33'47	
greatest brilliancy	-1572 Jan 18 j 15:05	23°♒06'42	-4.8m
retrograde	-1572 Jan 29 j 07:54	25°♒16'26	
evening set	-1572 Feb 16 j 04:35	19°♒03'47	
min. Earth dist.	-1572 Feb 19 j 00:16	17°♒17'00	0.28562 AU
inferior conj	-1572 Feb 19 j 12:41	16°♒57'09	8°29'01
minimum elong	-1572 Feb 19 j 13:36	16°♒55'41	8°28'59
morning rise	-1572 Feb 22 j 22:53	14°♒47'52	
direct	-1572 Mar 11 j 17:09	8°♒46'19	
greatest brilliancy	-1572 Mar 20 j 20:18	10°♒18'20	-4.8m
desc. node	-1572 Apr 14 j 15:27	25°♒26'23	
	-1572 Apr 20 j 00:35	0°♓	
morning max el	-1572 Apr 29 j 12:39	8°♓43'09	45°48'49
	-1572 May 20 j 12:51	0°♈	
	-1572 Jun 16 j 18:02	0°♉	
	-1572 Jul 12 j 14:28	0°♊	
asc. node	-1572 Aug 05 j 17:06	28°♊54'29	
	-1572 Aug 06 j 14:40	0°♋	
	-1572 Aug 31 j 00:40	0°♌	
	-1572 Sep 24 j 01:27	0°♍	
greatest brilliancy	-1572 Sep 28 j 17:47	5°♍52'47	-3.9m
	-1572 Oct 17 j 21:33	0°♎	
morning set	-1572 Oct 25 j 09:50	9°♎28'23	
	-1572 Nov 10 j 16:36	0°♏	
desc. node	-1572 Nov 25 j 08:31	18°♏27'43	
	-1572 Dec 04 j 12:48	0°♐	
superior conj	-1572 Dec 06 j 04:10	2°♐03'35	-0°25'11
minimum elong	-1572 Dec 05 j 21:32	1°♐42'44	0°24'53
max. Earth dist.	-1572 Dec 09 j 22:34	6°♐47'15	1.71248 AU
	-1572 Dec 28 j 11:12	0°♑	
evening rise	-1571 Jan 16 j 16:44	23°♑59'48	
	-1571 Jan 21 j 12:32	0°♒	
	-1571 Feb 14 j 17:51	0°♓	
	-1571 Mar 11 j 04:47	0°♈	
asc. node	-1571 Mar 18 j 09:53	8°♈46'37	
	-1571 Apr 04 j 23:22	0°♉	
	-1571 Apr 30 j 04:20	0°♊	
	-1571 May 26 j 00:44	0°♋	
	-1571 Jun 22 j 01:11	0°♌	
desc. node	-1571 Jul 08 j 00:48	16°♌37'13	
evening max el	-1571 Jul 13 j 22:35	22°♌25'45	46°08'38
	-1571 Jul 22 j 01:00	0°♍	
greatest brilliancy	-1571 Aug 23 j 12:33	21°♍42'50	-4.8m
retrograde	-1571 Sep 01 j 10:16	23°♍11'01	
evening set	-1571 Sep 18 j 13:26	17°♍40'33	
inferior conj	-1571 Sep 22 j 04:38	15°♍30'39	-7°47'40
minimum elong	-1571 Sep 22 j 14:00	15°♍16'27	7°46'12
min. Earth dist.	-1571 Sep 22 j 21:46	15°♍04'41	0.26939 AU
morning rise	-1571 Sep 26 j 14:13	12°♍53'35	
direct	-1571 Oct 12 j 19:23	7°♍45'43	
greatest brilliancy	-1571 Oct 23 j 18:48	10°♍01'50	-4.9m
asc. node	-1571 Oct 29 j 02:21	12°♍31'59	
	-1571 Nov 20 j 23:47	0°♎	
morning max el	-1571 Dec 02 j 14:42	11°♎20'51	46°54'13
	-1571 Dec 20 j 01:38	0°♏	
	-1570 Jan 15 j 09:05	0°♐	
	-1570 Feb 09 j 20:00	0°♑	
desc. node	-1570 Feb 17 j 18:01	9°♑25'50	
	-1570 Mar 06 j 22:35	0°♒	
	-1570 Mar 31 j 20:48	0°♓	
	-1570 Apr 25 j 15:46	0°♈	
	-1570 May 20 j 07:23	0°♉	
morning set	-1570 Jun 03 j 09:39	17°♉14'28	
asc. node	-1570 Jun 10 j 19:31	26°♉20'17	
	-1570 Jun 13 j 19:00	0°♊	
max. Earth dist.	-1570 Jul 05 j 16:06	26°♊59'55	1.72885 AU
	-1570 Jul 08 j 02:14	0°♋	
superior conj	-1570 Jul 09 j 14:43	1°♋53'01	1°01'01
minimum elong	-1570 Jul 09 j 05:59	1°♋25'59	1°00'45
	-1570 Aug 01 j 05:39	0°♌	
evening rise	-1570 Aug 15 j 01:24	17°♌14'24	

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

	-1570 Aug 25 j 06:44	0°♍	
	-1570 Sep 18 j 07:23	0°♎	
desc. node	-1570 Sep 30 j 10:49	15°♎08'21	
	-1570 Oct 12 j 09:16	0°♏	
	-1570 Nov 05 j 13:47	0°♐	
	-1570 Nov 29 j 23:19	0°♑	
	-1570 Dec 24 j 19:14	0°♒	
	-1569 Jan 19 j 13:32	0°♓	
asc. node	-1569 Jan 21 j 11:48	2°♓10'21	
	-1569 Feb 16 j 13:26	0°♈	
evening max el	-1569 Feb 18 j 14:03	1°♈59'55	45°45'18
	-1569 Mar 27 j 16:17	0°♉	
greatest brilliancy	-1569 Mar 28 j 17:05	0°♉24'12	-4.7m
retrograde	-1569 Apr 08 j 13:46	2°♉32'42	
	-1569 Apr 19 j 21:05	30°℞♈	
evening set	-1569 Apr 24 j 04:01	27°♈50'18	
inferior conj	-1569 Apr 30 j 00:33	24°♈17'53	2°58'20
minimum elong	-1569 Apr 30 j 06:38	24°♈08'20	2°56'42
min. Earth dist.	-1569 Apr 30 j 10:34	24°♈02'10	0.29095 AU
morning rise	-1569 May 06 j 09:07	20°♈28'03	
desc. node	-1569 May 13 j 03:12	17°♈23'49	
direct	-1569 May 21 j 17:27	15°♈55'45	
greatest brilliancy	-1569 Jun 01 j 08:06	17°♈56'46	-4.7m
	-1569 Jun 21 j 14:17	0°♉	
morning max el	-1569 Jul 09 j 18:27	15°♉57'54	45°56'09
	-1569 Jul 23 j 17:07	0°♊	
	-1569 Aug 19 j 22:32	0°♋	
asc. node	-1569 Sep 03 j 05:04	16°♋38'26	
	-1569 Sep 14 j 09:47	0°♌	
	-1569 Oct 08 j 23:23	0°♍	
	-1569 Nov 02 j 02:08	0°♎	
	-1569 Nov 26 j 00:56	0°♏	
	-1569 Dec 19 j 23:47	0°♐	
desc. node	-1569 Dec 23 j 20:22	4°♐49'31	
morning set	-1568 Jan 11 j 18:58	28°♐28'21	
	-1568 Jan 13 j 00:23	0°♑	
	-1568 Feb 06 j 03:16	0°♒	
superior conj	-1568 Feb 21 j 00:43	18°♒27'34	-1°24'32
minimum elong	-1568 Feb 21 j 02:10	18°♒32'04	1°24'33
max. Earth dist.	-1568 Feb 24 j 04:33	22°♒22'09	1.72785 AU
	-1568 Mar 01 j 08:42	0°♓	
	-1568 Mar 25 j 16:57	0°♈	
evening rise	-1568 Mar 30 j 04:42	5°♈30'57	
asc. node	-1568 Apr 14 j 21:50	24°♈46'51	
	-1568 Apr 19 j 04:11	0°♉	
	-1568 May 13 j 18:29	0°♊	
	-1568 Jun 07 j 12:20	0°♋	
	-1568 Jul 02 j 11:23	0°♌	
	-1568 Jul 27 j 19:13	0°♍	
desc. node	-1568 Aug 04 j 12:46	9°♍01'31	
	-1568 Aug 22 j 19:07	0°♎	
	-1568 Sep 19 j 06:25	0°♏	
evening max el	-1568 Sep 25 j 13:53	6°♏27'21	47°22'08
	-1568 Oct 22 j 06:16	0°♐	
greatest brilliancy	-1568 Nov 05 j 05:50	7°♐45'13	-4.9m
retrograde	-1568 Nov 15 j 09:00	9°♐42'51	
asc. node	-1568 Nov 25 j 14:09	7°♐32'22	
evening set	-1568 Nov 29 j 18:42	5°♐30'33	
min. Earth dist.	-1568 Dec 05 j 03:55	2°♐20'04	0.26586 AU
inferior conj	-1568 Dec 05 j 22:37	1°♐51'14	2°37'26
minimum elong	-1568 Dec 05 j 16:59	1°♐59'56	2°35'40
	-1568 Dec 08 j 23:47	30°℞♏	
morning rise	-1568 Dec 11 j 15:59	28°♏28'29	
direct	-1568 Dec 26 j 06:38	24°♏12'52	
greatest brilliancy	-1567 Jan 04 j 13:36	25°♏51'58	-4.9m
	-1567 Jan 13 j 09:56	0°♐	
morning max el	-1567 Feb 14 j 01:19	26°♐00'59	46°23'13
	-1567 Feb 18 j 01:29	0°♑	
desc. node	-1567 Mar 17 j 05:56	28°♑54'37	
	-1567 Mar 18 j 05:33	0°♒	
	-1567 Apr 13 j 16:52	0°♓	
	-1567 May 09 j 09:42	0°♈	
	-1567 Jun 03 j 14:47	0°♉	
	-1567 Jun 28 j 10:10	0°♊	
asc. node	-1567 Jul 08 j 07:20	12°♊04'48	
	-1567 Jul 22 j 20:47	0°♋	
morning set	-1567 Aug 10 j 17:56	23°♋26'34	
	-1567 Aug 16 j 00:03	0°♌	
	-1567 Sep 08 j 22:24	0°♍	
max. Earth dist.	-1567 Sep 15 j 17:01	8°♍31'13	1.71283 AU
superior conj	-1567 Sep 17 j 17:16	11°♍02'55	1°16'21
minimum elong	-1567 Sep 18 j 01:23	11°♍28'27	1°16'11
	-1567 Oct 02 j 18:37	0°♎	
	-1567 Oct 26 j 14:55	0°♏	
desc. node	-1567 Oct 27 j 22:45	1°♏40'01	
evening rise	-1567 Oct 28 j 10:38	2°♏17'21	
	-1567 Nov 19 j 12:41	0°♐	
	-1567 Dec 13 j 12:58	0°♑	
	-1566 Jan 06 j 17:36	0°♒	
	-1566 Jan 31 j 05:56	0°♓	
asc. node	-1566 Feb 17 j 23:55	21°♓20'05	
	-1566 Feb 25 j 07:27	0°♈	
	-1566 Mar 23 j 07:33	0°♉	
	-1566 Apr 20 j 04:22	0°♊	
evening max el	-1566 Apr 30 j 08:13	10°♊01'25	45°14'09
	-1566 May 24 j 07:30	0°♋	
greatest brilliancy	-1566 Jun 07 j 08:33	7°♋25'43	-4.7m
desc. node	-1566 Jun 09 j 15:06	8°♋09'13	
retrograde	-1566 Jun 17 j 17:02	9°♋20'13	
evening set	-1566 Jul 03 j 12:46	4°♋38'04	
inferior conj	-1566 Jul 09 j 00:52	1°♋21'37	-6°14'20
minimum elong	-1566 Jul 08 j 14:43	1°♋37'16	6°12'12
min. Earth dist.	-1566 Jul 09 j 07:11	1°♋11'53	0.28449 AU
	-1566 Jul 11 j 06:01	30°℞♊	
morning rise	-1566 Jul 13 j 16:16	28°♊33'23	
direct	-1566 Jul 30 j 13:22	23°♊12'12	
greatest brilliancy	-1566 Aug 10 j 10:51	25°♊21'20	-4.8m
	-1566 Aug 19 j 16:50	0°♋	
morning max el	-1566 Sep 18 j 14:38	25°♋07'50	46°34'46
	-1566 Sep 23 j 09:20	0°♌	
asc. node	-1566 Sep 30 j 16:45	7°♌43'24	
	-1566 Oct 20 j 13:55	0°♍	
	-1566 Nov 14 j 21:39	0°♎	
	-1566 Dec 09 j 12:32	0°♏	
	-1565 Jan 02 j 21:48	0°♐	
desc. node	-1565 Jan 20 j 08:15	21°♐29'04	
	-1565 Jan 27 j 06:11	0°♑	
	-1565 Feb 20 j 15:16	0°♒	
	-1565 Mar 17 j 01:18	0°♓	
morning set	-1565 Mar 25 j 16:44	10°♓36'40	
	-1565 Apr 10 j 12:00	0°♈	
max. Earth dist.	-1565 Apr 30 j 17:42	24°♈49'55	1.73693 AU
superior conj	-1565 May 01 j 09:42	25°♈38'59	-0°27'49
minimum elong	-1565 May 01 j 15:04	25°♈55'26	0°27'32
	-1565 May 04 j 22:47	0°♉	
asc. node	-1565 May 13 j 09:41	10°♉22'46	
	-1565 May 29 j 08:57	0°♊	
evening rise	-1565 Jun 06 j 08:12	9°♊47'50	
	-1565 Jun 22 j 18:10	0°♋	
	-1565 Jul 17 j 02:56	0°♌	
	-1565 Aug 10 j 12:37	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	-1565 Sep 02 j 00:54	27°♍33'06	
	-1565 Sep 04 j 01:05	0°♎	
	-1565 Sep 28 j 18:46	0°♏	
	-1565 Oct 23 j 22:22	0°♐	
	-1565 Nov 19 j 00:37	0°♑	
evening max el	-1565 Dec 07 j 04:03	19°♑26'55	47°06'00
	-1565 Dec 17 j 22:19	0°♒	
asc. node	-1565 Dec 24 j 02:03	5°♒32'01	
greatest brilliancy	-1564 Jan 16 j 07:55	20°♒52'46	-4.9m
retrograde	-1564 Jan 26 j 23:37	23°♒02'11	
evening set	-1564 Feb 13 j 20:14	16°♒50'15	
min. Earth dist.	-1564 Feb 16 j 15:28	15°♒04'22	0.28510 AU
inferior conj	-1564 Feb 17 j 04:37	14°♒43'22	8°30'06
minimum elong	-1564 Feb 17 j 04:46	14°♒43'07	8°30'05
morning rise	-1564 Feb 20 j 13:32	12°♒36'01	
direct	-1564 Mar 09 j 07:46	6°♒33'15	
greatest brilliancy	-1564 Mar 18 j 11:14	8°♒05'21	-4.8m
desc. node	-1564 Apr 13 j 17:28	24°♒26'13	
	-1564 Apr 20 j 03:17	0°♓	
morning max el	-1564 Apr 27 j 03:24	6°♓30'03	45°49'25
	-1564 May 20 j 05:32	0°♈	
	-1564 Jun 16 j 07:40	0°♉	
	-1564 Jul 12 j 02:45	0°♊	
asc. node	-1564 Aug 04 j 19:17	28°♊25'51	
	-1564 Aug 06 j 02:15	0°♋	
	-1564 Aug 30 j 11:56	0°♌	
	-1564 Sep 23 j 12:33	0°♍	
greatest brilliancy	-1564 Sep 30 j 01:54	8°♍14'23	-3.9m
	-1564 Oct 17 j 08:34	0°♎	
morning set	-1564 Oct 22 j 21:01	6°♎57'36	
	-1564 Nov 10 j 03:34	0°♏	
desc. node	-1564 Nov 24 j 10:35	17°♏59'46	
superior conj	-1564 Dec 03 j 13:33	29°♏28'06	-0°21'20
minimum elong	-1564 Dec 03 j 07:51	29°♏10'10	0°21'05
	-1564 Dec 03 j 23:43	0°♐	
max. Earth dist.	-1564 Dec 07 j 02:54	3°♐56'02	1.71209 AU
	-1564 Dec 27 j 22:05	0°♑	
evening rise	-1563 Jan 14 j 04:21	21°♑32'41	
	-1563 Jan 20 j 23:24	0°♒	
	-1563 Feb 14 j 04:47	0°♓	
	-1563 Mar 10 j 15:55	0°♈	
asc. node	-1563 Mar 17 j 11:55	8°♈18'40	
	-1563 Apr 04 j 10:57	0°♉	
	-1563 Apr 29 j 16:44	0°♊	
	-1563 May 25 j 14:45	0°♋	
	-1563 Jun 21 j 18:39	0°♌	
desc. node	-1563 Jul 07 j 02:59	15°♌49'11	
evening max el	-1563 Jul 11 j 11:31	20°♌04'41	46°05'52
	-1563 Jul 22 j 05:49	0°♍	
greatest brilliancy	-1563 Aug 20 j 23:44	19°♍16'50	-4.8m
retrograde	-1563 Aug 29 j 22:48	20°♍45'58	
evening set	-1563 Sep 16 j 04:47	15°♍10'25	
inferior conj	-1563 Sep 19 j 17:06	13°♍04'47	-7°58'31
minimum elong	-1563 Sep 20 j 01:59	12°♍51'21	7°57'14
min. Earth dist.	-1563 Sep 20 j 10:17	12°♍38'47	0.26998 AU
morning rise	-1563 Sep 23 j 22:51	10°♍33'26	
direct	-1563 Oct 10 j 08:56	5°♍18'48	
greatest brilliancy	-1563 Oct 21 j 08:33	7°♍35'37	-4.9m
asc. node	-1563 Oct 28 j 04:22	10°♍56'54	
	-1563 Nov 21 j 03:41	0°♎	
morning max el	-1563 Nov 30 j 05:18	8°♎57'38	46°54'41
	-1563 Dec 19 j 19:24	0°♏	
	-1562 Jan 14 j 23:37	0°♐	
	-1562 Feb 09 j 08:56	0°♑	
desc. node	-1562 Feb 16 j 20:12	8°♑54'49	
	-1562 Mar 06 j 10:34	0°♒	
	-1562 Mar 31 j 08:10	0°♓	
	-1562 Apr 25 j 02:44	0°♈	
	-1562 May 19 j 18:08	0°♉	
morning set	-1562 Jun 01 j 04:19	15°♉11'48	
asc. node	-1562 Jun 09 j 21:38	25°♉54'00	
	-1562 Jun 13 j 05:39	0°♊	
max. Earth dist.	-1562 Jul 03 j 12:38	25°♊01'59	1.72935 AU
superior conj	-1562 Jul 07 j 08:45	29°♊47'07	0°58'47
minimum elong	-1562 Jul 07 j 00:03	29°♊20'11	0°58'30
	-1562 Jul 07 j 12:54	0°♋	
	-1562 Jul 31 j 16:24	0°♌	
evening rise	-1562 Aug 12 j 17:20	15°♌00'33	
	-1562 Aug 24 j 17:40	0°♍	
	-1562 Sep 17 j 18:36	0°♎	
desc. node	-1562 Sep 29 j 12:49	14°♎39'11	
	-1562 Oct 11 j 20:48	0°♏	
	-1562 Nov 05 j 01:42	0°♐	
	-1562 Nov 29 j 11:44	0°♑	
	-1562 Dec 24 j 08:32	0°♒	
	-1561 Jan 19 j 04:48	0°♓	
asc. node	-1561 Jan 20 j 14:02	1°♓33'15	
	-1561 Feb 16 j 10:30	0°♈	
evening max el	-1561 Feb 16 j 06:31	29°♓50'14	45°47'46
greatest brilliancy	-1561 Mar 26 j 09:38	28°♈17'14	-4.7m
	-1561 Apr 01 j 12:19	0°♉	
retrograde	-1561 Apr 06 j 07:03	0°♉26'05	
	-1561 Apr 10 j 22:57	30°℞♈	
evening set	-1561 Apr 21 j 22:53	25°♈40'46	
inferior conj	-1561 Apr 27 j 17:23	22°♈10'42	3°16'12
minimum elong	-1561 Apr 27 j 23:59	22°♈00'21	3°14'27
min. Earth dist.	-1561 Apr 28 j 02:53	21°♈55'47	0.29104 AU
morning rise	-1561 May 04 j 01:03	18°♈22'06	
desc. node	-1561 May 12 j 05:14	14°♈50'53	
direct	-1561 May 19 j 10:47	13°♈48'36	
greatest brilliancy	-1561 May 29 j 23:26	15°♈48'13	-4.7m
	-1561 Jun 21 j 23:11	0°♉	
morning max el	-1561 Jul 07 j 11:17	13°♉50'18	45°55'03
	-1561 Jul 23 j 10:53	0°♊	
	-1561 Aug 19 j 12:44	0°♋	
asc. node	-1561 Sep 02 j 07:08	16°♋05'20	
	-1561 Sep 13 j 22:31	0°♌	
	-1561 Oct 08 j 11:23	0°♍	
	-1561 Nov 01 j 13:46	0°♎	
	-1561 Nov 25 j 12:21	0°♏	
	-1561 Dec 19 j 11:02	0°♐	
desc. node	-1561 Dec 22 j 22:29	4°♐21'02	
morning set	-1560 Jan 09 j 05:33	25°♐57'10	
	-1560 Jan 12 j 11:28	0°♑	
	-1560 Feb 05 j 14:12	0°♒	
superior conj	-1560 Feb 18 j 14:51	16°♒09'06	-1°24'44
minimum elong	-1560 Feb 18 j 15:27	16°♒10'58	1°24'45
max. Earth dist.	-1560 Feb 21 j 23:09	20°♒17'40	1.72729 AU
	-1560 Feb 29 j 19:31	0°♓	
	-1560 Mar 25 j 03:44	0°♈	
evening rise	-1560 Mar 27 j 21:32	3°♈22'09	
asc. node	-1560 Apr 13 j 23:51	24°♈19'51	
	-1560 Apr 18 j 15:04	0°♉	
	-1560 May 13 j 05:37	0°♊	
	-1560 Jun 06 j 23:57	0°♋	
	-1560 Jul 01 j 23:47	0°♌	
	-1560 Jul 27 j 08:55	0°♍	
desc. node	-1560 Aug 03 j 14:53	8°♍26'23	
	-1560 Aug 22 j 11:11	0°♎	
	-1560 Sep 19 j 03:57	0°♏	
evening max el	-1560 Sep 23 j 04:31	4°♏05'04	47°20'36

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

	-1560 Oct 23 j 11:23	0°♐	
greatest brilliancy	-1560 Nov 02 j 19:59	5°♐17'24	-4.9m
retrograde	-1560 Nov 12 j 21:52	7°♐13'22	
asc. node	-1560 Nov 24 j 16:16	4°♐22'25	
evening set	-1560 Nov 27 j 06:48	3°♐03'04	
	-1560 Dec 02 j 11:15	30°℞♏	
min. Earth dist.	-1560 Dec 02 j 17:45	29°♏50'00	0.26541 AU
inferior conj	-1560 Dec 03 j 11:13	29°♏23'03	2°14'25
minimum elong	-1560 Dec 03 j 06:20	29°♏30'35	2°12'52
morning rise	-1560 Dec 09 j 06:36	25°♏57'33	
direct	-1560 Dec 23 j 19:13	21°♏45'37	
greatest brilliancy	-1559 Jan 02 j 03:14	23°♏25'32	-4.9m
	-1559 Jan 14 j 20:48	0°♐	
morning max el	-1559 Feb 11 j 14:10	23°♐37'17	46°24'40
	-1559 Feb 17 j 22:54	0°♑	
desc. node	-1559 Mar 16 j 07:52	28°♑15'59	
	-1559 Mar 17 j 21:17	0°♒	
	-1559 Apr 13 j 06:17	0°♓	
	-1559 May 08 j 21:55	0°♈	
	-1559 Jun 03 j 02:18	0°♉	
	-1559 Jun 27 j 21:19	0°♊	
asc. node	-1559 Jul 07 j 09:32	11°♊37'37	
	-1559 Jul 22 j 07:46	0°♋	
morning set	-1559 Aug 08 j 09:53	21°♋12'35	
	-1559 Aug 15 j 11:00	0°♌	
	-1559 Sep 08 j 09:25	0°♍	
max. Earth dist.	-1559 Sep 12 j 23:10	5°♍44'56	1.71328 AU
superior conj	-1559 Sep 15 j 06:44	8°♍39'37	1°17'50
minimum elong	-1559 Sep 15 j 14:11	9°♍03'05	1°17'41
	-1559 Oct 02 j 05:44	0°♎	
evening rise	-1559 Oct 25 j 20:15	29°♎41'29	
	-1559 Oct 26 j 02:09	0°♏	
desc. node	-1559 Oct 27 j 00:48	1°♏11'10	
	-1559 Nov 19 j 00:01	0°♐	
	-1559 Dec 13 j 00:27	0°♑	
	-1558 Jan 06 j 05:20	0°♒	
	-1558 Jan 30 j 18:06	0°♓	
asc. node	-1558 Feb 17 j 01:56	20°♓48'24	
	-1558 Feb 24 j 20:27	0°♈	
	-1558 Mar 22 j 22:21	0°♉	
	-1558 Apr 19 j 23:56	0°♊	
evening max el	-1558 Apr 27 j 22:36	7°♊47'11	45°13'54
	-1558 May 25 j 08:31	0°♋	
greatest brilliancy	-1558 Jun 04 j 23:00	5°♋13'15	-4.7m
desc. node	-1558 Jun 08 j 17:14	6°♋20'19	
retrograde	-1558 Jun 15 j 07:47	7°♋08'30	
evening set	-1558 Jul 01 j 01:20	2°♋29'34	
	-1558 Jul 05 j 07:20	30°℞♊	
inferior conj	-1558 Jul 06 j 16:19	29°♊09'17	-5°59'23
minimum elong	-1558 Jul 06 j 06:13	29°♊24'52	5°57'11
min. Earth dist.	-1558 Jul 06 j 22:49	28°♊59'16	0.28484 AU
morning rise	-1558 Jul 11 j 10:38	26°♊16'42	
direct	-1558 Jul 28 j 04:38	20°♊59'03	
greatest brilliancy	-1558 Aug 08 j 03:19	23°♊08'42	-4.8m
	-1558 Aug 20 j 19:30	0°♋	
morning max el	-1558 Sep 16 j 04:30	22°♋46'47	46°33'21
	-1558 Sep 23 j 05:36	0°♌	
asc. node	-1558 Sep 29 j 18:48	6°♌58'52	
	-1558 Oct 20 j 05:28	0°♍	
	-1558 Nov 14 j 11:22	0°♎	
	-1558 Dec 09 j 01:17	0°♏	
	-1557 Jan 02 j 09:57	0°♐	
desc. node	-1557 Jan 19 j 10:26	20°♐59'17	
	-1557 Jan 26 j 17:54	0°♑	
	-1557 Feb 20 j 02:40	0°♒	
	-1557 Mar 16 j 12:28	0°♓	
morning set	-1557 Mar 23 j 09:15	8°♓25'58	
	-1557 Apr 09 j 23:00	0°♈	
max. Earth dist.	-1557 Apr 28 j 13:24	22°♈49'35	1.73686 AU
superior conj	-1557 Apr 29 j 04:02	23°♈34'29	-0°30'44
minimum elong	-1557 Apr 29 j 09:54	23°♈52'29	0°30'27
	-1557 May 04 j 09:42	0°♉	
asc. node	-1557 May 12 j 11:51	9°♉55'53	
	-1557 May 28 j 19:53	0°♊	
evening rise	-1557 Jun 04 j 03:39	7°♊46'21	
	-1557 Jun 22 j 05:15	0°♋	
	-1557 Jul 16 j 14:19	0°♌	
	-1557 Aug 10 j 00:27	0°♍	
desc. node	-1557 Sep 01 j 02:53	27°♍01'25	
	-1557 Sep 03 j 13:32	0°♎	
	-1557 Sep 28 j 08:06	0°♏	
	-1557 Oct 23 j 13:11	0°♐	
	-1557 Nov 18 j 18:28	0°♑	
evening max el	-1557 Dec 04 j 18:16	17°♑04'15	47°08'15
	-1557 Dec 18 j 02:14	0°♒	
asc. node	-1557 Dec 23 j 04:16	4°♒27'36	
greatest brilliancy	-1556 Jan 14 j 00:00	18°♒36'09	-4.9m
retrograde	-1556 Jan 24 j 15:34	20°♒46'06	
evening set	-1556 Feb 11 j 11:17	14°♒35'11	
inferior conj	-1556 Feb 14 j 20:19	12°♒27'34	8°30'20
minimum elong	-1556 Feb 14 j 19:42	12°♒28'33	8°30'20
min. Earth dist.	-1556 Feb 14 j 06:08	12°♒50'09	0.28456 AU
morning rise	-1556 Feb 18 j 04:19	10°♒21'50	
direct	-1556 Mar 06 j 22:16	4°♒18'10	
greatest brilliancy	-1556 Mar 16 j 01:40	5°♒50'19	-4.8m
desc. node	-1556 Apr 12 j 19:36	23°♒26'24	
	-1556 Apr 20 j 05:04	0°♓	
morning max el	-1556 Apr 24 j 18:50	4°♓17'20	45°50'07
	-1556 May 19 j 22:18	0°♈	
	-1556 Jun 15 j 21:33	0°♉	
	-1556 Jul 11 j 15:17	0°♊	
asc. node	-1556 Aug 03 j 21:20	27°♊55'58	
	-1556 Aug 05 j 14:07	0°♋	
	-1556 Aug 29 j 23:27	0°♌	
	-1556 Sep 22 j 23:54	0°♍	
greatest brilliancy	-1556 Sep 30 j 13:14	9°♍29'48	-3.9m
	-1556 Oct 16 j 19:53	0°♎	
morning set	-1556 Oct 20 j 08:26	4°♎26'32	
	-1556 Nov 09 j 14:52	0°♏	
desc. node	-1556 Nov 23 j 12:45	17°♏30'57	
superior conj	-1556 Nov 30 j 22:31	26°♏49'50	-0°17'23
minimum elong	-1556 Nov 30 j 17:49	26°♏35'03	0°17'11
	-1556 Dec 03 j 11:03	0°♐	
max. Earth dist.	-1556 Dec 04 j 07:57	1°♐05'38	1.71180 AU
	-1556 Dec 27 j 09:25	0°♑	
evening rise	-1555 Jan 11 j 15:18	19°♑02'03	
	-1555 Jan 20 j 10:44	0°♒	
	-1555 Feb 13 j 16:11	0°♓	
	-1555 Mar 10 j 03:32	0°♈	
asc. node	-1555 Mar 16 j 13:57	7°♈49'21	
	-1555 Apr 03 j 23:01	0°♉	
	-1555 Apr 29 j 05:42	0°♊	
	-1555 May 25 j 05:23	0°♋	
	-1555 Jun 21 j 12:57	0°♌	
desc. node	-1555 Jul 06 j 05:08	14°♌59'15	
evening max el	-1555 Jul 09 j 01:35	17°♌45'34	46°03'16
	-1555 Jul 22 j 13:05	0°♍	
greatest brilliancy	-1555 Aug 18 j 10:45	16°♍50'43	-4.8m
retrograde	-1555 Aug 27 j 11:42	18°♍20'55	
evening set	-1555 Sep 13 j 20:14	12°♍40'52	
inferior conj	-1555 Sep 17 j 05:49	10°♍39'04	-8°08'16

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

minimum elong	-1555 Sep 17 j 14:08	10°♍26'29	8°07'10	
min. Earth dist.	-1555 Sep 17 j 22:36	10°♍13'41	0.27055 AU	
morning rise	-1555 Sep 21 j 07:48	8°♍13'16		
direct	-1555 Oct 07 j 23:04	2°♍52'24		
greatest brilliancy	-1555 Oct 18 j 21:44	5°♍08'43	-4.9m	
asc. node	-1555 Oct 27 j 06:33	9°♍25'13		
	-1555 Nov 21 j 06:16	0°♎		
morning max el	-1555 Nov 27 j 19:58	6°♎33'50	46°54'43	
	-1555 Dec 19 j 13:08	0°♏		
	-1554 Jan 14 j 14:25	0°♐		
	-1554 Feb 08 j 22:15	0°♑		
desc. node	-1554 Feb 15 j 22:10	8°♑21'46		
	-1554 Mar 05 j 22:58	0°♒		
	-1554 Mar 30 j 19:58	0°♓		
	-1554 Apr 24 j 14:08	0°♈		
	-1554 May 19 j 05:17	0°♉		
morning set	-1554 May 29 j 22:49	13°♉07'31		
asc. node	-1554 Jun 08 j 23:46	25°♉26'34		
	-1554 Jun 12 j 16:43	0°♊		
max. Earth dist.	-1554 Jul 01 j 07:34	22°♊57'53	1.72982 AU	
superior conj	-1554 Jul 05 j 02:50	27°♊40'15	0°56'28	
minimum elong	-1554 Jul 04 j 18:13	27°♊13'35	0°56'11	
	-1554 Jul 06 j 23:58	0°♋		
	-1554 Jul 31 j 03:33	0°♌		
evening rise	-1554 Aug 10 j 09:34	12°♌46'29		
	-1554 Aug 24 j 04:58	0°♍		
	-1554 Sep 17 j 06:07	0°♎		
desc. node	-1554 Sep 28 j 14:55	14°♎09'31		
	-1554 Oct 11 j 08:36	0°♏		
	-1554 Nov 04 j 13:53	0°♐		
	-1554 Nov 29 j 00:29	0°♑		
	-1554 Dec 23 j 22:18	0°♒		
	-1553 Jan 18 j 20:45	0°♓		
asc. node	-1553 Jan 19 j 16:02	0°♓53'53		
evening max el	-1553 Feb 13 j 22:47	27°♓38'19	45°50'06	
	-1553 Feb 16 j 09:02	0°♈		
greatest brilliancy	-1553 Mar 24 j 02:43	26°♈08'58	-4.7m	
retrograde	-1553 Apr 03 j 23:44	28°♈17'14		
evening set	-1553 Apr 19 j 17:40	23°♈29'09		
inferior conj	-1553 Apr 25 j 10:01	20°♈01'34	3°33'48	
minimum elong	-1553 Apr 25 j 17:05	19°♈50'26	3°31'59	
min. Earth dist.	-1553 Apr 25 j 19:10	19°♈47'09	0.29110 AU	
morning rise	-1553 May 01 j 16:32	16°♈14'13		
desc. node	-1553 May 11 j 07:23	12°♈20'07		
direct	-1553 May 17 j 03:47	11°♈39'36		
greatest brilliancy	-1553 May 27 j 14:29	13°♈37'36	-4.7m	
	-1553 Jun 22 j 06:15	0°♉		
morning max el	-1553 Jul 05 j 03:02	11°♉38'50	45°54'02	
	-1553 Jul 23 j 04:41	0°♊		
	-1553 Aug 19 j 03:08	0°♋		
asc. node	-1553 Sep 01 j 09:07	15°♋31'14		
	-1553 Sep 13 j 11:28	0°♌		
	-1553 Oct 07 j 23:37	0°♍		
	-1553 Nov 01 j 01:35	0°♎		
	-1553 Nov 24 j 23:56	0°♏		
	-1553 Dec 18 j 22:25	0°♐		
desc. node	-1553 Dec 22 j 00:36	3°♐52'08		
morning set	-1552 Jan 06 j 16:19	23°♐25'56		
	-1552 Jan 11 j 22:42	0°♑		
	-1552 Feb 05 j 01:19	0°♒		
superior conj	-1552 Feb 16 j 04:49	13°♒49'19	-1°24'46	
minimum elong	-1552 Feb 16 j 04:33	13°♒48'30	1°24'48	
max. Earth dist.	-1552 Feb 19 j 17:55	18°♒12'51	1.72679 AU	
	-1552 Feb 29 j 06:35	0°♓		
	-1552 Mar 24 j 14:49	0°♈		
evening rise	-1552 Mar 25 j 13:55	1°♈10'59		
asc. node	-1552 Apr 13 j 02:01	23°♈52'21		
	-1552 Apr 18 j 02:15	0°♉		
	-1552 May 12 j 17:04	0°♊		
	-1552 Jun 06 j 11:53	0°♋		
	-1552 Jul 01 j 12:32	0°♌		
	-1552 Jul 26 j 23:01	0°♍		
desc. node	-1552 Aug 02 j 16:52	7°♍49'52		
	-1552 Aug 22 j 03:45	0°♎		
	-1552 Sep 19 j 02:32	0°♏		
evening max el	-1552 Sep 20 j 18:16	1°♏39'59	47°19'03	
	-1552 Oct 25 j 05:18	0°♐		
greatest brilliancy	-1552 Oct 31 j 10:47	2°♐50'14	-4.9m	
retrograde	-1552 Nov 10 j 10:25	4°♐44'02		
asc. node	-1552 Nov 23 j 18:24	1°♐08'06		
evening set	-1552 Nov 24 j 19:14	0°♐35'21		
	-1552 Nov 25 j 20:48	30°℞♏		
inferior conj	-1552 Nov 30 j 23:58	26°♏55'10	1°51'14	
minimum elong	-1552 Nov 30 j 19:53	27°♏01'29	1°49'54	
min. Earth dist.	-1552 Nov 30 j 08:02	27°♏19'44	0.26495 AU	
morning rise	-1552 Dec 06 j 21:08	23°♏27'07		
direct	-1552 Dec 21 j 07:22	19°♏18'33		
greatest brilliancy	-1552 Dec 30 j 17:25	20°♏59'52	-4.9m	
	-1551 Jan 15 j 21:32	0°♐		
morning max el	-1551 Feb 09 j 02:18	21°♐11'40	46°26'04	
	-1551 Feb 17 j 19:32	0°♑		
desc. node	-1551 Mar 15 j 10:02	27°♑38'13		
	-1551 Mar 17 j 12:48	0°♒		
	-1551 Apr 12 j 19:42	0°♓		
	-1551 May 08 j 10:14	0°♈		
	-1551 Jun 02 j 13:59	0°♉		
	-1551 Jun 27 j 08:36	0°♊		
asc. node	-1551 Jul 06 j 11:34	11°♊09'29		
	-1551 Jul 21 j 18:51	0°♋		
morning set	-1551 Aug 06 j 01:39	18°♋57'47		
	-1551 Aug 14 j 22:02	0°♌		
	-1551 Sep 07 j 20:30	0°♍		
max. Earth dist.	-1551 Sep 10 j 08:21	3°♍08'04	1.71375 AU	
superior conj	-1551 Sep 12 j 20:10	6°♍16'05	1°19'09	
minimum elong	-1551 Sep 13 j 02:57	6°♍37'23	1°19'04	
	-1551 Oct 01 j 16:55	0°♎		
evening rise	-1551 Oct 23 j 06:01	27°♎05'58		
	-1551 Oct 25 j 13:25	0°♏		
desc. node	-1551 Oct 26 j 02:59	0°♏42'36		
	-1551 Nov 18 j 11:23	0°♐		
	-1551 Dec 12 j 11:56	0°♑		
	-1550 Jan 05 j 17:01	0°♒		
	-1550 Jan 30 j 06:13	0°♓		
asc. node	-1550 Feb 16 j 04:00	20°♓17'04		
	-1550 Feb 24 j 09:26	0°♈		
	-1550 Mar 22 j 13:16	0°♉		
	-1550 Apr 19 j 20:07	0°♊		
evening max el	-1550 Apr 25 j 13:00	5°♊33'03	45°13'34	
	-1550 May 26 j 20:05	0°♋		
greatest brilliancy	-1550 Jun 02 j 12:53	2°♋59'46	-4.7m	
desc. node	-1550 Jun 07 j 19:21	4°♋26'44		
retrograde	-1550 Jun 12 j 22:51	4°♋56'23		
evening set	-1550 Jun 28 j 13:52	0°♋20'18		
	-1550 Jun 29 j 04:31	30°℞♊		
inferior conj	-1550 Jul 04 j 07:37	26°♊56'27	-5°43'50	
minimum elong	-1550 Jul 03 j 21:37	27°♊11'51	5°41'34	
min. Earth dist.	-1550 Jul 04 j 14:11	26°♊46'20	0.28521 AU	
morning rise	-1550 Jul 09 j 04:52	23°♊59'44		
direct	-1550 Jul 25 j 19:54	18°♊45'20		
greatest brilliancy	-1550 Aug 05 j 19:38	20°♊55'47	-4.8m	
	-1550 Aug 21 j 15:09	0°♋		

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

morning max el	-1550 Sep 13 j 19:09	20°♋27'52	46°32'01	
	-1550 Sep 23 j 01:17	0°♌		
asc. node	-1550 Sep 28 j 21:02	6°♌15'30		
	-1550 Oct 19 j 20:45	0°♍		
	-1550 Nov 14 j 00:53	0°♎		
	-1550 Dec 08 j 13:51	0°♏		
	-1549 Jan 01 j 21:55	0°♐		
desc. node	-1549 Jan 18 j 12:24	20°♐29'21		
	-1549 Jan 26 j 05:26	0°♑		
	-1549 Feb 19 j 13:52	0°♒		
	-1549 Mar 15 j 23:24	0°♓		
morning set	-1549 Mar 21 j 01:58	6°♓16'30		
	-1549 Apr 09 j 09:45	0°♈		
superior conj	-1549 Apr 26 j 22:30	21°♈31'01	-0°33'36	
minimum elong	-1549 Apr 27 j 04:51	21°♈50'31	0°33'19	
max. Earth dist.	-1549 Apr 26 j 10:37	20°♈54'35	1.73685 AU	
	-1549 May 03 j 20:24	0°♉		
asc. node	-1549 May 11 j 14:00	9°♉29'33		
	-1549 May 28 j 06:40	0°♊		
evening rise	-1549 Jun 01 j 23:09	5°♊45'33		
	-1549 Jun 21 j 16:14	0°♋		
	-1549 Jul 16 j 01:37	0°♌		
	-1549 Aug 09 j 12:11	0°♍		
desc. node	-1549 Aug 31 j 04:59	26°♍30'31		
	-1549 Sep 03 j 01:53	0°♎		
	-1549 Sep 27 j 21:22	0°♏		
	-1549 Oct 23 j 03:59	0°♐		
	-1549 Nov 18 j 12:28	0°♑		
evening max el	-1549 Dec 02 j 09:24	14°♑44'35	47°10'30	
	-1549 Dec 18 j 07:40	0°♒		
asc. node	-1549 Dec 22 j 06:19	3°♒21'54		
greatest brilliancy	-1548 Jan 11 j 15:46	16°♒19'52	-4.9m	
retrograde	-1548 Jan 22 j 08:10	18°♒30'51		
evening set	-1548 Feb 09 j 02:05	12°♒21'23		
min. Earth dist.	-1548 Feb 11 j 20:31	10°♒37'15	0.28397 AU	
inferior conj	-1548 Feb 12 j 12:03	10°♒12'34	8°29'53	
minimum elong	-1548 Feb 12 j 10:40	10°♒14'47	8°29'50	
morning rise	-1548 Feb 15 j 19:28	8°♒08'03		
direct	-1548 Mar 04 j 13:10	2°♒04'05		
greatest brilliancy	-1548 Mar 13 j 15:31	3°♒35'47	-4.8m	
desc. node	-1548 Apr 11 j 21:44	22°♒29'10		
	-1548 Apr 20 j 05:04	0°♓		
morning max el	-1548 Apr 22 j 10:58	2°♓07'35	45°50'51	
	-1548 May 19 j 14:19	0°♈		
	-1548 Jun 15 j 10:56	0°♉		
	-1548 Jul 11 j 03:29	0°♊		
asc. node	-1548 Aug 02 j 23:24	27°♊26'52		
	-1548 Aug 05 j 01:43	0°♋		
	-1548 Aug 29 j 10:45	0°♌		
	-1548 Sep 22 j 11:03	0°♍		
greatest brilliancy	-1548 Sep 30 j 18:39	10°♍27'22	-3.9m	
	-1548 Oct 16 j 06:56	0°♎		
morning set	-1548 Oct 17 j 19:50	1°♎56'17		
	-1548 Nov 09 j 01:55	0°♏		
desc. node	-1548 Nov 22 j 14:48	17°♏02'40		
superior conj	-1548 Nov 28 j 07:22	24°♏12'05	-0°13'25	
minimum elong	-1548 Nov 28 j 03:43	24°♏00'35	0°13'15	
behind sun begin	-1548 Nov 27 j 11:40	23°♏10'08		
behind sun end	-1548 Nov 28 j 19:45	24°♏51'02		
max. Earth dist.	-1548 Dec 01 j 16:00	28°♏25'30	1.71150 AU	
	-1548 Dec 02 j 22:05	0°♐		
	-1548 Dec 26 j 20:28	0°♑		
evening rise	-1547 Jan 09 j 02:16	16°♑32'19		
	-1547 Jan 19 j 21:47	0°♒		
	-1547 Feb 13 j 03:16	0°♓		
	-1547 Mar 09 j 14:48	0°♈		
asc. node	-1547 Mar 15 j 16:11	7°♈21'42		
	-1547 Apr 03 j 10:44	0°♉		
	-1547 Apr 28 j 18:17	0°♊		
	-1547 May 24 j 19:41	0°♋		
	-1547 Jun 21 j 07:15	0°♌		
desc. node	-1547 Jul 05 j 07:04	14°♌08'57		
evening max el	-1547 Jul 06 j 15:56	15°♌28'19	46°00'23	
	-1547 Jul 22 j 22:30	0°♍		
greatest brilliancy	-1547 Aug 15 j 22:01	14°♍25'46	-4.8m	
retrograde	-1547 Aug 25 j 00:15	15°♍56'21		
evening set	-1547 Sep 11 j 11:26	10°♍12'28		
inferior conj	-1547 Sep 14 j 18:29	8°♍14'04	-8°17'05	
minimum elong	-1547 Sep 15 j 02:08	8°♍02'27	8°16'11	
min. Earth dist.	-1547 Sep 15 j 10:57	7°♍49'06	0.27113 AU	
morning rise	-1547 Sep 18 j 16:39	5°♍53'34		
direct	-1547 Oct 05 j 13:03	0°♍26'46		
greatest brilliancy	-1547 Oct 16 j 10:48	2°♍42'09	-4.9m	
asc. node	-1547 Oct 26 j 08:39	7°♍57'02		
	-1547 Nov 21 j 07:14	0°♎		
morning max el	-1547 Nov 25 j 09:52	4°♎08'50	46°54'48	
	-1547 Dec 19 j 06:12	0°♏		
	-1546 Jan 14 j 04:42	0°♐		
	-1546 Feb 08 j 11:06	0°♑		
desc. node	-1546 Feb 15 j 00:18	7°♑50'32		
	-1546 Mar 05 j 10:56	0°♒		
	-1546 Mar 30 j 07:20	0°♓		
	-1546 Apr 24 j 01:06	0°♈		
	-1546 May 18 j 16:01	0°♉		
morning set	-1546 May 27 j 17:49	11°♉06'05		
asc. node	-1546 Jun 08 j 01:49	25°♉00'16		
	-1546 Jun 12 j 03:20	0°♊		
max. Earth dist.	-1546 Jun 29 j 02:24	20°♊55'00	1.73030 AU	
superior conj	-1546 Jul 02 j 21:23	25°♊36'19	0°54'07	
minimum elong	-1546 Jul 02 j 12:54	25°♊10'04	0°53'49	
	-1546 Jul 06 j 10:35	0°♋		
	-1546 Jul 30 j 14:16	0°♌		
evening rise	-1546 Aug 08 j 02:10	10°♌34'52		
	-1546 Aug 23 j 15:55	0°♍		
	-1546 Sep 16 j 17:21	0°♎		
desc. node	-1546 Sep 27 j 17:05	13°♎40'52		
	-1546 Oct 10 j 20:11	0°♏		
	-1546 Nov 04 j 01:51	0°♐		
	-1546 Nov 28 j 13:00	0°♑		
	-1546 Dec 23 j 11:51	0°♒		
asc. node	-1545 Jan 18 j 18:06	0°♓15'20		
	-1545 Jan 18 j 12:36	0°♓		
evening max el	-1545 Feb 11 j 14:20	25°♓25'35	45°52'32	
	-1545 Feb 16 j 08:02	0°♈		
greatest brilliancy	-1545 Mar 21 j 20:32	24°♈02'50	-4.7m	
retrograde	-1545 Apr 01 j 16:16	26°♈10'04		
evening set	-1545 Apr 17 j 12:41	21°♈19'04		
inferior conj	-1545 Apr 23 j 02:51	17°♈54'12	3°51'07	
minimum elong	-1545 Apr 23 j 10:20	17°♈42'23	3°49'13	
min. Earth dist.	-1545 Apr 23 j 11:55	17°♈39'53	0.29110 AU	
morning rise	-1545 Apr 29 j 08:01	14°♈08'15		
desc. node	-1545 May 10 j 09:28	9°♈55'44		
direct	-1545 May 14 j 20:24	9°♈32'24		
greatest brilliancy	-1545 May 25 j 06:01	11°♈29'04	-4.7m	
	-1545 Jun 22 j 10:30	0°♉		
morning max el	-1545 Jul 02 j 18:16	9°♉27'40	45°53'12	
	-1545 Jul 22 j 21:32	0°♊		
	-1545 Aug 18 j 16:53	0°♋		
asc. node	-1545 Aug 31 j 11:23	14°♋59'27		
	-1545 Sep 12 j 23:55	0°♌		
	-1545 Oct 07 j 11:27	0°♍		

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

	-1545 Oct 31 j 13:07	0°♎	
	-1545 Nov 24 j 11:16	0°♏	
	-1545 Dec 18 j 09:35	0°♐	
desc. node	-1545 Dec 21 j 02:37	3°♐23'34	
morning set	-1544 Jan 04 j 02:30	20°♐53'27	
	-1544 Jan 11 j 09:41	0°♑	
	-1544 Feb 04 j 12:11	0°♒	
superior conj	-1544 Feb 13 j 18:24	11°♒29'12	-1°24'40
minimum elong	-1544 Feb 13 j 17:14	11°♒25'34	1°24'41
max. Earth dist.	-1544 Feb 17 j 11:26	16°♒04'58	1.72620 AU
	-1544 Feb 28 j 17:22	0°♓	
evening rise	-1544 Mar 23 j 06:07	29°♓00'08	
	-1544 Mar 24 j 01:36	0°♈	
asc. node	-1544 Apr 12 j 04:07	23°♈25'37	
	-1544 Apr 17 j 13:08	0°♉	
	-1544 May 12 j 04:12	0°♊	
	-1544 Jun 05 j 23:29	0°♋	
	-1544 Jul 01 j 00:57	0°♌	
	-1544 Jul 26 j 12:49	0°♍	
desc. node	-1544 Aug 01 j 19:02	7°♍14'57	
	-1544 Aug 21 j 20:11	0°♎	
evening max el	-1544 Sep 18 j 06:54	29°♎13'16	47°17'10
	-1544 Sep 19 j 01:38	0°♏	
	-1544 Oct 28 j 01:06	0°♐	
greatest brilliancy	-1544 Oct 29 j 01:25	0°♐22'57	-4.9m
retrograde	-1544 Nov 07 j 22:31	2°♐14'40	
	-1544 Nov 18 j 09:44	30°℞♏	
evening set	-1544 Nov 22 j 07:34	28°♏06'48	
asc. node	-1544 Nov 22 j 20:27	27°♏49'16	
min. Earth dist.	-1544 Nov 27 j 22:20	24°♏48'45	0.26463 AU
inferior conj	-1544 Nov 28 j 12:27	24°♏27'00	1°27'27
minimum elong	-1544 Nov 28 j 09:13	24°♏31'59	1°26'23
morning rise	-1544 Dec 04 j 11:19	20°♏56'36	
direct	-1544 Dec 18 j 18:57	16°♏50'41	
greatest brilliancy	-1544 Dec 28 j 07:55	18°♏34'10	-4.9m
	-1543 Jan 16 j 15:53	0°♐	
morning max el	-1543 Feb 06 j 14:44	18°♐46'32	46°27'38
	-1543 Feb 17 j 15:29	0°♑	
desc. node	-1543 Mar 14 j 12:13	27°♑01'06	
	-1543 Mar 17 j 03:59	0°♒	
	-1543 Apr 12 j 08:50	0°♓	
	-1543 May 07 j 22:16	0°♈	
	-1543 Jun 02 j 01:22	0°♉	
	-1543 Jun 26 j 19:38	0°♊	
asc. node	-1543 Jul 05 j 13:39	10°♊42'19	
	-1543 Jul 21 j 05:41	0°♋	
morning set	-1543 Aug 03 j 17:59	16°♋45'38	
	-1543 Aug 14 j 08:49	0°♌	
	-1543 Sep 07 j 07:19	0°♍	
max. Earth dist.	-1543 Sep 07 j 20:58	0°♍42'52	1.71421 AU
superior conj	-1543 Sep 10 j 10:16	3°♍55'27	1°20'19
minimum elong	-1543 Sep 10 j 16:20	4°♍14'31	1°20'15
	-1543 Oct 01 j 03:50	0°♎	
evening rise	-1543 Oct 20 j 16:20	24°♎33'00	
desc. node	-1543 Oct 25 j 05:00	0°♏14'15	
	-1543 Oct 25 j 00:28	0°♏	
	-1543 Nov 17 j 22:35	0°♐	
	-1543 Dec 11 j 23:19	0°♑	
	-1542 Jan 05 j 04:41	0°♒	
	-1542 Jan 29 j 18:21	0°♓	
asc. node	-1542 Feb 15 j 06:13	19°♓46'06	
	-1542 Feb 23 j 22:29	0°♈	
	-1542 Mar 22 j 04:20	0°♉	
	-1542 Apr 19 j 16:52	0°♊	
evening max el	-1542 Apr 23 j 04:11	3°♊21'13	45°13'35
	-1542 May 29 j 02:12	0°♋	
greatest brilliancy	-1542 May 31 j 02:28	0°♋46'43	-4.7m
desc. node	-1542 Jun 06 j 21:22	2°♋29'32	
retrograde	-1542 Jun 10 j 14:28	2°♋45'09	
	-1542 Jun 22 j 12:08	30°℞♊	
evening set	-1542 Jun 26 j 02:46	28°♊11'39	
inferior conj	-1542 Jul 01 j 23:02	24°♊44'22	-5°27'55
minimum elong	-1542 Jul 01 j 13:12	24°♊59'29	5°25'37
min. Earth dist.	-1542 Jul 02 j 05:23	24°♊34'35	0.28553 AU
morning rise	-1542 Jul 06 j 23:09	21°♊43'44	
direct	-1542 Jul 23 j 11:46	16°♊32'31	
greatest brilliancy	-1542 Aug 03 j 11:30	18°♊43'14	-4.8m
	-1542 Aug 22 j 05:30	0°♋	
morning max el	-1542 Sep 11 j 10:57	18°♋12'48	46°30'47
	-1542 Sep 22 j 20:10	0°♌	
asc. node	-1542 Sep 27 j 23:04	5°♌32'43	
	-1542 Oct 19 j 11:37	0°♍	
	-1542 Nov 13 j 14:06	0°♎	
	-1542 Dec 08 j 02:13	0°♏	
	-1541 Jan 01 j 09:45	0°♐	
desc. node	-1541 Jan 17 j 14:32	20°♐00'08	
	-1541 Jan 25 j 16:55	0°♑	
	-1541 Feb 19 j 01:05	0°♒	
	-1541 Mar 15 j 10:23	0°♓	
morning set	-1541 Mar 18 j 18:05	4°♓04'52	
	-1541 Apr 08 j 20:35	0°♈	
superior conj	-1541 Apr 24 j 16:27	19°♈25'45	-0°36'29
minimum elong	-1541 Apr 24 j 23:16	19°♈46'39	0°36'10
max. Earth dist.	-1541 Apr 24 j 08:40	19°♈01'51	1.73677 AU
	-1541 May 03 j 07:10	0°♉	
asc. node	-1541 May 10 j 15:59	9°♉02'35	
	-1541 May 27 j 17:29	0°♊	
evening rise	-1541 May 30 j 18:23	3°♊43'54	
	-1541 Jun 21 j 03:15	0°♋	
	-1541 Jul 15 j 12:57	0°♌	
	-1541 Aug 08 j 23:57	0°♍	
desc. node	-1541 Aug 30 j 07:08	25°♍59'37	
	-1541 Sep 02 j 14:17	0°♎	
	-1541 Sep 27 j 10:42	0°♏	
	-1541 Oct 22 j 18:54	0°♐	
	-1541 Nov 18 j 06:51	0°♑	
evening max el	-1541 Nov 30 j 01:20	12°♑27'01	47°12'31
	-1541 Dec 18 j 15:22	0°♒	
asc. node	-1541 Dec 21 j 08:22	2°♒14'20	
greatest brilliancy	-1540 Jan 09 j 07:04	14°♒02'30	-4.9m
retrograde	-1540 Jan 20 j 00:42	16°♒14'29	
evening set	-1540 Feb 06 j 16:22	10°♒07'03	
min. Earth dist.	-1540 Feb 09 j 10:32	8°♒23'27	0.28341 AU
inferior conj	-1540 Feb 10 j 03:34	7°♒56'26	8°28'33
minimum elong	-1540 Feb 10 j 01:25	7°♒59'49	8°28'27
morning rise	-1540 Feb 13 j 10:45	5°♒52'30	
	-1540 Feb 28 j 03:54	30°℞♑	
direct	-1540 Mar 02 j 04:24	29°♑48'56	
	-1540 Mar 05 j 06:10	0°♒	
greatest brilliancy	-1540 Mar 11 j 04:49	1°♒19'36	-4.8m
desc. node	-1540 Apr 10 j 23:45	21°♒32'04	
morning max el	-1540 Apr 20 j 03:09	29°♒57'08	45°51'31
	-1540 Apr 20 j 04:21	0°♓	
	-1540 May 19 j 06:21	0°♈	
	-1540 Jun 15 j 00:26	0°♉	
	-1540 Jul 10 j 15:47	0°♊	
asc. node	-1540 Aug 02 j 01:35	26°♊57'49	
	-1540 Aug 04 j 13:24	0°♋	
	-1540 Aug 28 j 22:07	0°♌	
	-1540 Sep 21 j 22:17	0°♍	
greatest brilliancy	-1540 Sep 30 j 14:06	10°♍53'19	-3.9m

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

morning set	-1540 Oct 15 j 07:31	29°♍26'38	
	-1540 Oct 15 j 18:07	0°♎	
	-1540 Nov 08 j 13:04	0°♏	
desc. node	-1540 Nov 21 j 16:51	16°♏34'01	
superior conj	-1540 Nov 25 j 16:34	21°♏35'04	-0°09'26
minimum elong	-1540 Nov 25 j 13:59	21°♏26'56	0°09'19
behind sun begin	-1540 Nov 24 j 15:32	20°♏16'21	
behind sun end	-1540 Nov 26 j 12:26	22°♏37'31	
max. Earth dist.	-1540 Nov 29 j 01:23	25°♏49'07	1.71118 AU
	-1540 Dec 02 j 09:14	0°♐	
	-1540 Dec 26 j 07:35	0°♑	
evening rise	-1539 Jan 06 j 13:24	14°♑02'42	
	-1539 Jan 19 j 08:54	0°♒	
	-1539 Feb 12 j 14:29	0°♓	
	-1539 Mar 09 j 02:17	0°♈	
asc. node	-1539 Mar 14 j 18:12	6°♈52'44	
	-1539 Apr 02 j 22:43	0°♉	
	-1539 Apr 28 j 07:14	0°♊	
	-1539 May 24 j 10:30	0°♋	
	-1539 Jun 21 j 02:22	0°♌	
evening max el	-1539 Jul 04 j 05:53	13°♌09'22	45°57'40
desc. node	-1539 Jul 04 j 09:17	13°♌17'30	
	-1539 Jul 23 j 11:33	0°♍	
greatest brilliancy	-1539 Aug 13 j 09:55	12°♍01'08	-4.8m
retrograde	-1539 Aug 22 j 12:18	13°♍31'26	
evening set	-1539 Sep 09 j 02:32	7°♍44'09	
inferior conj	-1539 Sep 12 j 07:15	5°♍48'54	-8°25'02
minimum elong	-1539 Sep 12 j 14:12	5°♍38'21	8°24'18
min. Earth dist.	-1539 Sep 12 j 23:40	5°♍23'57	0.27169 AU
morning rise	-1539 Sep 16 j 01:40	3°♍33'28	
	-1539 Sep 23 j 04:55	30°℞♌	
direct	-1539 Oct 03 j 02:39	28°♌00'53	
	-1539 Oct 13 j 08:01	0°♍	
greatest brilliancy	-1539 Oct 14 j 00:19	0°♍15'38	-4.9m
asc. node	-1539 Oct 25 j 10:43	6°♍31'09	
	-1539 Nov 21 j 07:18	0°♎	
morning max el	-1539 Nov 22 j 22:56	1°♎40'55	46°54'52
	-1539 Dec 18 j 23:10	0°♏	
	-1538 Jan 13 j 19:03	0°♐	
	-1538 Feb 08 j 00:04	0°♑	
desc. node	-1538 Feb 14 j 02:27	7°♑18'49	
	-1538 Mar 04 j 23:03	0°♒	
	-1538 Mar 29 j 18:54	0°♓	
	-1538 Apr 23 j 12:21	0°♈	
	-1538 May 18 j 03:04	0°♉	
morning set	-1538 May 25 j 12:28	9°♉02'36	
asc. node	-1538 Jun 07 j 03:56	24°♉33'04	
	-1538 Jun 11 j 14:17	0°♊	
max. Earth dist.	-1538 Jun 26 j 19:58	18°♊47'12	1.73078 AU
superior conj	-1538 Jun 30 j 15:38	23°♊30'30	0°51'40
minimum elong	-1538 Jun 30 j 07:19	23°♊04'45	0°51'22
	-1538 Jul 05 j 21:32	0°♋	
	-1538 Jul 30 j 01:20	0°♌	
evening rise	-1538 Aug 05 j 18:36	8°♌21'54	
	-1538 Aug 23 j 03:10	0°♍	
	-1538 Sep 16 j 04:54	0°♎	
desc. node	-1538 Sep 26 j 19:03	13°♎10'44	
	-1538 Oct 10 j 08:04	0°♏	
	-1538 Nov 03 j 14:09	0°♐	
	-1538 Nov 28 j 01:54	0°♑	
	-1538 Dec 23 j 01:50	0°♒	
asc. node	-1537 Jan 17 j 20:21	29°♒36'04	
	-1537 Jan 18 j 05:00	0°♓	
evening max el	-1537 Feb 09 j 04:59	23°♓09'40	45°55'04
	-1537 Feb 16 j 08:25	0°♈	
greatest brilliancy	-1537 Mar 19 j 14:15	21°♈55'43	-4.7m
retrograde	-1537 Mar 30 j 08:36	24°♈02'11	
evening set	-1537 Apr 15 j 07:44	19°♈07'50	
inferior conj	-1537 Apr 20 j 19:42	15°♈46'03	4°08'03
minimum elong	-1537 Apr 21 j 03:34	15°♈33'36	4°06'05
min. Earth dist.	-1537 Apr 21 j 04:54	15°♈31'29	0.29115 AU
morning rise	-1537 Apr 26 j 23:22	12°♈01'40	
desc. node	-1537 May 09 j 11:30	7°♈34'56	
direct	-1537 May 12 j 12:33	7°♈24'07	
greatest brilliancy	-1537 May 22 j 22:08	9°♈20'11	-4.7m
	-1537 Jun 22 j 13:37	0°♉	
morning max el	-1537 Jun 30 j 09:26	7°♉15'03	45°52'21
	-1537 Jul 22 j 14:32	0°♊	
	-1537 Aug 18 j 06:58	0°♋	
asc. node	-1537 Aug 30 j 13:25	14°♋25'48	
	-1537 Sep 12 j 12:43	0°♌	
	-1537 Oct 06 j 23:37	0°♍	
	-1537 Oct 31 j 00:56	0°♎	
	-1537 Nov 23 j 22:52	0°♏	
	-1537 Dec 17 j 21:01	0°♐	
desc. node	-1537 Dec 20 j 04:44	2°♐54'24	
morning set	-1536 Jan 01 j 12:32	18°♐19'25	
	-1536 Jan 10 j 21:00	0°♑	
	-1536 Feb 03 j 23:22	0°♒	
superior conj	-1536 Feb 11 j 07:58	9°♒07'55	-1°24'25
minimum elong	-1536 Feb 11 j 05:53	9°♒01'27	1°24'26
max. Earth dist.	-1536 Feb 15 j 02:27	13°♒48'19	1.72560 AU
	-1536 Feb 28 j 04:28	0°♓	
evening rise	-1536 Mar 20 j 22:17	26°♓48'13	
	-1536 Mar 23 j 12:41	0°♈	
asc. node	-1536 Apr 11 j 06:09	22°♈57'48	
	-1536 Apr 17 j 00:20	0°♉	
	-1536 May 11 j 15:41	0°♊	
	-1536 Jun 05 j 11:30	0°♋	
	-1536 Jun 30 j 13:52	0°♌	
	-1536 Jul 26 j 03:13	0°♍	
desc. node	-1536 Jul 31 j 21:08	6°♍38'08	
	-1536 Aug 21 j 13:25	0°♎	
evening max el	-1536 Sep 15 j 19:17	26°♎44'49	47°15'26
	-1536 Sep 19 j 02:18	0°♏	
greatest brilliancy	-1536 Oct 26 j 15:40	27°♏54'03	-4.9m
retrograde	-1536 Nov 05 j 10:50	29°♏44'19	
evening set	-1536 Nov 19 j 20:02	25°♏36'33	
asc. node	-1536 Nov 21 j 22:34	24°♏25'52	
min. Earth dist.	-1536 Nov 25 j 12:24	22°♏16'45	0.26433 AU
inferior conj	-1536 Nov 26 j 00:52	21°♏57'36	1°03'23
minimum elong	-1536 Nov 25 j 22:30	22°♏01'14	1°02'36
morning rise	-1536 Dec 02 j 01:18	18°♏25'20	
direct	-1536 Dec 16 j 06:33	14°♏21'23	
greatest brilliancy	-1536 Dec 25 j 22:14	16°♏07'15	-4.9m
	-1535 Jan 17 j 06:03	0°♐	
morning max el	-1535 Feb 04 j 04:10	16°♐22'52	46°29'10
	-1535 Feb 17 j 11:12	0°♑	
desc. node	-1535 Mar 13 j 14:09	26°♑22'42	
	-1535 Mar 16 j 19:17	0°♒	
	-1535 Apr 11 j 22:10	0°♓	
	-1535 May 07 j 10:32	0°♈	
	-1535 Jun 01 j 13:01	0°♉	
	-1535 Jun 26 j 06:55	0°♊	
asc. node	-1535 Jul 04 j 15:51	10°♊14'36	
	-1535 Jul 20 j 16:49	0°♋	
morning set	-1535 Aug 01 j 10:15	14°♋32'19	
	-1535 Aug 13 j 19:57	0°♌	
max. Earth dist.	-1535 Sep 05 j 09:07	28°♌15'02	1.71470 AU
	-1535 Sep 06 j 18:32	0°♍	

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

superior conj	-1535 Sep 08 j 00:08	1°♍33'01	1°21'22
minimum elong	-1535 Sep 08 j 05:26	1°♍49'40	1°21'18
	-1535 Sep 30 j 15:08	0°♎	
evening rise	-1535 Oct 18 j 02:22	21°♎57'59	
desc. node	-1535 Oct 24 j 07:04	29°♎44'57	
	-1535 Oct 24 j 11:52	0°♏	
	-1535 Nov 17 j 10:06	0°♐	
	-1535 Dec 11 j 11:01	0°♑	
	-1534 Jan 04 j 16:39	0°♒	
	-1534 Jan 29 j 06:47	0°♓	
asc. node	-1534 Feb 14 j 08:12	19°♓13'33	
	-1534 Feb 23 j 11:52	0°♈	
	-1534 Mar 21 j 19:53	0°♉	
	-1534 Apr 19 j 14:38	0°♊	
evening max el	-1534 Apr 20 j 20:19	1°♊11'06	45°13'43
greatest brilliancy	-1534 May 28 j 16:05	28°♊33'31	-4.7m
	-1534 Jun 02 j 18:39	0°♋	
desc. node	-1534 Jun 05 j 23:31	0°♋27'38	
retrograde	-1534 Jun 08 j 06:19	0°♋33'36	
	-1534 Jun 13 j 14:23	30°℞♊	
evening set	-1534 Jun 23 j 16:00	26°♊02'42	
inferior conj	-1534 Jun 29 j 14:31	22°♊32'02	-5°11'32
minimum elong	-1534 Jun 29 j 04:56	22°♊46'46	5°09'14
min. Earth dist.	-1534 Jun 29 j 20:26	22°♊22'55	0.28586 AU
morning rise	-1534 Jul 04 j 17:28	19°♊27'30	
direct	-1534 Jul 21 j 04:10	14°♊19'40	
greatest brilliancy	-1534 Aug 01 j 02:49	16°♊29'46	-4.8m
	-1534 Aug 22 j 16:28	0°♋	
morning max el	-1534 Sep 09 j 03:02	15°♋57'54	46°29'14
	-1534 Sep 22 j 14:54	0°♌	
asc. node	-1534 Sep 27 j 01:08	4°♌49'36	
	-1534 Oct 19 j 02:38	0°♍	
	-1534 Nov 13 j 03:34	0°♎	
	-1534 Dec 07 j 14:50	0°♏	
	-1534 Dec 31 j 21:49	0°♐	
desc. node	-1533 Jan 16 j 16:42	19°♐30'23	
	-1533 Jan 25 j 04:36	0°♑	
	-1533 Feb 18 j 12:27	0°♒	
	-1533 Mar 14 j 21:31	0°♓	
morning set	-1533 Mar 16 j 10:05	1°♓52'24	
	-1533 Apr 08 j 07:33	0°♈	
superior conj	-1533 Apr 22 j 10:26	17°♈20'01	-0°39'18
minimum elong	-1533 Apr 22 j 17:40	17°♈42'14	0°38'59
max. Earth dist.	-1533 Apr 22 j 07:50	17°♈12'04	1.73666 AU
	-1533 May 02 j 18:04	0°♉	
asc. node	-1533 May 09 j 18:09	8°♉35'45	
	-1533 May 27 j 04:27	0°♊	
evening rise	-1533 May 28 j 13:46	1°♊42'18	
	-1533 Jun 20 j 14:23	0°♋	
	-1533 Jul 15 j 00:24	0°♌	
	-1533 Aug 08 j 11:53	0°♍	
desc. node	-1533 Aug 29 j 09:07	25°♍27'39	
	-1533 Sep 02 j 02:53	0°♎	
	-1533 Sep 27 j 00:20	0°♏	
	-1533 Oct 22 j 10:16	0°♐	
	-1533 Nov 18 j 02:01	0°♑	
evening max el	-1533 Nov 27 j 17:51	10°♑09'53	47°14'29
	-1533 Dec 19 j 02:19	0°♒	
asc. node	-1533 Dec 20 j 10:34	1°♒04'11	
greatest brilliancy	-1532 Jan 06 j 22:41	11°♒44'28	-4.9m
retrograde	-1532 Jan 17 j 17:02	13°♒56'45	
evening set	-1532 Feb 04 j 06:14	7°♒52'16	
min. Earth dist.	-1532 Feb 07 j 00:28	6°♒08'33	0.28275 AU
inferior conj	-1532 Feb 07 j 18:55	5°♒39'14	8°26'26
minimum elong	-1532 Feb 07 j 16:02	5°♒43'49	8°26'17
morning rise	-1532 Feb 11 j 02:10	3°♒35'20	
	-1532 Feb 17 j 19:36	30°℞♑	
direct	-1532 Feb 28 j 19:35	27°♑33'07	
greatest brilliancy	-1532 Mar 08 j 17:47	29°♑02'19	-4.8m
	-1532 Mar 11 j 09:51	0°♒	
desc. node	-1532 Apr 10 j 01:53	20°♒36'13	
morning max el	-1532 Apr 17 j 18:46	27°♒45'04	45°52'12
	-1532 Apr 20 j 02:45	0°♓	
	-1532 May 18 j 22:08	0°♈	
	-1532 Jun 14 j 13:50	0°♉	
	-1532 Jul 10 j 04:02	0°♊	
asc. node	-1532 Aug 01 j 03:38	26°♊28'25	
	-1532 Aug 04 j 01:03	0°♋	
	-1532 Aug 28 j 09:28	0°♌	
	-1532 Sep 21 j 09:28	0°♍	
greatest brilliancy	-1532 Sep 30 j 04:52	11°♍04'34	-3.9m
morning set	-1532 Oct 12 j 19:25	26°♍57'37	
	-1532 Oct 15 j 05:17	0°♎	
	-1532 Nov 08 j 00:16	0°♏	
desc. node	-1532 Nov 20 j 19:02	16°♏05'43	
superior conj	-1532 Nov 23 j 01:36	18°♏57'19	-0°05'24
minimum elong	-1532 Nov 23 j 00:07	18°♏52'38	0°05'21
behind sun begin	-1532 Nov 21 j 22:26	17°♏31'52	
behind sun end	-1532 Nov 24 j 01:47	20°♏13'24	
max. Earth dist.	-1532 Nov 26 j 08:42	23°♏06'02	1.71090 AU
	-1532 Dec 01 j 20:26	0°♐	
	-1532 Dec 25 j 18:47	0°♑	
evening rise	-1531 Jan 03 j 23:52	11°♑30'42	
	-1531 Jan 18 j 20:06	0°♒	
	-1531 Feb 12 j 01:45	0°♓	
	-1531 Mar 08 j 13:47	0°♈	
asc. node	-1531 Mar 13 j 20:15	6°♈23'54	
	-1531 Apr 02 j 10:44	0°♉	
	-1531 Apr 27 j 20:12	0°♊	
	-1531 May 24 j 01:24	0°♋	
	-1531 Jun 20 j 21:51	0°♌	
evening max el	-1531 Jul 01 j 19:21	10°♌49'46	45°55'00
desc. node	-1531 Jul 03 j 11:23	12°♌25'19	
	-1531 Jul 24 j 04:27	0°♍	
greatest brilliancy	-1531 Aug 10 j 22:26	9°♍38'24	-4.8m
retrograde	-1531 Aug 20 j 00:12	11°♍08'15	
evening set	-1531 Sep 06 j 17:35	5°♍17'58	
inferior conj	-1531 Sep 09 j 20:20	3°♍25'30	-8°31'48
minimum elong	-1531 Sep 10 j 02:31	3°♍16'05	8°31'13
min. Earth dist.	-1531 Sep 10 j 12:56	3°♍00'13	0.27226 AU
morning rise	-1531 Sep 13 j 11:15	1°♍14'51	
	-1531 Sep 15 j 16:13	30°℞♌	
direct	-1531 Sep 30 j 16:03	25°♌36'34	
greatest brilliancy	-1531 Oct 11 j 14:39	27°♌51'28	-4.9m
	-1531 Oct 16 j 06:05	0°♍	
asc. node	-1531 Oct 24 j 12:52	5°♍09'14	
morning max el	-1531 Nov 20 j 11:31	29°♍12'21	46°54'46
	-1531 Nov 21 j 06:05	0°♎	
	-1531 Dec 18 j 15:42	0°♏	
	-1530 Jan 13 j 09:11	0°♐	
	-1530 Feb 07 j 12:55	0°♑	
desc. node	-1530 Feb 13 j 04:25	6°♑46'47	
	-1530 Mar 04 j 11:05	0°♒	
	-1530 Mar 29 j 06:22	0°♓	
	-1530 Apr 22 j 23:26	0°♈	
	-1530 May 17 j 13:55	0°♉	
morning set	-1530 May 23 j 07:03	6°♉59'31	
asc. node	-1530 Jun 06 j 06:04	24°♉06'36	
	-1530 Jun 11 j 01:02	0°♊	
max. Earth dist.	-1530 Jun 24 j 14:47	16°♊43'55	1.73127 AU
superior conj	-1530 Jun 28 j 10:04	21°♊25'52	0°49'09

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

minimum elong	-1530 Jun 28 j 01:57	21°♊00'47	0°48'52
	-1530 Jul 05 j 08:18	0°♋	
	-1530 Jul 29 j 12:13	0°♌	
evening rise	-1530 Aug 03 j 11:30	6°♌11'06	
	-1530 Aug 22 j 14:14	0°♍	
	-1530 Sep 15 j 16:13	0°♎	
desc. node	-1530 Sep 25 j 21:11	12°♎41'48	
	-1530 Oct 09 j 19:42	0°♏	
	-1530 Nov 03 j 02:11	0°♐	
	-1530 Nov 27 j 14:35	0°♑	
	-1530 Dec 22 j 15:41	0°♒	
asc. node	-1529 Jan 16 j 22:19	28°♒56'07	
	-1529 Jan 17 j 21:30	0°♓	
evening max el	-1529 Feb 06 j 19:19	20°♓53'19	45°57'37
	-1529 Feb 16 j 09:55	0°♈	
greatest brilliancy	-1529 Mar 17 j 07:34	19°♈48'17	-4.7m
retrograde	-1529 Mar 28 j 01:06	21°♈54'44	
evening set	-1529 Apr 13 j 02:49	16°♈56'39	
inferior conj	-1529 Apr 18 j 12:32	13°♈38'15	4°24'35
minimum elong	-1529 Apr 18 j 20:45	13°♈25'16	4°22'35
min. Earth dist.	-1529 Apr 18 j 21:52	13°♈23'29	0.29118 AU
morning rise	-1529 Apr 24 j 14:35	9°♈55'53	
desc. node	-1529 May 08 j 13:39	5°♈19'11	
direct	-1529 May 10 j 04:29	5°♈16'08	
greatest brilliancy	-1529 May 20 j 14:32	7°♈12'18	-4.7m
	-1529 Jun 22 j 14:54	0°♉	
morning max el	-1529 Jun 28 j 01:06	5°♉04'34	45°51'37
	-1529 Jul 22 j 06:52	0°♊	
	-1529 Aug 17 j 20:34	0°♋	
asc. node	-1529 Aug 29 j 15:26	13°♋53'17	
	-1529 Sep 12 j 01:07	0°♌	
	-1529 Oct 06 j 11:25	0°♍	
	-1529 Oct 30 j 12:24	0°♎	
	-1529 Nov 23 j 10:07	0°♏	
	-1529 Dec 17 j 08:06	0°♐	
desc. node	-1529 Dec 19 j 06:51	2°♐26'24	
morning set	-1529 Dec 29 j 22:49	15°♐47'11	
	-1528 Jan 10 j 07:56	0°♑	
	-1528 Feb 03 j 10:12	0°♒	
superior conj	-1528 Feb 08 j 21:27	6°♒47'21	-1°24'00
minimum elong	-1528 Feb 08 j 18:29	6°♒38'08	1°24'01
max. Earth dist.	-1528 Feb 12 j 15:18	11°♒25'57	1.72505 AU
	-1528 Feb 27 j 15:15	0°♓	
evening rise	-1528 Mar 18 j 14:13	24°♓36'24	
	-1528 Mar 22 j 23:29	0°♈	
asc. node	-1528 Apr 10 j 08:18	22°♈31'10	
	-1528 Apr 16 j 11:14	0°♉	
	-1528 May 11 j 02:52	0°♊	
	-1528 Jun 04 j 23:13	0°♋	
	-1528 Jun 30 j 02:30	0°♌	
	-1528 Jul 25 j 17:24	0°♍	
desc. node	-1528 Jul 30 j 23:06	6°♍01'47	
	-1528 Aug 21 j 06:36	0°♎	
evening max el	-1528 Sep 13 j 08:27	24°♎19'42	47°13'38
	-1528 Sep 19 j 03:44	0°♏	
greatest brilliancy	-1528 Oct 24 j 05:28	25°♏25'46	-4.9m
retrograde	-1528 Nov 02 j 23:37	27°♏15'18	
evening set	-1528 Nov 17 j 08:44	23°♏07'11	
asc. node	-1528 Nov 21 j 00:41	21°♏01'28	
min. Earth dist.	-1528 Nov 23 j 02:13	19°♏46'14	0.26405 AU
inferior conj	-1528 Nov 23 j 13:15	19°♏29'20	0°39'11
minimum elong	-1528 Nov 23 j 11:47	19°♏31'36	0°38'41
morning rise	-1528 Nov 29 j 15:06	15°♏55'43	
direct	-1528 Dec 13 j 18:46	11°♏53'19	
greatest brilliancy	-1528 Dec 23 j 12:07	13°♏41'11	-4.9m
	-1527 Jan 17 j 16:00	0°♐	

morning max el	-1527 Feb 01 j 18:26	14°♐02'38	46°30'42
	-1527 Feb 17 j 05:51	0°♑	
desc. node	-1527 Mar 12 j 16:20	25°♑46'39	
	-1527 Mar 16 j 09:56	0°♒	
	-1527 Apr 11 j 11:01	0°♓	
	-1527 May 06 j 22:24	0°♈	
	-1527 Jun 01 j 00:17	0°♉	
	-1527 Jun 25 j 17:51	0°♊	
asc. node	-1527 Jul 03 j 17:51	9°♊47'24	
	-1527 Jul 20 j 03:35	0°♋	
morning set	-1527 Jul 30 j 02:39	12°♋20'48	
	-1527 Aug 13 j 06:42	0°♌	
max. Earth dist.	-1527 Sep 02 j 21:11	25°♌48'20	1.71519 AU
superior conj	-1527 Sep 05 j 14:17	29°♌12'43	1°22'14
minimum elong	-1527 Sep 05 j 18:47	29°♌26'51	1°22'12
	-1527 Sep 06 j 05:20	0°♍	
	-1527 Sep 30 j 02:03	0°♎	
evening rise	-1527 Oct 15 j 12:40	19°♎24'57	
desc. node	-1527 Oct 23 j 09:14	29°♎17'04	
	-1527 Oct 23 j 22:55	0°♏	
	-1527 Nov 16 j 21:17	0°♐	
	-1527 Dec 10 j 22:21	0°♑	
	-1526 Jan 04 j 04:14	0°♒	
	-1526 Jan 28 j 18:50	0°♓	
asc. node	-1526 Feb 13 j 10:18	18°♓42'24	
	-1526 Feb 23 j 00:55	0°♈	
	-1526 Mar 21 j 11:14	0°♉	
evening max el	-1526 Apr 18 j 13:00	29°♉03'22	45°13'44
	-1526 Apr 19 j 12:50	0°♊	
greatest brilliancy	-1526 May 26 j 06:18	26°♊22'03	-4.7m
desc. node	-1526 Jun 05 j 01:37	28°♊22'07	
retrograde	-1526 Jun 05 j 21:58	28°♊22'57	
evening set	-1526 Jun 21 j 05:30	23°♊54'49	
inferior conj	-1526 Jun 27 j 06:05	20°♊20'50	-4°54'42
minimum elong	-1526 Jun 26 j 20:47	20°♊35'09	4°52'25
min. Earth dist.	-1526 Jun 27 j 11:39	20°♊12'15	0.28615 AU
morning rise	-1526 Jul 02 j 11:44	17°♊12'23	
direct	-1526 Jul 18 j 20:44	12°♊08'09	
greatest brilliancy	-1526 Jul 29 j 17:53	14°♊17'03	-4.8m
	-1526 Aug 23 j 00:06	0°♋	
morning max el	-1526 Sep 06 j 18:27	13°♋42'35	46°27'41
	-1526 Sep 22 j 08:46	0°♌	
asc. node	-1526 Sep 26 j 03:21	4°♌08'32	
	-1526 Oct 18 j 17:06	0°♍	
	-1526 Nov 12 j 16:34	0°♎	
	-1526 Dec 07 j 03:03	0°♏	
	-1526 Dec 31 j 09:33	0°♐	
desc. node	-1525 Jan 15 j 18:38	19°♐00'56	
	-1525 Jan 24 j 15:57	0°♑	
	-1525 Feb 17 j 23:29	0°♒	
morning set	-1525 Mar 14 j 02:14	29°♒41'20	
	-1525 Mar 14 j 08:18	0°♓	
	-1525 Apr 07 j 18:11	0°♈	
superior conj	-1525 Apr 20 j 04:31	15°♈15'37	-0°42'03
minimum elong	-1525 Apr 20 j 12:08	15°♈39'02	0°41'44
max. Earth dist.	-1525 Apr 20 j 07:47	15°♈25'40	1.73653 AU
	-1525 May 02 j 04:41	0°♉	
asc. node	-1525 May 08 j 20:16	8°♉09'41	
evening rise	-1525 May 26 j 09:10	29°♉41'38	
	-1525 May 26 j 15:09	0°♊	
	-1525 Jun 20 j 01:18	0°♋	
	-1525 Jul 14 j 11:38	0°♌	
	-1525 Aug 07 j 23:35	0°♍	
desc. node	-1525 Aug 28 j 11:15	24°♍56'52	
	-1525 Sep 01 j 15:17	0°♎	

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

	-1525 Sep 26 j 13:47	0°♏	
	-1525 Oct 22 j 01:33	0°♐	
	-1525 Nov 17 j 21:24	0°♑	
evening max el	-1525 Nov 25 j 09:56	7°♑52'19	47°16'11
asc. node	-1525 Dec 19 j 12:35	29°♑52'25	
	-1525 Dec 19 j 16:34	0°♒	
greatest brilliancy	-1524 Jan 04 j 14:55	9°♒27'39	-4.9m
retrograde	-1524 Jan 15 j 08:58	11°♒39'17	
evening set	-1524 Feb 01 j 19:47	5°♒38'33	
min. Earth dist.	-1524 Feb 04 j 14:45	3°♒53'38	0.28206 AU
inferior conj	-1524 Feb 05 j 10:16	3°♒22'36	8°23'29
minimum elong	-1524 Feb 05 j 06:38	3°♒28'22	8°23'16
morning rise	-1524 Feb 08 j 17:51	1°♒18'05	
	-1524 Feb 10 j 22:54	30°℞♑	
direct	-1524 Feb 26 j 10:29	25°♑17'53	
greatest brilliancy	-1524 Mar 06 j 07:12	26°♑45'52	-4.8m
	-1524 Mar 13 j 21:07	0°♒	
desc. node	-1524 Apr 09 j 04:00	19°♒42'10	
morning max el	-1524 Apr 15 j 09:27	25°♒31'24	45°53'00
	-1524 Apr 19 j 24:00	0°♓	
	-1524 May 18 j 13:24	0°♈	
	-1524 Jun 14 j 02:54	0°♉	
	-1524 Jul 09 j 16:04	0°♊	
asc. node	-1524 Jul 31 j 05:42	25°♊59'36	
	-1524 Aug 03 j 12:32	0°♋	
	-1524 Aug 27 j 20:40	0°♌	
	-1524 Sep 20 j 20:33	0°♍	
greatest brilliancy	-1524 Sep 29 j 19:27	11°♍15'35	-3.9m
morning set	-1524 Oct 10 j 07:18	24°♍28'58	
	-1524 Oct 14 j 16:19	0°♎	
	-1524 Nov 07 j 11:18	0°♏	
desc. node	-1524 Nov 19 j 21:03	15°♏37'21	
superior conj	-1524 Nov 20 j 10:39	16°♏20'10	-0°01'22
minimum elong	-1524 Nov 20 j 10:17	16°♏19'01	0°01'22
behind sun begin	-1524 Nov 19 j 07:30	14°♏54'43	
behind sun end	-1524 Nov 21 j 13:05	17°♏43'17	
max. Earth dist.	-1524 Nov 23 j 14:09	20°♏17'35	1.71063 AU
	-1524 Dec 01 j 07:29	0°♐	
	-1524 Dec 25 j 05:50	0°♑	
evening rise	-1523 Jan 01 j 10:15	8°♑58'40	
	-1523 Jan 18 j 07:11	0°♒	
	-1523 Feb 11 j 12:57	0°♓	
	-1523 Mar 08 j 01:14	0°♈	
asc. node	-1523 Mar 12 j 22:28	5°♈55'43	
	-1523 Apr 01 j 22:41	0°♉	
	-1523 Apr 27 j 09:09	0°♊	
	-1523 May 23 j 16:23	0°♋	
	-1523 Jun 20 j 17:52	0°♌	
evening max el	-1523 Jun 29 j 07:47	8°♌27'56	45°52'16
desc. node	-1523 Jul 02 j 13:21	11°♌31'51	
	-1523 Jul 25 j 03:13	0°♍	
greatest brilliancy	-1523 Aug 08 j 10:47	7°♍15'19	-4.8m
retrograde	-1523 Aug 17 j 11:58	8°♍45'04	
evening set	-1523 Sep 04 j 08:08	2°♍51'56	
inferior conj	-1523 Sep 07 j 09:20	1°♍01'52	-8°37'32
minimum elong	-1523 Sep 07 j 14:41	0°♍53'42	8°37'07
min. Earth dist.	-1523 Sep 08 j 02:14	0°♍36'06	0.27286 AU
	-1523 Sep 09 j 02:02	30°℞♌	
morning rise	-1523 Sep 10 j 21:01	28°♌55'50	
direct	-1523 Sep 28 j 05:14	23°♌11'43	
greatest brilliancy	-1523 Oct 09 j 05:29	25°♌27'42	-4.9m
	-1523 Oct 18 j 00:37	0°♍	
asc. node	-1523 Oct 23 j 14:57	3°♍49'22	
morning max el	-1523 Nov 18 j 00:10	26°♍43'42	46°54'47
	-1523 Nov 21 j 04:04	0°♎	
	-1523 Dec 18 j 07:57	0°♏	
	-1522 Jan 12 j 23:09	0°♐	
	-1522 Feb 07 j 01:39	0°♑	
desc. node	-1522 Feb 12 j 06:35	6°♑15'32	
	-1522 Mar 03 j 23:03	0°♒	
	-1522 Mar 28 j 17:50	0°♓	
	-1522 Apr 22 j 10:33	0°♈	
	-1522 May 17 j 00:49	0°♉	
morning set	-1522 May 21 j 01:47	4°♉56'39	
asc. node	-1522 Jun 05 j 08:06	23°♉39'42	
	-1522 Jun 10 j 11:50	0°♊	
max. Earth dist.	-1522 Jun 22 j 11:43	14°♊47'05	1.73173 AU
superior conj	-1522 Jun 26 j 04:41	19°♊21'48	0°46'35
minimum elong	-1522 Jun 25 j 20:49	18°♊57'28	0°46'18
	-1522 Jul 04 j 19:06	0°♋	
	-1522 Jul 28 j 23:09	0°♌	
evening rise	-1522 Aug 01 j 04:42	4°♌01'10	
	-1522 Aug 22 j 01:25	0°♍	
	-1522 Sep 15 j 03:42	0°♎	
desc. node	-1522 Sep 24 j 23:20	12°♎12'27	
	-1522 Oct 09 j 07:31	0°♏	
	-1522 Nov 02 j 14:27	0°♐	
	-1522 Nov 27 j 03:31	0°♑	
	-1522 Dec 22 j 05:51	0°♒	
asc. node	-1521 Jan 16 j 00:26	28°♒15'42	
	-1521 Jan 17 j 14:29	0°♓	
evening max el	-1521 Feb 04 j 09:43	18°♓36'36	46°00'19
	-1521 Feb 16 j 13:07	0°♈	
greatest brilliancy	-1521 Mar 15 j 00:12	17°♈39'27	-4.7m
retrograde	-1521 Mar 25 j 17:58	19°♈46'40	
evening set	-1521 Apr 10 j 21:52	14°♈44'29	
inferior conj	-1521 Apr 16 j 05:16	11°♈29'33	4°40'48
minimum elong	-1521 Apr 16 j 13:47	11°♈16'06	4°38'47
min. Earth dist.	-1521 Apr 16 j 14:27	11°♈15'03	0.29121 AU
morning rise	-1521 Apr 22 j 05:36	7°♈49'41	
direct	-1521 May 07 j 20:36	3°♈07'11	
desc. node	-1521 May 07 j 15:44	3°♈07'14	
greatest brilliancy	-1521 May 18 j 06:42	5°♈03'32	-4.7m
	-1521 Jun 22 j 15:13	0°♉	
morning max el	-1521 Jun 25 j 17:37	2°♉55'41	45°51'03
	-1521 Jul 21 j 23:05	0°♊	
	-1521 Aug 17 j 10:12	0°♋	
asc. node	-1521 Aug 28 j 17:41	13°♋21'08	
	-1521 Sep 11 j 13:38	0°♌	
	-1521 Oct 05 j 23:23	0°♍	
	-1521 Oct 30 j 00:06	0°♎	
	-1521 Nov 22 j 21:38	0°♏	
	-1521 Dec 16 j 19:28	0°♐	
desc. node	-1521 Dec 18 j 08:53	1°♐57'13	
morning set	-1521 Dec 27 j 08:36	13°♐12'18	
	-1520 Jan 09 j 19:10	0°♑	
	-1520 Feb 02 j 21:20	0°♒	
superior conj	-1520 Feb 06 j 10:24	4°♒24'10	-1°23'26
minimum elong	-1520 Feb 06 j 06:31	4°♒12'07	1°23'25
max. Earth dist.	-1520 Feb 10 j 03:38	9°♒01'00	1.72449 AU
	-1520 Feb 27 j 02:19	0°♓	
evening rise	-1520 Mar 16 j 05:54	22°♓23'03	
	-1520 Mar 22 j 10:33	0°♈	
asc. node	-1520 Apr 09 j 10:24	22°♈03'27	
	-1520 Apr 15 j 22:27	0°♉	
	-1520 May 10 j 14:23	0°♊	
	-1520 Jun 04 j 11:18	0°♋	
	-1520 Jun 29 j 15:30	0°♌	
	-1520 Jul 25 j 08:00	0°♍	
desc. node	-1520 Jul 30 j 01:20	5°♍25'08	
	-1520 Aug 21 j 00:23	0°♎	

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

evening max el	-1520 Sep 10 j 22:26	21°♎56'07	47°11'40
	-1520 Sep 19 j 06:53	0°♏	
greatest brilliancy	-1520 Oct 21 j 18:28	22°♏55'44	-4.9m
retrograde	-1520 Oct 31 j 12:36	24°♏44'58	
evening set	-1520 Nov 14 j 21:36	20°♏36'19	
asc. node	-1520 Nov 20 j 02:45	17°♏34'17	
min. Earth dist.	-1520 Nov 20 j 15:37	17°♏14'38	0.26384 AU
inferior conj	-1520 Nov 21 j 01:31	16°♏59'32	0°14'45
minimum elong	-1520 Nov 21 j 00:57	17°♏00'23	0°14'32
transit middle	-1520 Nov 21 j 00:57	17°♏00'23	0°14'32
transit begin	-1520 Nov 20 j 22:55	17°♏03'30	
transit end	-1520 Nov 21 j 03:00	16°♏57'15	
morning rise	-1520 Nov 27 j 04:38	13°♏24'51	
direct	-1520 Dec 11 j 07:28	9°♏23'51	
greatest brilliancy	-1520 Dec 21 j 01:33	11°♏13'00	-4.9m
	-1519 Jan 17 j 23:54	0°♐	
morning max el	-1519 Jan 30 j 09:03	11°♐41'41	46°32'05
	-1519 Feb 17 j 00:32	0°♑	
desc. node	-1519 Mar 11 j 18:29	25°♑09'32	
	-1519 Mar 16 j 00:51	0°♒	
	-1519 Apr 11 j 00:11	0°♓	
	-1519 May 06 j 10:35	0°♈	
	-1519 May 31 j 11:53	0°♉	
	-1519 Jun 25 j 05:08	0°♊	
asc. node	-1519 Jul 02 j 19:58	9°♊19'30	
	-1519 Jul 19 j 14:43	0°♋	
morning set	-1519 Jul 27 j 19:20	10°♋09'06	
	-1519 Aug 12 j 17:48	0°♌	
max. Earth dist.	-1519 Aug 31 j 07:34	23°♌15'27	1.71563 AU
superior conj	-1519 Sep 03 j 04:55	26°♌53'02	1°22'57
minimum elong	-1519 Sep 03 j 08:38	27°♌04'41	1°22'56
	-1519 Sep 05 j 16:28	0°♍	
	-1519 Sep 29 j 13:16	0°♎	
evening rise	-1519 Oct 12 j 23:22	16°♎52'17	
desc. node	-1519 Oct 22 j 11:16	28°♎47'52	
	-1519 Oct 23 j 10:15	0°♏	
	-1519 Nov 16 j 08:47	0°♐	
	-1519 Dec 10 j 10:05	0°♑	
	-1518 Jan 03 j 16:15	0°♒	
	-1518 Jan 28 j 07:22	0°♓	
asc. node	-1518 Feb 12 j 12:30	18°♓10'06	
	-1518 Feb 22 j 14:33	0°♈	
	-1518 Mar 21 j 03:20	0°♉	
evening max el	-1518 Apr 16 j 05:19	26°♉53'25	45°13'52
	-1518 Apr 19 j 12:34	0°♊	
greatest brilliancy	-1518 May 23 j 21:10	24°♊10'10	-4.7m
retrograde	-1518 Jun 03 j 13:09	26°♊11'07	
desc. node	-1518 Jun 04 j 03:38	26°♊10'42	
evening set	-1518 Jun 18 j 19:13	21°♊45'37	
inferior conj	-1518 Jun 24 j 21:38	18°♊08'36	-4°37'34
minimum elong	-1518 Jun 24 j 12:42	18°♊22'25	4°35'18
min. Earth dist.	-1518 Jun 25 j 03:09	18°♊00'05	0.28643 AU
morning rise	-1518 Jun 30 j 05:52	14°♊56'09	
direct	-1518 Jul 16 j 13:04	9°♊55'33	
greatest brilliancy	-1518 Jul 27 j 09:05	12°♊03'13	-4.8m
	-1518 Aug 23 j 06:03	0°♋	
morning max el	-1518 Sep 04 j 09:02	11°♋24'06	46°26'17
	-1518 Sep 22 j 02:39	0°♌	
asc. node	-1518 Sep 25 j 05:22	3°♌26'16	
	-1518 Oct 18 j 07:45	0°♍	
	-1518 Nov 12 j 05:47	0°♎	
	-1518 Dec 06 j 15:30	0°♏	
	-1518 Dec 30 j 21:32	0°♐	
desc. node	-1517 Jan 14 j 20:50	18°♐31'23	
	-1517 Jan 24 j 03:36	0°♑	
	-1517 Feb 17 j 10:52	0°♒	
morning set	-1517 Mar 11 j 18:02	27°♒27'58	
	-1517 Mar 13 j 19:28	0°♓	
	-1517 Apr 07 j 05:13	0°♈	
superior conj	-1517 Apr 17 j 22:17	13°♈09'05	-0°44'47
minimum elong	-1517 Apr 18 j 06:16	13°♈33'34	0°44'27
max. Earth dist.	-1517 Apr 18 j 06:15	13°♈33'30	1.73636 AU
	-1517 May 01 j 15:40	0°♉	
asc. node	-1517 May 07 j 22:17	7°♉42'10	
evening rise	-1517 May 24 j 04:17	27°♉39'00	
	-1517 May 26 j 02:13	0°♊	
	-1517 Jun 19 j 12:34	0°♋	
	-1517 Jul 13 j 23:15	0°♌	
	-1517 Aug 07 j 11:42	0°♍	
desc. node	-1517 Aug 27 j 13:23	24°♍24'49	
	-1517 Sep 01 j 04:07	0°♎	
	-1517 Sep 26 j 03:42	0°♏	
	-1517 Oct 21 j 17:19	0°♐	
	-1517 Nov 17 j 17:35	0°♑	
evening max el	-1517 Nov 23 j 01:06	5°♑31'43	47°17'54
asc. node	-1517 Dec 18 j 14:41	28°♑38'16	
	-1517 Dec 20 j 11:55	0°♒	
greatest brilliancy	-1516 Jan 02 j 07:33	7°♒10'45	-4.9m
retrograde	-1516 Jan 13 j 00:26	9°♒21'23	
evening set	-1516 Jan 30 j 09:12	3°♒24'49	
min. Earth dist.	-1516 Feb 02 j 05:29	1°♒37'53	0.28140 AU
inferior conj	-1516 Feb 03 j 01:45	1°♒05'39	8°19'49
minimum elong	-1516 Feb 02 j 21:24	1°♒12'34	8°19'29
	-1516 Feb 04 j 19:13	30°♑	
morning rise	-1516 Feb 06 j 09:57	29°♑00'03	
direct	-1516 Feb 24 j 01:08	23°♑02'10	
greatest brilliancy	-1516 Mar 03 j 21:27	24°♑29'36	-4.8m
	-1516 Mar 15 j 11:08	0°♒	
desc. node	-1516 Apr 08 j 06:03	18°♒48'12	
morning max el	-1516 Apr 12 j 23:31	23°♒15'09	45°53'44
	-1516 Apr 19 j 20:52	0°♓	
	-1516 May 18 j 04:49	0°♈	
	-1516 Jun 13 j 16:13	0°♉	
	-1516 Jul 09 j 04:20	0°♊	
asc. node	-1516 Jul 30 j 07:55	25°♊30'32	
	-1516 Aug 03 j 00:15	0°♋	
	-1516 Aug 27 j 08:06	0°♌	
	-1516 Sep 20 j 07:52	0°♍	
greatest brilliancy	-1516 Sep 29 j 07:04	11°♍16'33	-3.9m
morning set	-1516 Oct 07 j 19:15	21°♍59'42	
	-1516 Oct 14 j 03:37	0°♎	
	-1516 Nov 06 j 22:36	0°♏	
superior conj	-1516 Nov 17 j 19:58	13°♏43'01	0°02'42
minimum elong	-1516 Nov 17 j 20:42	13°♏45'19	0°02'39
behind sun begin	-1516 Nov 16 j 18:05	12°♏21'34	
behind sun end	-1516 Nov 18 j 23:18	15°♏09'02	
desc. node	-1516 Nov 18 j 23:08	15°♏08'29	
max. Earth dist.	-1516 Nov 20 j 16:11	17°♏17'38	1.71035 AU
	-1516 Nov 30 j 18:45	0°♐	
	-1516 Dec 24 j 17:04	0°♑	
evening rise	-1516 Dec 29 j 20:50	6°♑26'44	
	-1515 Jan 17 j 18:26	0°♒	
	-1515 Feb 11 j 00:18	0°♓	
	-1515 Mar 07 j 12:51	0°♈	
asc. node	-1515 Mar 12 j 00:29	5°♈26'23	
	-1515 Apr 01 j 10:52	0°♉	
	-1515 Apr 26 j 22:24	0°♊	
	-1515 May 23 j 07:48	0°♋	
	-1515 Jun 20 j 14:46	0°♌	
evening max el	-1515 Jun 26 j 20:09	6°♌05'38	45°49'44
desc. node	-1515 Jul 01 j 15:35	10°♌37'22	

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

	-1515 Jul 26 j 10:51	0°♍	
greatest brilliancy	-1515 Aug 05 j 22:42	4°♍51'43	-4.8m
retrograde	-1515 Aug 15 j 00:21	6°♍22'12	
evening set	-1515 Sep 01 j 22:26	0°♍26'22	
	-1515 Sep 02 j 16:15	30°℞♌	
inferior conj	-1515 Sep 04 j 22:27	28°♌38'13	-8°42'20
minimum elong	-1515 Sep 05 j 02:57	28°♌31'21	8°42'01
min. Earth dist.	-1515 Sep 05 j 15:23	28°♌12'27	0.27349 AU
morning rise	-1515 Sep 08 j 07:14	26°♌36'32	
direct	-1515 Sep 25 j 18:42	20°♌46'47	
greatest brilliancy	-1515 Oct 06 j 20:22	23°♌04'00	-4.9m
	-1515 Oct 19 j 06:10	0°♍	
asc. node	-1515 Oct 22 j 17:03	2°♍31'37	
morning max el	-1515 Nov 15 j 13:46	24°♍17'07	46°54'47
	-1515 Nov 21 j 01:27	0°♎	
	-1515 Dec 18 j 00:06	0°♏	
	-1514 Jan 12 j 13:06	0°♐	
	-1514 Feb 06 j 14:23	0°♑	
desc. node	-1514 Feb 11 j 08:43	5°♑44'09	
	-1514 Mar 03 j 11:01	0°♒	
	-1514 Mar 28 j 05:17	0°♓	
	-1514 Apr 21 j 21:41	0°♈	
	-1514 May 16 j 11:45	0°♉	
morning set	-1514 May 18 j 20:38	2°♉53'59	
asc. node	-1514 Jun 04 j 10:15	23°♉12'58	
	-1514 Jun 09 j 22:41	0°♊	
max. Earth dist.	-1514 Jun 20 j 09:48	12°♊53'35	1.73219 AU
superior conj	-1514 Jun 23 j 23:20	17°♊17'34	0°43'58
minimum elong	-1514 Jun 23 j 15:44	16°♊54'06	0°43'40
	-1514 Jul 04 j 05:59	0°♋	
	-1514 Jul 28 j 10:10	0°♌	
evening rise	-1514 Jul 29 j 21:59	1°♌51'21	
	-1514 Aug 21 j 12:39	0°♍	
	-1514 Sep 14 j 15:14	0°♎	
desc. node	-1514 Sep 24 j 01:19	11°♎42'23	
	-1514 Oct 08 j 19:25	0°♏	
	-1514 Nov 02 j 02:49	0°♐	
	-1514 Nov 26 j 16:34	0°♑	
	-1514 Dec 21 j 20:11	0°♒	
asc. node	-1513 Jan 15 j 02:40	27°♒35'15	
	-1513 Jan 17 j 07:48	0°♓	
evening max el	-1513 Feb 02 j 01:03	16°♓22'23	46°03'12
	-1513 Feb 16 j 17:54	0°♈	
greatest brilliancy	-1513 Mar 12 j 16:33	15°♈31'02	-4.8m
retrograde	-1513 Mar 23 j 11:30	17°♈39'28	
evening set	-1513 Apr 08 j 17:11	12°♈33'13	
inferior conj	-1513 Apr 13 j 22:12	9°♈21'41	4°56'33
minimum elong	-1513 Apr 14 j 06:58	9°♈07'51	4°54'31
min. Earth dist.	-1513 Apr 14 j 06:47	9°♈08'07	0.29122 AU
morning rise	-1513 Apr 19 j 20:42	5°♈44'39	
direct	-1513 May 05 j 13:21	0°♈59'16	
desc. node	-1513 May 06 j 17:47	1°♈00'53	
greatest brilliancy	-1513 May 15 j 22:30	2°♈55'15	-4.7m
	-1513 Jun 22 j 14:15	0°♉	
morning max el	-1513 Jun 23 j 10:52	0°♉49'05	45°50'20
	-1513 Jul 21 j 14:57	0°♊	
	-1513 Aug 16 j 23:42	0°♋	
asc. node	-1513 Aug 27 j 19:43	12°♋48'35	
	-1513 Sep 11 j 02:03	0°♌	
	-1513 Oct 05 j 11:16	0°♍	
	-1513 Oct 29 j 11:41	0°♎	
	-1513 Nov 22 j 09:01	0°♏	
	-1513 Dec 16 j 06:43	0°♐	
desc. node	-1513 Dec 17 j 11:01	1°♐28'41	
morning set	-1513 Dec 24 j 18:19	10°♐37'25	
	-1512 Jan 09 j 06:18	0°♑	
	-1512 Feb 02 j 08:21	0°♒	
superior conj	-1512 Feb 03 j 23:13	2°♒00'43	-1°22'43
minimum elong	-1512 Feb 03 j 18:26	1°♒45'51	1°22'41
max. Earth dist.	-1512 Feb 07 j 17:00	6°♒39'30	1.72391 AU
	-1512 Feb 26 j 13:15	0°♓	
evening rise	-1512 Mar 13 j 21:40	20°♓10'20	
	-1512 Mar 21 j 21:28	0°♈	
asc. node	-1512 Apr 08 j 12:27	21°♈36'12	
	-1512 Apr 15 j 09:28	0°♉	
	-1512 May 10 j 01:43	0°♊	
	-1512 Jun 03 j 23:13	0°♋	
	-1512 Jun 29 j 04:23	0°♌	
	-1512 Jul 24 j 22:36	0°♍	
desc. node	-1512 Jul 29 j 03:23	4°♍48'08	
	-1512 Aug 20 j 18:26	0°♎	
evening max el	-1512 Sep 08 j 13:02	19°♎34'31	47°09'34
	-1512 Sep 19 j 11:33	0°♏	
greatest brilliancy	-1512 Oct 19 j 07:24	20°♏26'07	-4.9m
retrograde	-1512 Oct 29 j 01:33	22°♏14'43	
evening set	-1512 Nov 12 j 10:40	18°♏05'38	
min. Earth dist.	-1512 Nov 18 j 04:54	14°♏43'24	0.26366 AU
inferior conj	-1512 Nov 18 j 13:41	14°♏29'59	-0°09'51
minimum elong	-1512 Nov 18 j 14:03	14°♏29'25	0°09'45
transit middle	-1512 Nov 18 j 14:03	14°♏29'25	0°09'45
transit begin	-1512 Nov 18 j 10:44	14°♏34'29	
transit end	-1512 Nov 18 j 17:22	14°♏24'22	
asc. node	-1512 Nov 19 j 04:53	14°♏06'47	
morning rise	-1512 Nov 24 j 17:50	10°♏54'22	
direct	-1512 Dec 08 j 20:16	6°♏54'52	
greatest brilliancy	-1512 Dec 18 j 14:40	8°♏44'41	-4.9m
	-1511 Jan 18 j 05:20	0°♐	
morning max el	-1511 Jan 27 j 23:02	9°♐19'39	46°33'23
	-1511 Feb 16 j 18:34	0°♑	
desc. node	-1511 Mar 10 j 20:26	24°♑32'43	
	-1511 Mar 15 j 15:22	0°♒	
	-1511 Apr 10 j 13:00	0°♓	
	-1511 May 05 j 22:26	0°♈	
	-1511 May 30 j 23:09	0°♉	
	-1511 Jun 24 j 16:04	0°♊	
asc. node	-1511 Jul 01 j 22:09	8°♊52'49	
	-1511 Jul 19 j 01:32	0°♋	
morning set	-1511 Jul 25 j 12:13	7°♋59'04	
	-1511 Aug 12 j 04:37	0°♌	
max. Earth dist.	-1511 Aug 28 j 16:24	20°♌38'34	1.71618 AU
superior conj	-1511 Aug 31 j 19:42	24°♌34'41	1°23'31
minimum elong	-1511 Aug 31 j 22:36	24°♌43'48	1°23'31
	-1511 Sep 05 j 03:23	0°♍	
	-1511 Sep 29 j 00:17	0°♎	
evening rise	-1511 Oct 10 j 09:54	14°♎19'41	
desc. node	-1511 Oct 21 j 13:21	28°♎19'25	
	-1511 Oct 22 j 21:24	0°♏	
	-1511 Nov 15 j 20:06	0°♐	
	-1511 Dec 09 j 21:35	0°♑	
	-1510 Jan 03 j 04:03	0°♒	
	-1510 Jan 27 j 19:43	0°♓	
asc. node	-1510 Feb 11 j 14:30	17°♓37'48	
	-1510 Feb 22 j 04:00	0°♈	
	-1510 Mar 20 j 19:23	0°♉	
evening max el	-1510 Apr 13 j 21:03	24°♉43'03	45°14'12
	-1510 Apr 19 j 12:58	0°♊	
greatest brilliancy	-1510 May 21 j 12:51	22°♊00'48	-4.7m
retrograde	-1510 Jun 01 j 04:18	24°♊01'25	
desc. node	-1510 Jun 03 j 05:48	23°♊56'30	
evening set	-1510 Jun 16 j 09:23	19°♊38'12	
inferior conj	-1510 Jun 22 j 13:30	15°♊58'38	-4°20'12

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

minimum elong	-1510 Jun 22 j 04:58	16°♊11'51	4°17'59
min. Earth dist.	-1510 Jun 22 j 19:15	15°♊49'44	0.28667 AU
morning rise	-1510 Jun 28 j 00:10	12°♊42'16	
direct	-1510 Jul 14 j 05:07	7°♊45'13	
greatest brilliancy	-1510 Jul 25 j 00:55	9°♊52'06	-4.8m
	-1510 Aug 23 j 09:25	0°♋	
morning max el	-1510 Sep 01 j 22:53	9°♋05'18	46°24'42
	-1510 Sep 21 j 19:43	0°♌	
asc. node	-1510 Sep 24 j 07:28	2°♌45'50	
	-1510 Oct 17 j 21:54	0°♍	
	-1510 Nov 11 j 18:40	0°♎	
	-1510 Dec 06 j 03:41	0°♏	
	-1510 Dec 30 j 09:15	0°♐	
desc. node	-1509 Jan 13 j 22:57	18°♐02'28	
	-1509 Jan 23 j 14:57	0°♑	
	-1509 Feb 16 j 21:56	0°♒	
morning set	-1509 Mar 09 j 09:27	25°♒14'18	
	-1509 Mar 13 j 06:19	0°♓	
	-1509 Apr 06 j 15:56	0°♈	
superior conj	-1509 Apr 15 j 15:59	11°♈03'14	-0°47'28
minimum elong	-1509 Apr 16 j 00:16	11°♈28'39	0°47'07
max. Earth dist.	-1509 Apr 16 j 02:50	11°♈36'31	1.73615 AU
	-1509 May 01 j 02:21	0°♉	
asc. node	-1509 May 07 j 00:28	7°♉16'06	
evening rise	-1509 May 21 j 23:27	25°♉37'33	
	-1509 May 25 j 12:58	0°♊	
	-1509 Jun 18 j 23:29	0°♋	
	-1509 Jul 13 j 10:28	0°♌	
	-1509 Aug 06 j 23:26	0°♍	
desc. node	-1509 Aug 26 j 15:23	23°♍53'30	
	-1509 Aug 31 j 16:37	0°♎	
	-1509 Sep 25 j 17:22	0°♏	
	-1509 Oct 21 j 09:04	0°♐	
	-1509 Nov 17 j 14:14	0°♑	
evening max el	-1509 Nov 20 j 15:13	3°♑08'35	47°19'21
asc. node	-1509 Dec 17 j 16:53	27°♑22'01	
	-1509 Dec 21 j 14:25	0°♒	
greatest brilliancy	-1509 Dec 31 j 00:02	4°♒53'04	-4.9m
retrograde	-1508 Jan 10 j 15:21	7°♒02'46	
evening set	-1508 Jan 27 j 21:54	1°♒10'41	
	-1508 Jan 29 j 19:27	30°℞♑	
min. Earth dist.	-1508 Jan 30 j 20:05	29°♑21'01	0.28073 AU
inferior conj	-1508 Jan 31 j 16:52	28°♑47'59	8°15'06
minimum elong	-1508 Jan 31 j 11:49	28°♑56'01	8°14'40
morning rise	-1508 Feb 04 j 02:03	26°♑40'52	
direct	-1508 Feb 21 j 14:59	20°♑45'36	
greatest brilliancy	-1508 Mar 01 j 11:45	22°♑13'08	-4.8m
	-1508 Mar 16 j 13:47	0°♒	
desc. node	-1508 Apr 07 j 08:12	17°♒56'03	
morning max el	-1508 Apr 10 j 13:12	20°♒58'22	45°54'40
	-1508 Apr 19 j 16:51	0°♓	
	-1508 May 17 j 19:45	0°♈	
	-1508 Jun 13 j 05:07	0°♉	
	-1508 Jul 08 j 16:13	0°♊	
asc. node	-1508 Jul 29 j 09:54	25°♊01'53	
	-1508 Aug 02 j 11:36	0°♋	
	-1508 Aug 26 j 19:09	0°♌	
	-1508 Sep 19 j 18:48	0°♍	
greatest brilliancy	-1508 Sep 28 j 15:53	11°♍09'55	-3.9m
morning set	-1508 Oct 05 j 07:40	19°♍33'06	
	-1508 Oct 13 j 14:32	0°♎	
	-1508 Nov 06 j 09:33	0°♏	
superior conj	-1508 Nov 15 j 05:17	11°♏06'49	0°06'43
minimum elong	-1508 Nov 15 j 07:06	11°♏12'32	0°06'37
behind sun begin	-1508 Nov 14 j 06:17	9°♏54'23	
behind sun end	-1508 Nov 16 j 07:56	12°♏30'40	
max. Earth dist.	-1508 Nov 17 j 18:04	14°♏18'03	1.71021 AU
desc. node	-1508 Nov 18 j 01:19	14°♏40'51	
	-1508 Nov 30 j 05:45	0°♐	
	-1508 Dec 24 j 04:05	0°♑	
evening rise	-1508 Dec 27 j 06:58	3°♑54'02	
	-1507 Jan 17 j 05:29	0°♒	
	-1507 Feb 10 j 11:28	0°♓	
	-1507 Mar 07 j 00:19	0°♈	
asc. node	-1507 Mar 11 j 02:34	4°♈57'51	
	-1507 Mar 31 j 22:53	0°♉	
	-1507 Apr 26 j 11:31	0°♊	
	-1507 May 22 j 23:12	0°♋	
	-1507 Jun 20 j 12:06	0°♌	
evening max el	-1507 Jun 24 j 09:20	3°♌46'20	45°47'26
desc. node	-1507 Jun 30 j 17:40	9°♌42'17	
	-1507 Jul 28 j 08:11	0°♍	
greatest brilliancy	-1507 Aug 03 j 10:08	2°♍29'06	-4.8m
retrograde	-1507 Aug 12 j 13:34	4°♍00'59	
	-1507 Aug 27 j 00:34	30°℞♌	
evening set	-1507 Aug 30 j 12:30	28°♌02'56	
inferior conj	-1507 Sep 02 j 11:41	26°♌16'08	-8°46'09
minimum elong	-1507 Sep 02 j 15:20	26°♌10'34	8°45'56
min. Earth dist.	-1507 Sep 03 j 04:12	25°♌51'02	0.27407 AU
morning rise	-1507 Sep 05 j 17:57	24°♌18'21	
direct	-1507 Sep 23 j 08:41	18°♌23'39	
greatest brilliancy	-1507 Oct 04 j 10:35	20°♌41'21	-4.9m
	-1507 Oct 20 j 02:54	0°♍	
asc. node	-1507 Oct 21 j 19:12	1°♍17'47	
morning max el	-1507 Nov 13 j 04:17	21°♍54'17	46°54'36
	-1507 Nov 20 j 21:39	0°♎	
	-1507 Dec 17 j 15:38	0°♏	
	-1506 Jan 12 j 02:41	0°♐	
	-1506 Feb 06 j 02:53	0°♑	
desc. node	-1506 Feb 10 j 10:40	5°♑12'47	
	-1506 Mar 02 j 22:48	0°♒	
	-1506 Mar 27 j 16:36	0°♓	
	-1506 Apr 21 j 08:40	0°♈	
	-1506 May 15 j 22:32	0°♉	
morning set	-1506 May 16 j 15:04	0°♉50'36	
asc. node	-1506 Jun 03 j 12:22	22°♉46'37	
	-1506 Jun 09 j 09:22	0°♊	
max. Earth dist.	-1506 Jun 18 j 08:19	11°♊01'59	1.73261 AU
superior conj	-1506 Jun 21 j 17:40	15°♊12'57	0°41'16
minimum elong	-1506 Jun 21 j 10:23	14°♊50'29	0°40'59
	-1506 Jul 03 j 16:43	0°♋	
evening rise	-1506 Jul 27 j 15:16	29°♋42'07	
	-1506 Jul 27 j 21:01	0°♌	
	-1506 Aug 20 j 23:44	0°♍	
	-1506 Sep 14 j 02:34	0°♎	
desc. node	-1506 Sep 23 j 03:27	11°♎13'28	
	-1506 Oct 08 j 07:05	0°♏	
	-1506 Nov 01 j 14:56	0°♐	
	-1506 Nov 26 j 05:26	0°♑	
	-1506 Dec 21 j 10:26	0°♒	
asc. node	-1505 Jan 14 j 04:37	26°♒53'58	
	-1505 Jan 17 j 01:20	0°♓	
evening max el	-1505 Jan 30 j 17:07	14°♓10'00	46°05'52
	-1505 Feb 17 j 00:52	0°♈	
greatest brilliancy	-1505 Mar 10 j 08:49	13°♈21'57	-4.8m
retrograde	-1505 Mar 21 j 04:51	15°♈31'08	
evening set	-1505 Apr 06 j 12:20	10°♈20'59	
inferior conj	-1505 Apr 11 j 14:49	7°♈12'48	5°12'01
minimum elong	-1505 Apr 11 j 23:48	6°♈58'37	5°10'00
min. Earth dist.	-1505 Apr 11 j 22:34	7°♈00'33	0.29121 AU
morning rise	-1505 Apr 17 j 11:20	3°♈38'47	

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

	-1505 Apr 25 j 15:23	30°℞♓	
direct	-1505 May 03 j 06:10	28°♓50'33	
desc. node	-1505 May 05 j 19:56	28°♓58'11	
	-1505 May 11 j 04:26	0°♈	
greatest brilliancy	-1505 May 13 j 13:22	0°♈45'21	-4.7m
morning max el	-1505 Jun 21 j 03:49	28°♈41'49	45°49'37
	-1505 Jun 22 j 12:24	0°♉	
	-1505 Jul 21 j 06:31	0°♊	
	-1505 Aug 16 j 13:00	0°♋	
asc. node	-1505 Aug 26 j 21:45	12°♋16'29	
	-1505 Sep 10 j 14:20	0°♌	
	-1505 Oct 04 j 23:01	0°♍	
	-1505 Oct 28 j 23:08	0°♎	
	-1505 Nov 21 j 20:16	0°♏	
	-1505 Dec 15 j 17:47	0°♐	
desc. node	-1505 Dec 16 j 13:07	1°♐00'32	
morning set	-1505 Dec 22 j 04:28	8°♐04'25	
	-1504 Jan 08 j 17:16	0°♑	
superior conj	-1504 Feb 01 j 12:01	29°♑37'31	-1°21'50
minimum elong	-1504 Feb 01 j 06:22	29°♑19'57	1°21'47
	-1504 Feb 01 j 19:15	0°♒	
max. Earth dist.	-1504 Feb 05 j 08:54	4°♒26'04	1.72340 AU
	-1504 Feb 26 j 00:07	0°♓	
evening rise	-1504 Mar 11 j 13:10	17°♓56'52	
	-1504 Mar 21 j 08:22	0°♈	
asc. node	-1504 Apr 07 j 14:37	21°♈09'12	
	-1504 Apr 14 j 20:31	0°♉	
	-1504 May 09 j 13:07	0°♊	
	-1504 Jun 03 j 11:13	0°♋	
	-1504 Jun 28 j 17:26	0°♌	
	-1504 Jul 24 j 13:26	0°♍	
desc. node	-1504 Jul 28 j 05:23	4°♍10'30	
	-1504 Aug 20 j 12:58	0°♎	
evening max el	-1504 Sep 06 j 03:27	17°♎12'24	47°07'21
	-1504 Sep 19 j 18:18	0°♏	
greatest brilliancy	-1504 Oct 16 j 20:48	17°♏57'00	-4.9m
retrograde	-1504 Oct 26 j 14:04	19°♏44'10	
evening set	-1504 Nov 09 j 23:56	15°♏34'41	
inferior conj	-1504 Nov 16 j 01:48	12°♏00'26	-0°34'31
minimum elong	-1504 Nov 16 j 03:07	11°♏58'26	0°34'06
min. Earth dist.	-1504 Nov 15 j 18:23	12°♏11'47	0.26345 AU
asc. node	-1504 Nov 18 j 07:00	10°♏39'45	
morning rise	-1504 Nov 22 j 06:41	8°♏23'55	
direct	-1504 Dec 06 j 08:49	4°♏25'57	
greatest brilliancy	-1504 Dec 16 j 03:52	6°♏16'23	-4.9m
	-1503 Jan 18 j 08:50	0°♐	
morning max el	-1503 Jan 25 j 11:58	6°♐54'59	46°34'45
	-1503 Feb 16 j 12:05	0°♑	
desc. node	-1503 Mar 09 j 22:38	23°♑57'10	
	-1503 Mar 15 j 05:40	0°♒	
	-1503 Apr 10 j 01:46	0°♓	
	-1503 May 05 j 10:19	0°♈	
	-1503 May 30 j 10:32	0°♉	
	-1503 Jun 24 j 03:10	0°♊	
asc. node	-1503 Jul 01 j 00:10	8°♊25'08	
	-1503 Jul 18 j 12:30	0°♋	
morning set	-1503 Jul 23 j 04:51	5°♋47'54	
	-1503 Aug 11 j 15:34	0°♌	
max. Earth dist.	-1503 Aug 26 j 01:46	18°♌03'06	1.71673 AU
superior conj	-1503 Aug 29 j 10:26	22°♌15'54	1°23'57
minimum elong	-1503 Aug 29 j 12:30	22°♌22'24	1°23'57
	-1503 Sep 04 j 14:24	0°♍	
	-1503 Sep 28 j 11:26	0°♎	
evening rise	-1503 Oct 07 j 20:31	11°♎46'59	
desc. node	-1503 Oct 20 j 15:30	27°♎50'44	
	-1503 Oct 22 j 08:43	0°♏	
	-1503 Nov 15 j 07:34	0°♐	
	-1503 Dec 09 j 09:13	0°♑	
	-1502 Jan 02 j 15:56	0°♒	
	-1502 Jan 27 j 08:09	0°♓	
asc. node	-1502 Feb 10 j 16:37	17°♓05'36	
	-1502 Feb 21 j 17:37	0°♈	
	-1502 Mar 20 j 11:47	0°♉	
evening max el	-1502 Apr 11 j 11:58	22°♉30'20	45°14'26
	-1502 Apr 19 j 14:52	0°♊	
greatest brilliancy	-1502 May 19 j 04:27	19°♊50'31	-4.7m
retrograde	-1502 May 29 j 19:19	21°♊51'05	
desc. node	-1502 Jun 02 j 07:53	21°♊36'40	
evening set	-1502 Jun 13 j 23:36	17°♊29'32	
inferior conj	-1502 Jun 20 j 05:20	13°♊47'51	-4°02'18
minimum elong	-1502 Jun 19 j 21:14	14°♊00'24	4°00'10
min. Earth dist.	-1502 Jun 20 j 11:36	13°♊38'08	0.28696 AU
morning rise	-1502 Jun 25 j 18:22	10°♊27'46	
direct	-1502 Jul 11 j 20:43	5°♊33'47	
greatest brilliancy	-1502 Jul 22 j 17:25	7°♊40'49	-4.8m
	-1502 Aug 23 j 11:39	0°♋	
morning max el	-1502 Aug 30 j 12:42	6°♋45'36	46°23'15
	-1502 Sep 21 j 12:44	0°♌	
asc. node	-1502 Sep 23 j 09:42	2°♌05'26	
	-1502 Oct 17 j 12:09	0°♍	
	-1502 Nov 11 j 07:40	0°♎	
	-1502 Dec 05 j 16:01	0°♏	
	-1502 Dec 29 j 21:08	0°♐	
desc. node	-1501 Jan 13 j 00:55	17°♐32'27	
	-1501 Jan 23 j 02:30	0°♑	
	-1501 Feb 16 j 09:10	0°♒	
morning set	-1501 Mar 07 j 01:02	23°♒00'28	
	-1501 Mar 12 j 17:20	0°♓	
	-1501 Apr 06 j 02:49	0°♈	
superior conj	-1501 Apr 13 j 09:56	8°♈57'41	-0°50'02
minimum elong	-1501 Apr 13 j 18:28	9°♈23'54	0°49'42
max. Earth dist.	-1501 Apr 13 j 22:48	9°♈37'10	1.73595 AU
	-1501 Apr 30 j 13:13	0°♉	
asc. node	-1501 May 06 j 02:34	6°♉49'11	
evening rise	-1501 May 19 j 18:46	23°♉36'00	
	-1501 May 24 j 23:56	0°♊	
	-1501 Jun 18 j 10:41	0°♋	
	-1501 Jul 12 j 22:03	0°♌	
	-1501 Aug 06 j 11:33	0°♍	
desc. node	-1501 Aug 25 j 17:31	23°♍21'28	
	-1501 Aug 31 j 05:32	0°♎	
	-1501 Sep 25 j 07:30	0°♏	
	-1501 Oct 21 j 01:22	0°♐	
	-1501 Nov 17 j 11:57	0°♑	
evening max el	-1501 Nov 18 j 04:54	0°♑43'30	47°20'50
asc. node	-1501 Dec 16 j 18:53	26°♑02'10	
	-1501 Dec 23 j 04:53	0°♒	
greatest brilliancy	-1501 Dec 28 j 16:14	2°♒33'53	-4.9m
retrograde	-1500 Jan 08 j 06:34	4°♒43'15	
	-1500 Jan 23 j 14:38	30°℞♑	
evening set	-1500 Jan 25 j 10:20	28°♑55'41	
min. Earth dist.	-1500 Jan 28 j 10:37	27°♑03'07	0.28003 AU
inferior conj	-1500 Jan 29 j 07:56	26°♑29'16	8°09'33
minimum elong	-1500 Jan 29 j 02:12	26°♑38'24	8°09'00
morning rise	-1500 Feb 01 j 18:23	24°♑20'23	
direct	-1500 Feb 19 j 04:38	18°♑27'51	
greatest brilliancy	-1500 Feb 28 j 02:05	19°♑55'52	-4.8m
	-1500 Mar 17 j 09:40	0°♒	
desc. node	-1500 Apr 06 j 10:18	17°♒04'12	
morning max el	-1500 Apr 08 j 03:35	18°♒42'34	45°55'49
	-1500 Apr 19 j 12:27	0°♓	

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

	-1500 May 17 j 10:41	0°♈	
	-1500 Jun 12 j 18:10	0°♉	
	-1500 Jul 08 j 04:20	0°♊	
asc. node	-1500 Jul 28 j 12:01	24°♊32'43	
	-1500 Aug 01 j 23:14	0°♋	
	-1500 Aug 26 j 06:33	0°♌	
	-1500 Sep 19 j 06:07	0°♍	
greatest brilliancy	-1500 Sep 28 j 03:32	11°♍11'02	-3.9m
morning set	-1500 Oct 02 j 19:59	17°♍05'05	
	-1500 Oct 13 j 01:50	0°♎	
	-1500 Nov 05 j 20:52	0°♏	
superior conj	-1500 Nov 12 j 14:25	8°♏28'52	0°10'44
minimum elong	-1500 Nov 12 j 17:18	8°♏37'58	0°10'34
behind sun begin	-1500 Nov 11 j 20:33	7°♏32'36	
behind sun end	-1500 Nov 13 j 14:04	9°♏43'19	
max. Earth dist.	-1500 Nov 14 j 22:26	11°♏25'13	1.71005 AU
desc. node	-1500 Nov 17 j 03:19	14°♏11'37	
	-1500 Nov 29 j 17:03	0°♐	
	-1500 Dec 23 j 15:24	0°♑	
evening rise	-1500 Dec 24 j 17:02	1°♑20'07	
	-1499 Jan 16 j 16:51	0°♒	
	-1499 Feb 09 j 22:58	0°♓	
	-1499 Mar 06 j 12:05	0°♈	
asc. node	-1499 Mar 10 j 04:45	4°♈28'37	
	-1499 Mar 31 j 11:13	0°♉	
	-1499 Apr 26 j 00:59	0°♊	
	-1499 May 22 j 15:04	0°♋	
	-1499 Jun 20 j 10:33	0°♌	
evening max el	-1499 Jun 21 j 23:24	1°♌28'42	45°45'03
desc. node	-1499 Jun 29 j 19:38	8°♌45'06	
	-1499 Jul 31 j 14:36	0°♍	
greatest brilliancy	-1499 Jul 31 j 21:02	0°♍05'17	-4.8m
retrograde	-1499 Aug 10 j 02:54	1°♍38'44	
	-1499 Aug 19 j 05:31	30°℞♌	
evening set	-1499 Aug 28 j 02:06	25°♌39'13	
inferior conj	-1499 Aug 31 j 00:53	23°♌52'57	-8°48'52
minimum elong	-1499 Aug 31 j 03:40	23°♌48'43	8°48'45
min. Earth dist.	-1499 Aug 31 j 16:43	23°♌28'55	0.27470 AU
morning rise	-1499 Sep 03 j 05:03	21°♌58'21	
direct	-1499 Sep 20 j 23:11	15°♌59'29	
greatest brilliancy	-1499 Oct 02 j 00:21	18°♌16'50	-4.9m
asc. node	-1499 Oct 20 j 21:16	0°♍04'31	
	-1499 Oct 20 j 19:02	0°♍	
morning max el	-1499 Nov 10 j 19:17	19°♍31'23	46°54'20
	-1499 Nov 20 j 17:47	0°♎	
	-1499 Dec 17 j 07:24	0°♏	
	-1498 Jan 11 j 16:32	0°♐	
	-1498 Feb 05 j 15:38	0°♑	
desc. node	-1498 Feb 09 j 12:53	4°♑41'22	
	-1498 Mar 02 j 10:52	0°♒	
	-1498 Mar 27 j 04:11	0°♓	
	-1498 Apr 20 j 19:55	0°♈	
morning set	-1498 May 14 j 09:54	28°♈47'37	
	-1498 May 15 j 09:33	0°♉	
asc. node	-1498 Jun 02 j 14:24	22°♉19'15	
	-1498 Jun 08 j 20:18	0°♊	
max. Earth dist.	-1498 Jun 16 j 06:52	9°♊09'50	1.73297 AU
superior conj	-1498 Jun 19 j 12:26	13°♊09'01	0°38'32
minimum elong	-1498 Jun 19 j 05:31	12°♊47'41	0°38'16
	-1498 Jul 03 j 03:40	0°♋	
evening rise	-1498 Jul 25 j 09:02	27°♋33'43	
	-1498 Jul 27 j 08:08	0°♌	
	-1498 Aug 20 j 11:05	0°♍	
	-1498 Sep 13 j 14:15	0°♎	
desc. node	-1498 Sep 22 j 05:35	10°♎43'24	
	-1498 Oct 07 j 19:09	0°♏	
	-1498 Nov 01 j 03:31	0°♐	
	-1498 Nov 25 j 18:48	0°♑	
	-1498 Dec 21 j 01:15	0°♒	
asc. node	-1497 Jan 13 j 06:45	26°♒11'41	
	-1497 Jan 16 j 19:39	0°♓	
evening max el	-1497 Jan 28 j 09:26	11°♓57'11	46°08'42
	-1497 Feb 17 j 10:55	0°♈	
greatest brilliancy	-1497 Mar 08 j 01:45	11°♈12'58	-4.8m
retrograde	-1497 Mar 18 j 22:07	13°♈22'06	
evening set	-1497 Apr 04 j 07:41	8°♈08'17	
inferior conj	-1497 Apr 09 j 07:34	5°♈03'25	5°27'01
minimum elong	-1497 Apr 09 j 16:42	4°♈48'59	5°25'02
min. Earth dist.	-1497 Apr 09 j 14:28	4°♈52'30	0.29114 AU
morning rise	-1497 Apr 15 j 01:53	1°♈32'27	
	-1497 Apr 17 j 23:32	30°℞♓	
direct	-1497 Apr 30 j 23:10	26°♓41'33	
desc. node	-1497 May 04 j 22:00	26°♓59'23	
greatest brilliancy	-1497 May 11 j 03:56	28°♓34'31	-4.7m
	-1497 May 14 j 16:58	0°♈	
morning max el	-1497 Jun 18 j 20:27	26°♈33'20	45°49'03
	-1497 Jun 22 j 09:54	0°♉	
	-1497 Jul 20 j 22:00	0°♊	
	-1497 Aug 16 j 02:21	0°♋	
asc. node	-1497 Aug 25 j 23:59	11°♋44'42	
	-1497 Sep 10 j 02:43	0°♌	
	-1497 Oct 04 j 10:56	0°♍	
	-1497 Oct 28 j 10:48	0°♎	
	-1497 Nov 21 j 07:47	0°♏	
	-1497 Dec 15 j 05:12	0°♐	
desc. node	-1497 Dec 15 j 15:09	0°♐31'11	
morning set	-1497 Dec 19 j 14:08	5°♐28'45	
	-1496 Jan 08 j 04:34	0°♑	
superior conj	-1496 Jan 30 j 00:13	27°♑11'24	-1°20'47
minimum elong	-1496 Jan 29 j 17:44	26°♑51'15	1°20'43
	-1496 Feb 01 j 06:27	0°♒	
max. Earth dist.	-1496 Feb 03 j 01:13	2°♒12'55	1.72281 AU
	-1496 Feb 25 j 11:14	0°♓	
evening rise	-1496 Mar 09 j 04:16	15°♓41'18	
	-1496 Mar 20 j 19:29	0°♈	
asc. node	-1496 Apr 06 j 16:40	20°♈41'09	
	-1496 Apr 14 j 07:47	0°♉	
	-1496 May 09 j 00:44	0°♊	
	-1496 Jun 02 j 23:27	0°♋	
	-1496 Jun 28 j 06:40	0°♌	
	-1496 Jul 24 j 04:30	0°♍	
desc. node	-1496 Jul 27 j 07:36	3°♍33'06	
	-1496 Aug 20 j 08:00	0°♎	
evening max el	-1496 Sep 03 j 17:04	14°♎48'19	47°04'55
	-1496 Sep 20 j 03:31	0°♏	
greatest brilliancy	-1496 Oct 14 j 10:37	15°♏28'19	-4.9m
retrograde	-1496 Oct 24 j 01:57	17°♏13'25	
evening set	-1496 Nov 07 j 13:25	13°♏03'11	
inferior conj	-1496 Nov 13 j 13:59	9°♏30'41	-0°59'00
minimum elong	-1496 Nov 13 j 16:13	9°♏27'17	0°58'18
min. Earth dist.	-1496 Nov 13 j 08:16	9°♏39'25	0.26336 AU
asc. node	-1496 Nov 17 j 09:02	7°♏14'06	
morning rise	-1496 Nov 19 j 19:19	5°♏53'19	
direct	-1496 Dec 03 j 20:54	1°♏56'28	
greatest brilliancy	-1496 Dec 13 j 17:49	3°♏48'08	-4.9m
	-1495 Jan 18 j 11:10	0°♐	
morning max el	-1495 Jan 23 j 00:19	4°♐27'43	46°36'02
	-1495 Feb 16 j 05:34	0°♑	
desc. node	-1495 Mar 09 j 00:45	23°♑20'51	
	-1495 Mar 14 j 20:04	0°♒	
	-1495 Apr 09 j 14:37	0°♓	

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

	-1495 May 04 j 22:17	0°♈	
	-1495 May 29 j 21:58	0°♉	
	-1495 Jun 23 j 14:18	0°♊	
asc. node	-1495 Jun 30 j 02:16	7°♊57'38	
	-1495 Jul 17 j 23:30	0°♋	
morning set	-1495 Jul 20 j 21:49	3°♋37'44	
	-1495 Aug 11 j 02:32	0°♌	
max. Earth dist.	-1495 Aug 23 j 13:29	15°♌35'03	1.71726 AU
superior conj	-1495 Aug 27 j 01:48	19°♌59'12	1°24'14
minimum elong	-1495 Aug 27 j 03:03	20°♌03'10	1°24'15
	-1495 Sep 04 j 01:23	0°♍	
	-1495 Sep 27 j 22:31	0°♎	
evening rise	-1495 Oct 05 j 07:54	9°♎17'00	
desc. node	-1495 Oct 19 j 17:31	27°♎21'47	
	-1495 Oct 21 j 19:58	0°♏	
	-1495 Nov 14 j 19:00	0°♐	
	-1495 Dec 08 j 20:53	0°♑	
	-1494 Jan 02 j 03:56	0°♒	
	-1494 Jan 26 j 20:45	0°♓	
asc. node	-1494 Feb 09 j 18:47	16°♓33'01	
	-1494 Feb 21 j 07:30	0°♈	
	-1494 Mar 20 j 04:40	0°♉	
evening max el	-1494 Apr 09 j 02:30	20°♉16'27	45°15'00
	-1494 Apr 19 j 18:25	0°♊	
greatest brilliancy	-1494 May 16 j 19:38	17°♊39'48	-4.7m
retrograde	-1494 May 27 j 10:44	19°♊41'06	
desc. node	-1494 Jun 01 j 09:53	19°♊12'15	
evening set	-1494 Jun 11 j 14:02	15°♊20'38	
inferior conj	-1494 Jun 17 j 21:12	11°♊37'15	-3°44'12
minimum elong	-1494 Jun 17 j 13:34	11°♊49'05	3°42'09
min. Earth dist.	-1494 Jun 18 j 03:54	11°♊26'52	0.28722 AU
morning rise	-1494 Jun 23 j 12:32	8°♊13'48	
direct	-1494 Jul 09 j 12:10	3°♊22'26	
greatest brilliancy	-1494 Jul 20 j 10:08	5°♊30'11	-4.8m
	-1494 Aug 23 j 12:26	0°♋	
morning max el	-1494 Aug 28 j 03:32	4°♋28'54	46°21'58
	-1494 Sep 21 j 05:16	0°♌	
asc. node	-1494 Sep 22 j 11:40	1°♌25'11	
	-1494 Oct 17 j 02:05	0°♍	
	-1494 Nov 10 j 20:25	0°♎	
	-1494 Dec 05 j 04:07	0°♏	
	-1494 Dec 29 j 08:50	0°♐	
desc. node	-1493 Jan 12 j 03:06	17°♐03'40	
	-1493 Jan 22 j 13:53	0°♑	
	-1493 Feb 15 j 20:19	0°♒	
morning set	-1493 Mar 04 j 16:01	20°♒44'53	
	-1493 Mar 12 j 04:17	0°♓	
	-1493 Apr 05 j 13:39	0°♈	
superior conj	-1493 Apr 11 j 03:21	6°♈50'37	-0°52'35
minimum elong	-1493 Apr 11 j 12:08	7°♈17'34	0°52'15
max. Earth dist.	-1493 Apr 11 j 17:19	7°♈33'30	1.73574 AU
	-1493 Apr 30 j 00:01	0°♉	
asc. node	-1493 May 05 j 04:34	6°♉22'11	
evening rise	-1493 May 17 j 13:41	21°♉33'33	
	-1493 May 24 j 10:49	0°♊	
	-1493 Jun 17 j 21:46	0°♋	
	-1493 Jul 12 j 09:30	0°♌	
	-1493 Aug 05 j 23:34	0°♍	
desc. node	-1493 Aug 24 j 19:38	22°♍49'46	
	-1493 Aug 30 j 18:20	0°♎	
	-1493 Sep 24 j 21:32	0°♏	
	-1493 Oct 20 j 17:38	0°♐	
evening max el	-1493 Nov 15 j 19:25	28°♐21'39	47°22'20
	-1493 Nov 17 j 10:03	0°♑	
asc. node	-1493 Dec 15 j 20:59	24°♑41'15	
	-1493 Dec 25 j 16:46	0°♒	
greatest brilliancy	-1493 Dec 26 j 07:46	0°♒14'58	-4.9m
retrograde	-1492 Jan 05 j 22:14	2°♒24'52	
	-1492 Jan 16 j 16:49	30°♑	
evening set	-1492 Jan 22 j 22:36	26°♑41'46	
min. Earth dist.	-1492 Jan 26 j 00:53	24°♑46'32	0.27938 AU
inferior conj	-1492 Jan 26 j 23:03	24°♑11'27	8°03'11
minimum elong	-1492 Jan 26 j 16:40	24°♑21'34	8°02'29
morning rise	-1492 Jan 30 j 11:04	22°♑00'30	
direct	-1492 Feb 16 j 18:38	16°♑10'55	
greatest brilliancy	-1492 Feb 25 j 16:10	17°♑39'12	-4.8m
	-1492 Mar 18 j 00:08	0°♒	
desc. node	-1492 Apr 05 j 12:20	16°♒13'47	
morning max el	-1492 Apr 05 j 19:00	16°♒29'47	45°56'46
	-1492 Apr 19 j 07:19	0°♓	
	-1492 May 17 j 01:17	0°♈	
	-1492 Jun 12 j 06:58	0°♉	
	-1492 Jul 07 j 16:12	0°♊	
asc. node	-1492 Jul 27 j 14:12	24°♊04'34	
	-1492 Aug 01 j 10:35	0°♋	
	-1492 Aug 25 j 17:40	0°♌	
	-1492 Sep 18 j 17:08	0°♍	
greatest brilliancy	-1492 Sep 27 j 11:06	11°♍00'11	-3.9m
morning set	-1492 Sep 30 j 08:32	14°♍38'45	
	-1492 Oct 12 j 12:51	0°♎	
	-1492 Nov 05 j 07:53	0°♏	
superior conj	-1492 Nov 09 j 23:48	5°♏52'33	0°14'41
minimum elong	-1492 Nov 10 j 03:44	6°♏04'57	0°14'29
behind sun begin	-1492 Nov 09 j 15:06	5°♏25'08	
behind sun end	-1492 Nov 10 j 16:22	6°♏44'45	
max. Earth dist.	-1492 Nov 12 j 05:38	8°♏42'05	1.70989 AU
desc. node	-1492 Nov 16 j 05:25	13°♏43'35	
	-1492 Nov 29 j 04:03	0°♐	
evening rise	-1492 Dec 22 j 03:20	28°♐47'54	
	-1492 Dec 23 j 02:23	0°♑	
	-1491 Jan 16 j 03:53	0°♒	
	-1491 Feb 09 j 10:08	0°♓	
	-1491 Mar 05 j 23:33	0°♈	
asc. node	-1491 Mar 09 j 06:45	3°♈59'47	
	-1491 Mar 30 j 23:19	0°♉	
	-1491 Apr 25 j 14:18	0°♊	
	-1491 May 22 j 06:58	0°♋	
evening max el	-1491 Jun 19 j 14:18	29°♋13'49	45°42'46
	-1491 Jun 20 j 09:41	0°♌	
desc. node	-1491 Jun 28 j 21:53	7°♌47'56	
greatest brilliancy	-1491 Jul 29 j 08:08	27°♌42'48	-4.8m
retrograde	-1491 Aug 07 j 16:05	29°♌17'27	
evening set	-1491 Aug 25 j 15:21	23°♌17'29	
inferior conj	-1491 Aug 28 j 14:08	21°♌31'00	-8°50'45
minimum elong	-1491 Aug 28 j 16:01	21°♌28'09	8°50'42
min. Earth dist.	-1491 Aug 29 j 05:09	21°♌08'11	0.27527 AU
morning rise	-1491 Aug 31 j 16:32	19°♌38'57	
direct	-1491 Sep 18 j 13:53	13°♌36'51	
greatest brilliancy	-1491 Sep 29 j 13:41	15°♌53'04	-4.9m
asc. node	-1491 Oct 19 j 23:22	28°♌54'31	
	-1491 Oct 21 j 06:38	0°♍	
morning max el	-1491 Nov 08 j 09:55	17°♍08'45	46°53'56
	-1491 Nov 20 j 12:56	0°♎	
	-1491 Dec 16 j 22:33	0°♏	
	-1490 Jan 11 j 05:51	0°♐	
	-1490 Feb 05 j 03:55	0°♑	
desc. node	-1490 Feb 08 j 14:59	4°♑10'57	
	-1490 Mar 01 j 22:29	0°♒	
	-1490 Mar 26 j 15:21	0°♓	
	-1490 Apr 20 j 06:46	0°♈	
morning set	-1490 May 12 j 04:39	26°♈45'30	

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

	-1490 May 14 j 20:14	0°♉	
asc. node	-1490 Jun 01 j 16:34	21°♉53'14	
	-1490 Jun 08 j 06:55	0°♊	
max. Earth dist.	-1490 Jun 14 j 03:20	7°♊12'11	1.73335 AU
superior conj	-1490 Jun 17 j 07:03	11°♊05'32	0°35'45
minimum elong	-1490 Jun 17 j 00:32	10°♊45'27	0°35'29
	-1490 Jul 02 j 14:21	0°♋	
evening rise	-1490 Jul 23 j 02:36	25°♋25'34	
	-1490 Jul 26 j 18:58	0°♌	
	-1490 Aug 19 j 22:09	0°♍	
	-1490 Sep 13 j 01:37	0°♎	
desc. node	-1490 Sep 21 j 07:35	10°♎13'55	
	-1490 Oct 07 j 06:54	0°♏	
	-1490 Oct 31 j 15:47	0°♐	
	-1490 Nov 25 j 07:53	0°♑	
	-1490 Dec 20 j 15:50	0°♒	
asc. node	-1489 Jan 12 j 08:58	25°♒30'22	
	-1489 Jan 16 j 13:59	0°♓	
evening max el	-1489 Jan 26 j 01:30	9°♓44'45	46°11'31
	-1489 Feb 17 j 23:42	0°♈	
greatest brilliancy	-1489 Mar 05 j 19:16	9°♈05'58	-4.8m
retrograde	-1489 Mar 16 j 14:59	11°♈14'24	
evening set	-1489 Apr 02 j 03:07	5°♈57'05	
inferior conj	-1489 Apr 07 j 00:25	2°♈55'35	5°41'29
minimum elong	-1489 Apr 07 j 09:37	2°♈40'59	5°39'33
min. Earth dist.	-1489 Apr 07 j 06:41	2°♈45'38	0.29106 AU
	-1489 Apr 11 j 17:58	30°℞♓	
morning rise	-1489 Apr 12 j 16:20	29°♓27'38	
direct	-1489 Apr 28 j 15:59	24°♓34'06	
desc. node	-1489 May 04 j 00:03	25°♓06'13	
greatest brilliancy	-1489 May 08 j 18:47	26°♓25'15	-4.7m
	-1489 May 16 j 15:13	0°♈	
morning max el	-1489 Jun 16 j 12:15	24°♈23'51	45°48'21
	-1489 Jun 22 j 06:17	0°♉	
	-1489 Jul 20 j 13:00	0°♊	
	-1489 Aug 15 j 15:23	0°♋	
asc. node	-1489 Aug 25 j 01:59	11°♋13'04	
	-1489 Sep 09 j 14:49	0°♌	
	-1489 Oct 03 j 22:34	0°♍	
	-1489 Oct 27 j 22:08	0°♎	
	-1489 Nov 20 j 18:57	0°♏	
desc. node	-1489 Dec 14 j 17:19	0°♐03'19	
	-1489 Dec 14 j 16:15	0°♐	
morning set	-1489 Dec 16 j 23:44	2°♐53'54	
	-1488 Jan 07 j 15:32	0°♑	
superior conj	-1488 Jan 27 j 12:22	24°♑46'07	-1°19'35
minimum elong	-1488 Jan 27 j 05:05	24°♑23'27	1°19'29
max. Earth dist.	-1488 Jan 31 j 16:43	29°♑58'08	1.72221 AU
	-1488 Jan 31 j 17:19	0°♒	
	-1488 Feb 24 j 22:01	0°♓	
evening rise	-1488 Mar 06 j 19:18	13°♓26'27	
	-1488 Mar 20 j 06:17	0°♈	
asc. node	-1488 Apr 05 j 18:46	20°♈14'14	
	-1488 Apr 13 j 18:44	0°♉	
	-1488 May 08 j 12:03	0°♊	
	-1488 Jun 02 j 11:25	0°♋	
	-1488 Jun 27 j 19:45	0°♌	
	-1488 Jul 23 j 19:35	0°♍	
desc. node	-1488 Jul 26 j 09:39	2°♍55'21	
	-1488 Aug 20 j 03:25	0°♎	
evening max el	-1488 Sep 01 j 05:45	12°♎22'19	47°02'26
	-1488 Sep 20 j 15:42	0°♏	
greatest brilliancy	-1488 Oct 12 j 00:50	13°♏00'20	-4.9m
retrograde	-1488 Oct 21 j 13:30	14°♏43'08	
evening set	-1488 Nov 05 j 02:58	10°♏31'35	
inferior conj	-1488 Nov 11 j 02:05	7°♏01'27	-1°23'28
minimum elong	-1488 Nov 11 j 05:14	6°♏56'38	1°22'29
min. Earth dist.	-1488 Nov 10 j 22:23	7°♏07'07	0.26327 AU
asc. node	-1488 Nov 16 j 11:12	3°♏51'02	
morning rise	-1488 Nov 17 j 07:38	3°♏23'32	
	-1488 Nov 26 j 04:48	30°℞♎	
direct	-1488 Dec 01 j 08:26	29°♎27'13	
	-1488 Dec 06 j 14:56	0°♏	
greatest brilliancy	-1488 Dec 11 j 08:10	1°♏20'56	-4.9m
	-1487 Jan 18 j 11:49	0°♐	
morning max el	-1487 Jan 20 j 12:29	2°♐00'34	46°37'24
	-1487 Feb 15 j 22:22	0°♑	
desc. node	-1487 Mar 08 j 02:43	22°♑45'17	
	-1487 Mar 14 j 10:02	0°♒	
	-1487 Apr 09 j 03:07	0°♓	
	-1487 May 04 j 09:56	0°♈	
	-1487 May 29 j 09:07	0°♉	
	-1487 Jun 23 j 01:11	0°♊	
asc. node	-1487 Jun 29 j 04:28	7°♊31'08	
	-1487 Jul 17 j 10:17	0°♋	
morning set	-1487 Jul 18 j 14:55	1°♋28'37	
	-1487 Aug 10 j 13:20	0°♌	
max. Earth dist.	-1487 Aug 21 j 03:19	13°♌14'05	1.71788 AU
superior conj	-1487 Aug 24 j 17:06	17°♌42'45	1°24'22
minimum elong	-1487 Aug 24 j 17:34	17°♌44'13	1°24'23
	-1487 Sep 03 j 12:17	0°♍	
	-1487 Sep 27 j 09:34	0°♎	
evening rise	-1487 Oct 02 j 19:06	6°♎46'39	
desc. node	-1487 Oct 18 j 19:37	26°♎53'18	
	-1487 Oct 21 j 07:10	0°♏	
	-1487 Nov 14 j 06:22	0°♐	
	-1487 Dec 08 j 08:26	0°♑	
	-1486 Jan 01 j 15:49	0°♒	
	-1486 Jan 26 j 09:17	0°♓	
asc. node	-1486 Feb 08 j 20:47	16°♓00'17	
	-1486 Feb 20 j 21:21	0°♈	
	-1486 Mar 19 j 21:41	0°♉	
evening max el	-1486 Apr 06 j 17:35	18°♉04'31	45°15'43
	-1486 Apr 19 j 23:31	0°♊	
greatest brilliancy	-1486 May 14 j 10:26	15°♊29'32	-4.7m
retrograde	-1486 May 25 j 02:46	17°♊32'16	
desc. node	-1486 May 31 j 12:06	16°♊44'10	
evening set	-1486 Jun 09 j 04:50	13°♊12'32	
inferior conj	-1486 Jun 15 j 13:12	9°♊27'40	-3°25'53
minimum elong	-1486 Jun 15 j 06:05	9°♊38'41	3°23'55
min. Earth dist.	-1486 Jun 15 j 20:06	9°♊17'00	0.28750 AU
morning rise	-1486 Jun 21 j 06:48	6°♊01'10	
direct	-1486 Jul 07 j 04:10	1°♊12'06	
greatest brilliancy	-1486 Jul 18 j 02:44	3°♊20'29	-4.8m
	-1486 Aug 23 j 11:52	0°♋	
morning max el	-1486 Aug 25 j 19:16	2°♋15'09	46°20'30
	-1486 Sep 20 j 21:27	0°♌	
asc. node	-1486 Sep 21 j 13:49	0°♌46'02	
	-1486 Oct 16 j 15:56	0°♍	
	-1486 Nov 10 j 09:12	0°♎	
	-1486 Dec 04 j 16:17	0°♏	
	-1486 Dec 28 j 20:34	0°♐	
desc. node	-1485 Jan 11 j 05:14	16°♐34'33	
	-1485 Jan 22 j 01:16	0°♑	
	-1485 Feb 15 j 07:25	0°♒	
morning set	-1485 Mar 02 j 06:50	18°♒28'45	
	-1485 Mar 11 j 15:12	0°♓	
	-1485 Apr 05 j 00:29	0°♈	
superior conj	-1485 Apr 08 j 20:50	4°♈43'44	-0°55'04
minimum elong	-1485 Apr 09 j 05:48	5°♈11'16	0°54'44

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.	-1485 Apr 09 j 13:14	5°♈34'05	1.73553 AU	
	-1485 Apr 29 j 10:50	0°♉		
asc. node	-1485 May 04 j 06:47	5°♉55'47		
evening rise	-1485 May 15 j 08:53	19°♉31'58		
	-1485 May 23 j 21:42	0°♊		
	-1485 Jun 17 j 08:52	0°♋		
	-1485 Jul 11 j 20:57	0°♌		
	-1485 Aug 05 j 11:36	0°♍		
desc. node	-1485 Aug 23 j 21:39	22°♍17'42		
	-1485 Aug 30 j 07:14	0°♎		
	-1485 Sep 24 j 11:46	0°♏		
	-1485 Oct 20 j 10:21	0°♐		
evening max el	-1485 Nov 13 j 10:58	26°♐01'38	47°23'37	
	-1485 Nov 17 j 09:23	0°♑		
asc. node	-1485 Dec 14 j 23:11	23°♑16'37		
greatest brilliancy	-1485 Dec 23 j 22:48	27°♑53'59	-4.9m	
	-1484 Jan 01 j 15:21	0°♒		
retrograde	-1484 Jan 03 j 14:05	0°♒04'41		
	-1484 Jan 05 j 12:23	30°℞♑		
evening set	-1484 Jan 20 j 10:27	24°♑26'21		
min. Earth dist.	-1484 Jan 23 j 14:42	22°♑28'28	0.27866 AU	
inferior conj	-1484 Jan 24 j 13:52	21°♑51'53	7°55'53	
minimum elong	-1484 Jan 24 j 06:54	22°♑02'54	7°55'03	
morning rise	-1484 Jan 28 j 03:43	19°♑38'33		
direct	-1484 Feb 14 j 08:49	13°♑52'28		
greatest brilliancy	-1484 Feb 23 j 05:29	15°♑20'31	-4.8m	
	-1484 Mar 18 j 11:14	0°♒		
morning max el	-1484 Apr 03 j 10:50	14°♒17'33	45°57'49	
desc. node	-1484 Apr 04 j 14:31	15°♒24'14		
	-1484 Apr 19 j 01:50	0°♓		
	-1484 May 16 j 15:49	0°♈		
	-1484 Jun 11 j 19:47	0°♉		
	-1484 Jul 07 j 04:08	0°♊		
asc. node	-1484 Jul 26 j 16:12	23°♊35'33		
	-1484 Jul 31 j 22:02	0°♋		
	-1484 Aug 25 j 04:52	0°♌		
	-1484 Sep 18 j 04:16	0°♍		
greatest brilliancy	-1484 Sep 26 j 15:59	10°♍40'37	-3.9m	
morning set	-1484 Sep 27 j 21:35	12°♍13'48		
	-1484 Oct 11 j 23:59	0°♎		
	-1484 Nov 04 j 19:03	0°♏		
superior conj	-1484 Nov 07 j 09:21	3°♏16'14	0°18'36	
minimum elong	-1484 Nov 07 j 14:16	3°♏31'45	0°18'22	
max. Earth dist.	-1484 Nov 09 j 14:30	6°♏03'38	1.70981 AU	
desc. node	-1484 Nov 15 j 07:35	13°♏15'11		
	-1484 Nov 28 j 15:16	0°♐		
evening rise	-1484 Dec 19 j 13:14	26°♐13'34		
	-1484 Dec 22 j 13:39	0°♑		
	-1483 Jan 15 j 15:12	0°♒		
	-1483 Feb 08 j 21:36	0°♓		
	-1483 Mar 05 j 11:19	0°♈		
asc. node	-1483 Mar 08 j 08:52	3°♈30'25		
	-1483 Mar 30 j 11:42	0°♉		
	-1483 Apr 25 j 03:58	0°♊		
	-1483 May 21 j 23:22	0°♋		
evening max el	-1483 Jun 17 j 05:21	26°♋58'50	45°40'31	
	-1483 Jun 20 j 10:06	0°♌		
desc. node	-1483 Jun 27 j 23:57	6°♌48'42		
greatest brilliancy	-1483 Jul 26 j 20:01	25°♌21'22	-4.8m	
retrograde	-1483 Aug 05 j 05:09	26°♌56'32		
evening set	-1483 Aug 23 j 04:28	20°♌57'03		
inferior conj	-1483 Aug 26 j 03:42	19°♌09'39	-8°51'45	
minimum elong	-1483 Aug 26 j 04:40	19°♌08'11	8°51'43	
min. Earth dist.	-1483 Aug 26 j 18:06	18°♌47'43	0.27580 AU	
morning rise	-1483 Aug 29 j 04:43	17°♌19'23		
direct	-1483 Sep 16 j 04:32	11°♌14'54		
greatest brilliancy	-1483 Sep 27 j 03:22	13°♌29'51	-4.9m	
asc. node	-1483 Oct 19 j 01:32	27°♌46'28		
	-1483 Oct 21 j 15:16	0°♍		
morning max el	-1483 Nov 05 j 23:43	14°♍43'45	46°53'26	
	-1483 Nov 20 j 07:43	0°♎		
	-1483 Dec 16 j 13:42	0°♏		
	-1482 Jan 10 j 19:22	0°♐		
	-1482 Feb 04 j 16:29	0°♑		
desc. node	-1482 Feb 07 j 16:56	3°♑39'12		
	-1482 Mar 01 j 10:26	0°♒		
	-1482 Mar 26 j 02:51	0°♓		
	-1482 Apr 19 j 17:57	0°♈		
morning set	-1482 May 09 j 23:18	24°♈42'07		
	-1482 May 14 j 07:13	0°♉		
asc. node	-1482 May 31 j 18:40	21°♉26'09		
	-1482 Jun 07 j 17:50	0°♊		
max. Earth dist.	-1482 Jun 11 j 22:51	5°♊10'52	1.73371 AU	
superior conj	-1482 Jun 15 j 01:44	9°♊01'32	0°32'55	
minimum elong	-1482 Jun 14 j 19:39	8°♊42'47	0°32'40	
	-1482 Jul 02 j 01:19	0°♋		
evening rise	-1482 Jul 20 j 20:26	23°♋17'32		
	-1482 Jul 26 j 06:06	0°♌		
	-1482 Aug 19 j 09:31	0°♍		
	-1482 Sep 12 j 13:16	0°♎		
desc. node	-1482 Sep 20 j 09:44	9°♎44'03		
	-1482 Oct 06 j 18:56	0°♏		
	-1482 Oct 31 j 04:21	0°♐		
	-1482 Nov 24 j 21:18	0°♑		
	-1482 Dec 20 j 06:54	0°♒		
asc. node	-1481 Jan 11 j 10:56	24°♒46'50		
	-1481 Jan 16 j 09:12	0°♓		
evening max el	-1481 Jan 23 j 16:46	7°♓28'56	46°14'08	
	-1481 Feb 18 j 17:47	0°♈		
greatest brilliancy	-1481 Mar 03 j 13:05	6°♈57'37	-4.8m	
retrograde	-1481 Mar 14 j 07:23	9°♈05'04		
evening set	-1481 Mar 30 j 22:30	3°♈44'08		
inferior conj	-1481 Apr 04 j 17:12	0°♈46'13	5°55'35	
minimum elong	-1481 Apr 05 j 02:27	0°♈31'31	5°53'42	
min. Earth dist.	-1481 Apr 04 j 23:09	0°♈36'46	0.29096 AU	
	-1481 Apr 05 j 22:20	30°℞♓		
morning rise	-1481 Apr 10 j 06:35	27°♓21'27		
direct	-1481 Apr 26 j 08:14	22°♓25'03		
desc. node	-1481 May 03 j 02:13	23°♓15'41		
greatest brilliancy	-1481 May 06 j 10:09	24°♓15'03	-4.7m	
	-1481 May 17 j 23:13	0°♈		
morning max el	-1481 Jun 14 j 03:24	22°♈11'35	45°47'51	
	-1481 Jun 22 j 02:27	0°♉		
	-1481 Jul 20 j 04:08	0°♊		
	-1481 Aug 15 j 04:37	0°♋		
asc. node	-1481 Aug 24 j 04:05	10°♋40'57		
	-1481 Sep 09 j 03:10	0°♌		
	-1481 Oct 03 j 10:27	0°♍		
	-1481 Oct 27 j 09:46	0°♎		
	-1481 Nov 20 j 06:24	0°♏		
desc. node	-1481 Dec 13 j 19:22	29°♏34'14		
morning set	-1481 Dec 14 j 09:40	0°♐19'06		
	-1481 Dec 14 j 03:35	0°♐		
	-1480 Jan 07 j 02:46	0°♑		
superior conj	-1480 Jan 25 j 00:41	22°♑20'26	-1°18'14	
minimum elong	-1480 Jan 24 j 16:39	21°♑55'24	1°18'06	
max. Earth dist.	-1480 Jan 29 j 06:51	27°♑38'14	1.72163 AU	
	-1480 Jan 31 j 04:27	0°♒		
	-1480 Feb 24 j 09:07	0°♓		
evening rise	-1480 Mar 04 j 10:16	11°♓10'20		
	-1480 Mar 19 j 17:26	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	-1480 Apr 04 j 20:56	19°♈46'26	
	-1480 Apr 13 j 06:04	0°♉	
	-1480 May 07 j 23:46	0°♊	
	-1480 Jun 01 j 23:47	0°♋	
	-1480 Jun 27 j 09:15	0°♌	
	-1480 Jul 23 j 11:10	0°♍	
desc. node	-1480 Jul 25 j 11:40	2°♍16'26	
	-1480 Aug 19 j 23:44	0°♎	
evening max el	-1480 Aug 29 j 17:52	9°♎54'20	46°59'57
	-1480 Sep 21 j 08:17	0°♏	
greatest brilliancy	-1480 Oct 09 j 14:54	10°♏31'27	-4.9m
retrograde	-1480 Oct 19 j 01:08	12°♏12'26	
evening set	-1480 Nov 02 j 16:44	7°♏58'49	
inferior conj	-1480 Nov 08 j 14:15	4°♏31'30	-1°47'50
minimum elong	-1480 Nov 08 j 18:17	4°♏25'20	1°46'33
min. Earth dist.	-1480 Nov 08 j 12:31	4°♏34'07	0.26325 AU
morning rise	-1480 Nov 14 j 19:49	0°♏53'31	
asc. node	-1480 Nov 15 j 13:20	0°♏30'47	
	-1480 Nov 16 j 14:14	30°℞♎	
direct	-1480 Nov 28 j 20:05	26°♎56'55	
greatest brilliancy	-1480 Dec 08 j 22:44	28°♎53'13	-4.9m
	-1480 Dec 11 j 16:05	0°♏	
morning max el	-1479 Jan 18 j 01:23	29°♏34'21	46°38'53
	-1479 Jan 18 j 11:39	0°♐	
	-1479 Feb 15 j 15:07	0°♑	
desc. node	-1479 Mar 07 j 04:56	22°♑09'56	
	-1479 Mar 14 j 00:05	0°♒	
	-1479 Apr 08 j 15:49	0°♓	
	-1479 May 03 j 21:51	0°♈	
	-1479 May 28 j 20:35	0°♉	
	-1479 Jun 22 j 12:23	0°♊	
asc. node	-1479 Jun 28 j 06:27	7°♊03'05	
morning set	-1479 Jul 16 j 08:04	29°♊18'52	
	-1479 Jul 16 j 21:21	0°♋	
	-1479 Aug 10 j 00:23	0°♌	
max. Earth dist.	-1479 Aug 18 j 19:09	10°♌58'45	1.71845 AU
superior conj	-1479 Aug 22 j 08:30	15°♌25'54	1°24'22
minimum elong	-1479 Aug 22 j 08:10	15°♌24'52	1°24'23
	-1479 Sep 02 j 23:24	0°♍	
	-1479 Sep 26 j 20:50	0°♎	
evening rise	-1479 Sep 30 j 06:34	4°♎16'35	
desc. node	-1479 Oct 17 j 21:46	26°♎24'09	
	-1479 Oct 20 j 18:37	0°♏	
	-1479 Nov 13 j 18:00	0°♐	
	-1479 Dec 07 j 20:17	0°♑	
	-1478 Jan 01 j 03:59	0°♒	
	-1478 Jan 25 j 22:06	0°♓	
asc. node	-1478 Feb 07 j 22:56	15°♓27'17	
	-1478 Feb 20 j 11:32	0°♈	
	-1478 Mar 19 j 15:18	0°♉	
evening max el	-1478 Apr 04 j 09:23	15°♉53'48	45°16'27
	-1478 Apr 20 j 07:08	0°♊	
greatest brilliancy	-1478 May 12 j 00:53	13°♊18'17	-4.7m
retrograde	-1478 May 22 j 19:06	15°♊22'39	
desc. node	-1478 May 30 j 14:08	14°♊10'47	
evening set	-1478 Jun 06 j 19:50	11°♊03'35	
inferior conj	-1478 Jun 13 j 05:11	7°♊17'14	-3°07'10
minimum elong	-1478 Jun 12 j 22:37	7°♊27'22	3°05'21
min. Earth dist.	-1478 Jun 13 j 11:58	7°♊06'43	0.28777 AU
morning rise	-1478 Jun 19 j 00:57	3°♊47'57	
	-1478 Jun 27 j 19:59	30°℞♉	
direct	-1478 Jul 04 j 20:45	29°♉01'08	
	-1478 Jul 12 j 03:28	0°♊	
greatest brilliancy	-1478 Jul 15 j 18:53	1°♊09'36	-4.8m
	-1478 Aug 23 j 10:36	0°♋	
morning max el	-1478 Aug 23 j 11:34	0°♋02'25	46°19'03
asc. node	-1478 Sep 20 j 16:01	0°♌06'56	
	-1478 Sep 20 j 13:33	0°♌	
	-1478 Oct 16 j 05:47	0°♍	
	-1478 Nov 09 j 22:00	0°♎	
	-1478 Dec 04 j 04:31	0°♏	
	-1478 Dec 28 j 08:24	0°♐	
desc. node	-1477 Jan 10 j 07:10	16°♐04'28	
	-1477 Jan 21 j 12:47	0°♑	
	-1477 Feb 14 j 18:40	0°♒	
morning set	-1477 Feb 27 j 21:36	16°♒11'54	
	-1477 Mar 11 j 02:15	0°♓	
	-1477 Apr 04 j 11:24	0°♈	
superior conj	-1477 Apr 06 j 14:17	2°♈36'21	-0°57'28
minimum elong	-1477 Apr 06 j 23:23	3°♈04'19	0°57'08
max. Earth dist.	-1477 Apr 07 j 11:06	3°♈40'17	1.73529 AU
	-1477 Apr 28 j 21:44	0°♉	
asc. node	-1477 May 03 j 08:52	5°♉28'43	
evening rise	-1477 May 13 j 04:04	17°♉30'06	
	-1477 May 23 j 08:41	0°♊	
	-1477 Jun 16 j 20:06	0°♋	
	-1477 Jul 11 j 08:35	0°♌	
	-1477 Aug 04 j 23:50	0°♍	
desc. node	-1477 Aug 22 j 23:47	21°♍45'32	
	-1477 Aug 29 j 20:20	0°♎	
	-1477 Sep 24 j 02:14	0°♏	
	-1477 Oct 20 j 03:27	0°♐	
evening max el	-1477 Nov 11 j 03:01	23°♐42'42	47°24'43
	-1477 Nov 17 j 09:52	0°♑	
asc. node	-1477 Dec 14 j 01:11	21°♑48'24	
greatest brilliancy	-1477 Dec 21 j 13:37	25°♑32'11	-4.9m
retrograde	-1476 Jan 01 j 05:48	27°♑43'24	
evening set	-1476 Jan 17 j 22:00	22°♑10'18	
min. Earth dist.	-1476 Jan 21 j 04:19	20°♑09'26	0.27794 AU
inferior conj	-1476 Jan 22 j 04:29	19°♑31'19	7°47'38
minimum elong	-1476 Jan 21 j 20:58	19°♑43'11	7°46'40
morning rise	-1476 Jan 25 j 20:22	17°♑15'12	
direct	-1476 Feb 11 j 23:15	11°♑33'12	
greatest brilliancy	-1476 Feb 20 j 18:28	13°♑00'36	-4.8m
	-1476 Mar 18 j 19:36	0°♒	
morning max el	-1476 Apr 01 j 02:18	12°♒04'06	45°58'57
desc. node	-1476 Apr 03 j 16:35	14°♒35'02	
	-1476 Apr 18 j 19:58	0°♓	
	-1476 May 16 j 06:12	0°♈	
	-1476 Jun 11 j 08:31	0°♉	
	-1476 Jul 06 j 16:01	0°♊	
asc. node	-1476 Jul 25 j 18:21	23°♊07'00	
	-1476 Jul 31 j 09:28	0°♋	
	-1476 Aug 24 j 16:06	0°♌	
	-1476 Sep 17 j 15:26	0°♍	
morning set	-1476 Sep 25 j 10:29	9°♍48'15	
	-1476 Oct 11 j 11:08	0°♎	
	-1476 Nov 04 j 06:12	0°♏	
superior conj	-1476 Nov 04 j 18:50	0°♏39'48	0°22'30
minimum elong	-1476 Nov 05 j 00:41	0°♏58'14	0°22'12
max. Earth dist.	-1476 Nov 06 j 21:29	3°♏19'21	1.70969 AU
desc. node	-1476 Nov 14 j 09:36	12°♏46'21	
	-1476 Nov 28 j 02:26	0°♐	
evening rise	-1476 Dec 16 j 22:56	23°♐38'39	
	-1476 Dec 22 j 00:51	0°♑	
	-1475 Jan 15 j 02:29	0°♒	
	-1475 Feb 08 j 09:02	0°♓	
	-1475 Mar 04 j 23:04	0°♈	
asc. node	-1475 Mar 07 j 11:03	3°♈01'20	
	-1475 Mar 30 j 00:05	0°♉	
	-1475 Apr 24 j 17:39	0°♊	

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

	-1475 May 21 j 15:57	0°♋	
evening max el	-1475 Jun 14 j 19:26	24°♋41'57	45°38'14
	-1475 Jun 20 j 11:36	0°♌	
desc. node	-1475 Jun 27 j 01:56	5°♌48'19	
greatest brilliancy	-1475 Jul 24 j 08:18	23°♌00'45	-4.8m
retrograde	-1475 Aug 02 j 17:38	24°♌36'00	
evening set	-1475 Aug 20 j 17:04	18°♌37'45	
inferior conj	-1475 Aug 23 j 17:15	16°♌48'44	-8°51'42
minimum elong	-1475 Aug 23 j 17:18	16°♌48'40	8°51'42
min. Earth dist.	-1475 Aug 24 j 07:22	16°♌27'11	0.27636 AU
morning rise	-1475 Aug 26 j 17:24	14°♌59'30	
direct	-1475 Sep 13 j 18:43	8°♌53'09	
greatest brilliancy	-1475 Sep 24 j 17:44	11°♌07'36	-4.9m
asc. node	-1475 Oct 18 j 03:36	26°♌40'03	
	-1475 Oct 21 j 21:31	0°♍	
morning max el	-1475 Nov 03 j 12:31	12°♍16'06	46°52'54
	-1475 Nov 20 j 02:01	0°♎	
	-1475 Dec 16 j 04:36	0°♏	
	-1474 Jan 10 j 08:39	0°♐	
	-1474 Feb 04 j 04:51	0°♑	
desc. node	-1474 Feb 06 j 19:10	3°♑08'48	
	-1474 Feb 28 j 22:10	0°♒	
	-1474 Mar 25 j 14:10	0°♓	
	-1474 Apr 19 j 04:57	0°♈	
morning set	-1474 May 07 j 17:53	22°♈39'03	
	-1474 May 13 j 18:01	0°♉	
asc. node	-1474 May 30 j 20:43	20°♉59'24	
	-1474 Jun 07 j 04:33	0°♊	
max. Earth dist.	-1474 Jun 09 j 17:56	3°♊08'52	1.73403 AU
superior conj	-1474 Jun 12 j 20:33	6°♊58'37	0°30'03
minimum elong	-1474 Jun 12 j 14:56	6°♊41'17	0°29'50
	-1474 Jul 01 j 12:05	0°♋	
evening rise	-1474 Jul 18 j 14:32	21°♋11'02	
	-1474 Jul 25 j 17:01	0°♌	
	-1474 Aug 18 j 20:41	0°♍	
	-1474 Sep 12 j 00:46	0°♎	
desc. node	-1474 Sep 19 j 11:51	9°♎14'37	
	-1474 Oct 06 j 06:51	0°♏	
	-1474 Oct 30 j 16:52	0°♐	
	-1474 Nov 24 j 10:42	0°♑	
	-1474 Dec 19 j 22:00	0°♒	
asc. node	-1473 Jan 10 j 13:05	24°♒03'48	
	-1473 Jan 16 j 04:45	0°♓	
evening max el	-1473 Jan 21 j 06:52	5°♓10'34	46°16'56
	-1473 Feb 19 j 18:06	0°♈	
greatest brilliancy	-1473 Mar 01 j 06:38	4°♈49'15	-4.8m
retrograde	-1473 Mar 11 j 23:39	6°♈56'11	
evening set	-1473 Mar 28 j 17:46	1°♈31'17	
	-1473 Mar 31 j 05:34	30°♓R	
inferior conj	-1473 Apr 02 j 09:54	28°♓37'12	6°09'09
minimum elong	-1473 Apr 02 j 19:09	28°♓22'30	6°07'21
min. Earth dist.	-1473 Apr 02 j 15:39	28°♓28'04	0.29086 AU
morning rise	-1473 Apr 07 j 20:38	25°♓15'53	
direct	-1473 Apr 23 j 24:00	20°♓16'08	
desc. node	-1473 May 02 j 04:17	21°♓29'24	
greatest brilliancy	-1473 May 04 j 01:57	22°♓05'45	-4.7m
	-1473 May 18 j 21:59	0°♈	
morning max el	-1473 Jun 11 j 18:38	20°♈00'10	45°47'32
	-1473 Jun 21 j 21:45	0°♉	
	-1473 Jul 19 j 18:47	0°♊	
	-1473 Aug 14 j 17:28	0°♋	
asc. node	-1473 Aug 23 j 06:19	10°♋10'18	
	-1473 Sep 08 j 15:10	0°♌	
	-1473 Oct 02 j 22:00	0°♍	
	-1473 Oct 26 j 21:05	0°♎	
	-1473 Nov 19 j 17:36	0°♏	
morning set	-1473 Dec 11 j 19:08	27°♏43'19	
desc. node	-1473 Dec 12 j 21:26	29°♏05'51	
	-1473 Dec 13 j 14:42	0°♐	
	-1472 Jan 06 j 13:46	0°♑	
superior conj	-1472 Jan 22 j 12:23	19°♑53'24	-1°16'42
minimum elong	-1472 Jan 22 j 03:38	19°♑26'11	1°16'33
max. Earth dist.	-1472 Jan 26 j 17:51	25°♑09'12	1.72102 AU
	-1472 Jan 30 j 15:21	0°♒	
	-1472 Feb 23 j 19:58	0°♓	
evening rise	-1472 Mar 02 j 00:43	8°♓53'21	
	-1472 Mar 19 j 04:19	0°♈	
asc. node	-1472 Apr 03 j 22:58	19°♈19'04	
	-1472 Apr 12 j 17:10	0°♉	
	-1472 May 07 j 11:14	0°♊	
	-1472 Jun 01 j 11:56	0°♋	
	-1472 Jun 26 j 22:33	0°♌	
	-1472 Jul 23 j 02:37	0°♍	
desc. node	-1472 Jul 24 j 13:54	1°♍38'48	
	-1472 Aug 19 j 20:14	0°♎	
evening max el	-1472 Aug 27 j 06:04	7°♎28'01	46°57'31
	-1472 Sep 22 j 05:40	0°♏	
greatest brilliancy	-1472 Oct 07 j 04:07	8°♏02'55	-4.9m
retrograde	-1472 Oct 16 j 13:02	9°♏43'06	
evening set	-1472 Oct 31 j 06:36	5°♏26'45	
inferior conj	-1472 Nov 06 j 02:19	2°♏02'27	-2°11'53
minimum elong	-1472 Nov 06 j 07:14	1°♏54'58	2°10'20
min. Earth dist.	-1472 Nov 06 j 02:13	2°♏02'37	0.26332 AU
	-1472 Nov 09 j 11:50	30°♑R	
morning rise	-1472 Nov 12 j 07:45	28°♎25'01	
asc. node	-1472 Nov 14 j 15:21	27°♎15'51	
direct	-1472 Nov 26 j 08:11	24°♎27'26	
greatest brilliancy	-1472 Dec 06 j 12:56	26°♎26'02	-4.9m
	-1472 Dec 14 j 00:17	0°♏	
morning max el	-1471 Jan 15 j 15:16	27°♏11'08	46°40'11
	-1471 Jan 18 j 10:12	0°♐	
	-1471 Feb 15 j 07:19	0°♑	
desc. node	-1471 Mar 06 j 07:01	21°♑35'08	
	-1471 Mar 13 j 13:47	0°♒	
	-1471 Apr 08 j 04:11	0°♓	
	-1471 May 03 j 09:27	0°♈	
	-1471 May 28 j 07:42	0°♉	
	-1471 Jun 21 j 23:16	0°♊	
asc. node	-1471 Jun 27 j 08:36	6°♊36'24	
morning set	-1471 Jul 14 j 01:14	27°♊10'14	
	-1471 Jul 16 j 08:07	0°♋	
	-1471 Aug 09 j 11:08	0°♌	
max. Earth dist.	-1471 Aug 16 j 10:17	8°♌42'12	1.71898 AU
superior conj	-1471 Aug 20 j 00:07	13°♌10'45	1°24'13
minimum elong	-1471 Aug 19 j 23:00	13°♌07'15	1°24'14
	-1471 Sep 02 j 10:13	0°♍	
	-1471 Sep 26 j 07:47	0°♎	
evening rise	-1471 Sep 27 j 18:27	1°♎48'48	
desc. node	-1471 Oct 16 j 23:46	25°♎55'44	
	-1471 Oct 20 j 05:43	0°♏	
	-1471 Nov 13 j 05:17	0°♐	
	-1471 Dec 07 j 07:47	0°♑	
	-1471 Dec 31 j 15:53	0°♒	
	-1470 Jan 25 j 10:41	0°♓	
asc. node	-1470 Feb 07 j 01:04	14°♓54'52	
	-1470 Feb 20 j 01:37	0°♈	
	-1470 Mar 19 j 09:03	0°♉	
evening max el	-1470 Apr 02 j 01:46	13°♉45'10	45°17'21
	-1470 Apr 20 j 17:11	0°♊	
greatest brilliancy	-1470 May 09 j 15:40	11°♊08'16	-4.7m
retrograde	-1470 May 20 j 11:27	13°♊13'36	

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

desc. node	-1470 May 29 j 16:10	11°♊33'31	
evening set	-1470 Jun 04 j 11:02	8°♊55'19	
inferior conj	-1470 Jun 10 j 21:06	5°♊07'28	-2°48'15
minimum elong	-1470 Jun 10 j 15:08	5°♊16'41	2°46'35
min. Earth dist.	-1470 Jun 11 j 03:36	4°♊57'24	0.28802 AU
morning rise	-1470 Jun 16 j 18:54	1°♊35'27	
	-1470 Jun 19 j 20:30	30°℞♉	
direct	-1470 Jul 02 j 13:31	26°♉51'02	
greatest brilliancy	-1470 Jul 13 j 10:19	28°♉58'41	-4.8m
	-1470 Jul 15 j 22:26	0°♊	
morning max el	-1470 Aug 21 j 03:48	27°♊50'25	46°17'35
	-1470 Aug 23 j 08:08	0°♋	
asc. node	-1470 Sep 19 j 17:59	29°♋28'25	
	-1470 Sep 20 j 05:07	0°♌	
	-1470 Oct 15 j 19:13	0°♍	
	-1470 Nov 09 j 10:26	0°♎	
	-1470 Dec 03 j 16:22	0°♏	
	-1470 Dec 27 j 19:51	0°♐	
desc. node	-1469 Jan 09 j 09:24	15°♐36'20	
	-1469 Jan 20 j 23:56	0°♑	
	-1469 Feb 14 j 05:37	0°♒	
morning set	-1469 Feb 25 j 12:10	13°♒55'17	
	-1469 Mar 10 j 13:02	0°♓	
	-1469 Apr 03 j 22:05	0°♈	
superior conj	-1469 Apr 04 j 07:24	0°♈28'37	-0°59'48
minimum elong	-1469 Apr 04 j 16:35	0°♈56'52	0°59'29
max. Earth dist.	-1469 Apr 05 j 09:27	1°♈48'40	1.73503 AU
	-1469 Apr 28 j 08:23	0°♉	
asc. node	-1469 May 02 j 10:52	5°♉02'07	
evening rise	-1469 May 10 j 22:54	15°♉27'52	
	-1469 May 22 j 19:27	0°♊	
	-1469 Jun 16 j 07:06	0°♋	
	-1469 Jul 10 j 20:01	0°♌	
	-1469 Aug 04 j 11:54	0°♍	
desc. node	-1469 Aug 22 j 01:52	21°♍13'42	
	-1469 Aug 29 j 09:18	0°♎	
	-1469 Sep 23 j 16:39	0°♏	
	-1469 Oct 19 j 20:37	0°♐	
evening max el	-1469 Nov 08 j 19:18	21°♐25'10	47°25'48
	-1469 Nov 17 j 11:09	0°♑	
asc. node	-1469 Dec 13 j 03:20	20°♑18'36	
greatest brilliancy	-1469 Dec 19 j 04:54	23°♑12'08	-4.9m
retrograde	-1469 Dec 29 j 21:23	25°♑23'11	
evening set	-1468 Jan 15 j 09:41	19°♑55'44	
min. Earth dist.	-1468 Jan 18 j 18:12	17°♑51'32	0.27719 AU
inferior conj	-1468 Jan 19 j 19:13	17°♑12'04	7°38'44
minimum elong	-1468 Jan 19 j 11:12	17°♑24'43	7°37'35
morning rise	-1468 Jan 23 j 13:13	14°♑52'53	
direct	-1468 Feb 09 j 13:51	9°♑15'28	
greatest brilliancy	-1468 Feb 18 j 07:41	10°♑41'59	-4.8m
	-1468 Mar 19 j 01:10	0°♒	
morning max el	-1468 Mar 29 j 17:00	9°♒49'31	45°59'53
desc. node	-1468 Apr 02 j 18:38	13°♒47'28	
	-1468 Apr 18 j 13:25	0°♓	
	-1468 May 15 j 20:15	0°♈	
	-1468 Jun 10 j 21:01	0°♉	
	-1468 Jul 06 j 03:41	0°♊	
asc. node	-1468 Jul 24 j 20:31	22°♊39'03	
	-1468 Jul 30 j 20:42	0°♋	
	-1468 Aug 24 j 03:09	0°♌	
	-1468 Sep 17 j 02:26	0°♍	
morning set	-1468 Sep 22 j 23:24	7°♍23'16	
	-1468 Oct 10 j 22:09	0°♎	
superior conj	-1468 Nov 02 j 04:33	28°♎04'27	0°26'19
minimum elong	-1468 Nov 02 j 11:16	28°♎25'38	0°25'59
	-1468 Nov 03 j 17:14	0°♏	
max. Earth dist.	-1468 Nov 04 j 00:22	0°♏22'27	1.70959 AU
desc. node	-1468 Nov 13 j 11:41	12°♏18'08	
	-1468 Nov 27 j 13:28	0°♐	
evening rise	-1468 Dec 14 j 08:41	21°♐04'17	
	-1468 Dec 21 j 11:55	0°♑	
	-1467 Jan 14 j 13:36	0°♒	
	-1467 Feb 07 j 20:17	0°♓	
	-1467 Mar 04 j 10:38	0°♈	
asc. node	-1467 Mar 06 j 13:02	2°♈32'16	
	-1467 Mar 29 j 12:21	0°♉	
	-1467 Apr 24 j 07:20	0°♊	
	-1467 May 21 j 08:47	0°♋	
evening max el	-1467 Jun 12 j 08:51	22°♋23'47	45°36'04
	-1467 Jun 20 j 14:28	0°♌	
desc. node	-1467 Jun 26 j 04:11	4°♌47'15	
greatest brilliancy	-1467 Jul 21 j 20:57	20°♌41'03	-4.8m
retrograde	-1467 Jul 31 j 06:08	22°♌16'29	
evening set	-1467 Aug 18 j 05:17	16°♌19'58	
inferior conj	-1467 Aug 21 j 07:00	14°♌28'42	-8°50'38
minimum elong	-1467 Aug 21 j 06:07	14°♌30'03	8°50'37
min. Earth dist.	-1467 Aug 21 j 20:58	14°♌07'20	0.27693 AU
morning rise	-1467 Aug 24 j 06:46	12°♌39'51	
direct	-1467 Sep 11 j 08:40	6°♌32'05	
greatest brilliancy	-1467 Sep 22 j 08:44	8°♌46'49	-4.9m
asc. node	-1467 Oct 17 j 05:42	25°♌35'42	
	-1467 Oct 22 j 01:41	0°♍	
morning max el	-1467 Nov 01 j 01:06	9°♍48'08	46°52'19
	-1467 Nov 19 j 19:50	0°♎	
	-1467 Dec 15 j 19:17	0°♏	
	-1466 Jan 09 j 21:50	0°♐	
	-1466 Feb 03 j 17:07	0°♑	
desc. node	-1466 Feb 05 j 21:13	2°♑38'00	
	-1466 Feb 28 j 09:50	0°♒	
	-1466 Mar 25 j 01:23	0°♓	
	-1466 Apr 18 j 15:53	0°♈	
morning set	-1466 May 05 j 12:36	20°♈36'26	
	-1466 May 13 j 04:47	0°♉	
asc. node	-1466 May 29 j 22:52	20°♉33'00	
	-1466 Jun 06 j 15:18	0°♊	
max. Earth dist.	-1466 Jun 07 j 14:04	1°♊10'04	1.73441 AU
superior conj	-1466 Jun 10 j 15:27	4°♊55'55	0°27'10
minimum elong	-1466 Jun 10 j 10:18	4°♊40'05	0°26'56
	-1466 Jun 30 j 22:54	0°♋	
evening rise	-1466 Jul 16 j 08:41	19°♋04'44	
	-1466 Jul 25 j 04:00	0°♌	
	-1466 Aug 18 j 07:55	0°♍	
	-1466 Sep 11 j 12:20	0°♎	
desc. node	-1466 Sep 18 j 13:50	8°♎44'32	
	-1466 Oct 05 j 18:53	0°♏	
	-1466 Oct 30 j 05:30	0°♐	
	-1466 Nov 24 j 00:18	0°♑	
	-1466 Dec 19 j 13:25	0°♒	
asc. node	-1465 Jan 09 j 15:16	23°♒19'59	
	-1465 Jan 16 j 01:01	0°♓	
evening max el	-1465 Jan 18 j 20:58	2°♓51'48	46°19'55
	-1465 Feb 21 j 04:28	0°♈	
greatest brilliancy	-1465 Feb 26 j 23:52	2°♈40'30	-4.8m
retrograde	-1465 Mar 09 j 16:24	4°♈47'44	
	-1465 Mar 25 j 08:39	30°℞♓	
evening set	-1465 Mar 26 j 13:09	29°♓18'37	
inferior conj	-1465 Mar 31 j 02:46	26°♓28'26	6°22'04
minimum elong	-1465 Mar 31 j 11:56	26°♓13'52	6°20'22
min. Earth dist.	-1465 Mar 31 j 08:05	26°♓19'59	0.29073 AU
morning rise	-1465 Apr 05 j 10:48	23°♓11'00	
direct	-1465 Apr 21 j 15:53	18°♓07'28	

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

desc. node	-1465 May 01 j 06:19	19°♓47'14	
greatest brilliancy	-1465 May 01 j 17:54	19°♓57'04	-4.7m
	-1465 May 19 j 14:42	0°♈	
morning max el	-1465 Jun 09 j 10:32	17°♈50'24	45°47'11
	-1465 Jun 21 j 16:33	0°♉	
	-1465 Jul 19 j 09:23	0°♊	
	-1465 Aug 14 j 06:24	0°♋	
asc. node	-1465 Aug 22 j 08:16	9°♋38'23	
	-1465 Sep 08 j 03:18	0°♌	
	-1465 Oct 02 j 09:43	0°♍	
	-1465 Oct 26 j 08:34	0°♎	
	-1465 Nov 19 j 04:58	0°♏	
morning set	-1465 Dec 09 j 04:33	25°♏06'47	
desc. node	-1465 Dec 11 j 23:34	28°♏37'09	
	-1465 Dec 13 j 01:59	0°♐	
	-1464 Jan 06 j 00:58	0°♑	
superior conj	-1464 Jan 19 j 23:53	17°♑25'01	-1°15'01
minimum elong	-1464 Jan 19 j 14:29	16°♑55'45	1°14'49
max. Earth dist.	-1464 Jan 24 j 03:01	22°♑33'44	1.72045 AU
	-1464 Jan 30 j 02:28	0°♒	
	-1464 Feb 23 j 07:02	0°♓	
evening rise	-1464 Feb 28 j 15:08	6°♓35'35	
	-1464 Mar 18 j 15:25	0°♈	
asc. node	-1464 Apr 03 j 01:03	18°♈51'16	
	-1464 Apr 12 j 04:26	0°♉	
	-1464 May 06 j 22:54	0°♊	
	-1464 Jun 01 j 00:18	0°♋	
	-1464 Jun 26 j 12:10	0°♌	
	-1464 Jul 22 j 18:36	0°♍	
desc. node	-1464 Jul 23 j 15:54	0°♍59'22	
	-1464 Aug 19 j 17:51	0°♎	
evening max el	-1464 Aug 24 j 19:07	5°♎03'01	46°54'56
	-1464 Sep 23 j 11:43	0°♏	
greatest brilliancy	-1464 Oct 04 j 16:44	5°♏32'35	-4.9m
retrograde	-1464 Oct 14 j 01:26	7°♏12'27	
evening set	-1464 Oct 28 j 20:34	2°♏53'13	
	-1464 Nov 02 j 19:46	30°℞♎	
inferior conj	-1464 Nov 03 j 14:15	29°♎31'57	-2°35'42
minimum elong	-1464 Nov 03 j 20:00	29°♎23'14	2°33'56
min. Earth dist.	-1464 Nov 03 j 15:25	29°♎30'11	0.26341 AU
morning rise	-1464 Nov 09 j 19:20	25°♎55'33	
asc. node	-1464 Nov 13 j 17:30	24°♎04'12	
direct	-1464 Nov 23 j 20:41	21°♎56'43	
greatest brilliancy	-1464 Dec 04 j 02:25	23°♎56'51	-4.9m
	-1464 Dec 15 j 13:19	0°♏	
morning max el	-1463 Jan 13 j 05:33	24°♏47'59	46°41'24
	-1463 Jan 18 j 08:15	0°♐	
	-1463 Feb 14 j 23:33	0°♑	
desc. node	-1463 Mar 05 j 09:00	20°♑59'19	
	-1463 Mar 13 j 03:39	0°♒	
	-1463 Apr 07 j 16:47	0°♓	
	-1463 May 02 j 21:18	0°♈	
	-1463 May 27 j 19:05	0°♉	
	-1463 Jun 21 j 10:22	0°♊	
asc. node	-1463 Jun 26 j 10:45	6°♊09'02	
morning set	-1463 Jul 11 j 18:52	25°♊02'24	
	-1463 Jul 15 j 19:07	0°♋	
	-1463 Aug 08 j 22:09	0°♌	
max. Earth dist.	-1463 Aug 14 j 00:45	6°♌22'52	1.71956 AU
superior conj	-1463 Aug 17 j 16:05	10°♌55'53	1°23'56
minimum elong	-1463 Aug 17 j 14:13	10°♌50'04	1°23'58
	-1463 Sep 01 j 21:22	0°♍	
evening rise	-1463 Sep 25 j 06:24	29°♍20'12	
	-1463 Sep 25 j 19:05	0°♎	
desc. node	-1463 Oct 16 j 01:54	25°♎26'29	
	-1463 Oct 19 j 17:12	0°♏	
	-1463 Nov 12 j 16:57	0°♐	
	-1463 Dec 06 j 19:42	0°♑	
	-1463 Dec 31 j 04:11	0°♒	
	-1462 Jan 24 j 23:45	0°♓	
asc. node	-1462 Feb 06 j 03:03	14°♓20'41	
	-1462 Feb 19 j 16:15	0°♈	
	-1462 Mar 19 j 03:40	0°♉	
evening max el	-1462 Mar 30 j 18:28	11°♉36'13	45°18'19
	-1462 Apr 21 j 07:17	0°♊	
greatest brilliancy	-1462 May 07 j 07:24	8°♊58'38	-4.7m
retrograde	-1462 May 18 j 03:43	11°♊04'00	
desc. node	-1462 May 28 j 18:22	8°♊51'25	
evening set	-1462 Jun 02 j 02:39	6°♊46'35	
inferior conj	-1462 Jun 08 j 13:13	2°♊57'28	-2°29'18
minimum elong	-1462 Jun 08 j 07:53	3°♊05'45	2°27'46
min. Earth dist.	-1462 Jun 08 j 19:36	2°♊47'34	0.28821 AU
	-1462 Jun 13 j 10:27	30°℞♉	
morning rise	-1462 Jun 14 j 12:51	29°♉22'42	
direct	-1462 Jun 30 j 06:22	24°♉40'54	
greatest brilliancy	-1462 Jul 11 j 01:32	26°♉47'07	-4.8m
	-1462 Jul 17 j 23:40	0°♊	
morning max el	-1462 Aug 18 j 19:15	25°♊36'05	46°16'02
	-1462 Aug 23 j 05:10	0°♋	
asc. node	-1462 Sep 18 j 20:07	28°♋49'51	
	-1462 Sep 19 j 20:44	0°♌	
	-1462 Oct 15 j 08:54	0°♍	
	-1462 Nov 08 j 23:13	0°♎	
	-1462 Dec 03 j 04:36	0°♏	
	-1462 Dec 27 j 07:43	0°♐	
desc. node	-1461 Jan 08 j 11:28	15°♐06'24	
	-1461 Jan 20 j 11:30	0°♑	
	-1461 Feb 13 j 16:57	0°♒	
morning set	-1461 Feb 23 j 02:17	11°♒36'00	
	-1461 Mar 10 j 00:12	0°♓	
superior conj	-1461 Apr 02 j 00:16	28°♓18'53	-1°02'04
minimum elong	-1461 Apr 02 j 09:29	28°♓47'14	1°01'46
	-1461 Apr 03 j 09:09	0°♈	
max. Earth dist.	-1461 Apr 03 j 07:54	29°♓56'09	1.73474 AU
	-1461 Apr 27 j 19:27	0°♉	
asc. node	-1461 May 01 j 13:04	4°♉34'54	
evening rise	-1461 May 08 j 17:38	13°♉24'07	
	-1461 May 22 j 06:35	0°♊	
	-1461 Jun 15 j 18:28	0°♋	
	-1461 Jul 10 j 07:48	0°♌	
	-1461 Aug 04 j 00:17	0°♍	
desc. node	-1461 Aug 21 j 03:54	20°♍40'49	
	-1461 Aug 28 j 22:38	0°♎	
	-1461 Sep 23 j 07:30	0°♏	
	-1461 Oct 19 j 14:33	0°♐	
evening max el	-1461 Nov 06 j 10:38	19°♐03'44	47°26'26
	-1461 Nov 17 j 14:30	0°♑	
asc. node	-1461 Dec 12 j 05:28	18°♑43'28	
greatest brilliancy	-1461 Dec 16 j 20:34	20°♑50'16	-4.9m
retrograde	-1461 Dec 27 j 12:11	23°♑00'13	
evening set	-1460 Jan 12 j 20:58	17°♑38'47	
min. Earth dist.	-1460 Jan 16 j 08:14	15°♑30'27	0.27644 AU
inferior conj	-1460 Jan 17 j 09:38	14°♑50'21	7°28'51
minimum elong	-1460 Jan 17 j 01:11	15°♑03'42	7°27'32
morning rise	-1460 Jan 21 j 05:57	12°♑27'40	
direct	-1460 Feb 07 j 03:41	6°♑55'14	
greatest brilliancy	-1460 Feb 15 j 21:12	8°♑21'21	-4.8m
	-1460 Mar 19 j 05:31	0°♒	
morning max el	-1460 Mar 27 j 06:27	7°♒30'17	46°00'58
desc. node	-1460 Apr 01 j 20:48	12°♒59'37	
	-1460 Apr 18 j 06:58	0°♓	

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

	-1460 May 15 j 10:31	0°♈	
	-1460 Jun 10 j 09:46	0°♉	
	-1460 Jul 05 j 15:38	0°♊	
asc. node	-1460 Jul 23 j 22:29	22°♊09'38	
	-1460 Jul 30 j 08:13	0°♋	
	-1460 Aug 23 j 14:27	0°♌	
	-1460 Sep 16 j 13:39	0°♍	
morning set	-1460 Sep 20 j 12:51	4°♍59'19	
	-1460 Oct 10 j 09:21	0°♎	
superior conj	-1460 Oct 30 j 14:42	25°♎29'54	0°30'01
minimum elong	-1460 Oct 30 j 22:14	25°♎53'37	0°29'40
max. Earth dist.	-1460 Nov 01 j 02:11	27°♎21'39	1.70958 AU
	-1460 Nov 03 j 04:28	0°♏	
desc. node	-1460 Nov 12 j 13:52	11°♏49'31	
	-1460 Nov 27 j 00:46	0°♐	
evening rise	-1460 Dec 11 j 18:18	18°♐28'33	
	-1460 Dec 20 j 23:16	0°♑	
	-1459 Jan 14 j 01:03	0°♒	
	-1459 Feb 07 j 07:53	0°♓	
	-1459 Mar 03 j 22:36	0°♈	
asc. node	-1459 Mar 05 j 15:09	2°♈02'24	
	-1459 Mar 29 j 01:03	0°♉	
	-1459 Apr 23 j 21:32	0°♊	
	-1459 May 21 j 02:20	0°♋	
evening max el	-1459 Jun 09 j 21:44	20°♋03'33	45°34'04
	-1459 Jun 20 j 19:28	0°♌	
desc. node	-1459 Jun 25 j 06:12	3°♌43'16	
greatest brilliancy	-1459 Jul 19 j 09:24	18°♌20'30	-4.8m
retrograde	-1459 Jul 28 j 19:06	19°♌56'42	
evening set	-1459 Aug 15 j 17:06	14°♌02'14	
inferior conj	-1459 Aug 18 j 20:44	12°♌08'17	-8°48'47
minimum elong	-1459 Aug 18 j 18:57	12°♌11'01	8°48'43
min. Earth dist.	-1459 Aug 19 j 10:35	11°♌47'08	0.27746 AU
morning rise	-1459 Aug 21 j 20:35	10°♌19'21	
direct	-1459 Sep 08 j 22:27	4°♌10'34	
greatest brilliancy	-1459 Sep 19 j 23:50	6°♌26'06	-4.9m
asc. node	-1459 Oct 16 j 07:50	24°♌32'49	
	-1459 Oct 22 j 04:18	0°♍	
morning max el	-1459 Oct 29 j 14:23	7°♍21'52	46°51'54
	-1459 Nov 19 j 13:20	0°♎	
	-1459 Dec 15 j 09:53	0°♏	
	-1458 Jan 09 j 11:03	0°♐	
	-1458 Feb 03 j 05:31	0°♑	
desc. node	-1458 Feb 04 j 23:13	2°♑06'39	
	-1458 Feb 27 j 21:40	0°♒	
	-1458 Mar 24 j 12:48	0°♓	
	-1458 Apr 18 j 03:00	0°♈	
morning set	-1458 May 03 j 06:52	18°♈31'50	
	-1458 May 12 j 15:44	0°♉	
asc. node	-1458 May 29 j 00:57	20°♉05'54	
max. Earth dist.	-1458 Jun 05 j 11:48	29°♉15'43	1.73475 AU
	-1458 Jun 06 j 02:12	0°♊	
superior conj	-1458 Jun 08 j 10:02	2°♊51'50	0°24'12
minimum elong	-1458 Jun 08 j 05:23	2°♊37'32	0°24'00
	-1458 Jun 30 j 09:53	0°♋	
evening rise	-1458 Jul 14 j 02:51	16°♋58'05	
	-1458 Jul 24 j 15:09	0°♌	
	-1458 Aug 17 j 19:17	0°♍	
	-1458 Sep 11 j 00:01	0°♎	
desc. node	-1458 Sep 17 j 15:59	8°♎14'43	
	-1458 Oct 05 j 06:59	0°♏	
	-1458 Oct 29 j 18:12	0°♐	
	-1458 Nov 23 j 13:56	0°♑	
	-1458 Dec 19 j 04:58	0°♒	
asc. node	-1457 Jan 08 j 17:13	22°♒35'02	
	-1457 Jan 15 j 21:56	0°♓	
evening max el	-1457 Jan 16 j 11:36	0°♓34'20	46°22'43
	-1457 Feb 23 j 10:00	0°♈	
greatest brilliancy	-1457 Feb 24 j 16:22	0°♈30'16	-4.8m
retrograde	-1457 Mar 07 j 09:30	2°♈38'28	
	-1457 Mar 18 j 20:05	30°℞♓	
evening set	-1457 Mar 24 j 08:23	27°♓04'56	
inferior conj	-1457 Mar 28 j 19:27	24°♓18'39	6°34'36
minimum elong	-1457 Mar 29 j 04:30	24°♓04'17	6°32'59
min. Earth dist.	-1457 Mar 29 j 00:02	24°♓11'23	0.29065 AU
morning rise	-1457 Apr 03 j 00:43	21°♓05'26	
direct	-1457 Apr 19 j 07:55	15°♓57'47	
greatest brilliancy	-1457 Apr 29 j 09:22	17°♓47'08	-4.7m
desc. node	-1457 Apr 30 j 08:30	18°♓07'59	
	-1457 May 20 j 03:30	0°♈	
morning max el	-1457 Jun 07 j 03:10	15°♈42'01	45°46'54
	-1457 Jun 21 j 11:02	0°♉	
	-1457 Jul 18 j 23:52	0°♊	
	-1457 Aug 13 j 19:17	0°♋	
asc. node	-1457 Aug 21 j 10:25	9°♋07'10	
	-1457 Sep 07 j 15:23	0°♌	
	-1457 Oct 01 j 21:22	0°♍	
	-1457 Oct 25 j 19:59	0°♎	
	-1457 Nov 18 j 16:14	0°♏	
morning set	-1457 Dec 06 j 14:27	22°♏32'06	
desc. node	-1457 Dec 11 j 01:38	28°♏08'37	
	-1457 Dec 12 j 13:08	0°♐	
	-1456 Jan 05 j 12:00	0°♑	
superior conj	-1456 Jan 17 j 11:35	14°♑57'43	-1°13'11
minimum elong	-1456 Jan 17 j 01:36	14°♑26'35	1°12'58
max. Earth dist.	-1456 Jan 21 j 14:09	20°♑04'49	1.71990 AU
	-1456 Jan 29 j 13:25	0°♒	
	-1456 Feb 22 j 17:57	0°♓	
evening rise	-1456 Feb 26 j 05:43	4°♓18'44	
	-1456 Mar 18 j 02:25	0°♈	
asc. node	-1456 Apr 02 j 03:13	18°♈23'59	
	-1456 Apr 11 j 15:39	0°♉	
	-1456 May 06 j 10:32	0°♊	
	-1456 May 31 j 12:40	0°♋	
	-1456 Jun 26 j 01:49	0°♌	
	-1456 Jul 22 j 10:45	0°♍	
desc. node	-1456 Jul 22 j 17:57	0°♍19'58	
	-1456 Aug 19 j 16:10	0°♎	
evening max el	-1456 Aug 22 j 08:57	2°♎40'30	46°52'20
	-1456 Sep 25 j 06:41	0°♏	
greatest brilliancy	-1456 Oct 02 j 05:03	3°♏02'32	-4.9m
retrograde	-1456 Oct 11 j 13:59	4°♏42'03	
evening set	-1456 Oct 26 j 10:44	0°♏20'01	
	-1456 Oct 27 j 01:17	30°℞♎	
inferior conj	-1456 Nov 01 j 02:07	27°♎01'47	-2°59'24
minimum elong	-1456 Nov 01 j 08:40	26°♎51'51	2°57'24
min. Earth dist.	-1456 Nov 01 j 04:22	26°♎58'23	0.26349 AU
morning rise	-1456 Nov 07 j 06:33	23°♎26'40	
asc. node	-1456 Nov 12 j 19:38	20°♎58'12	
direct	-1456 Nov 21 j 09:25	19°♎26'35	
greatest brilliancy	-1456 Dec 01 j 15:21	21°♎27'22	-4.9m
	-1456 Dec 16 j 15:13	0°♏	
morning max el	-1455 Jan 10 j 19:46	22°♏25'23	46°42'43
	-1455 Jan 18 j 05:10	0°♐	
	-1455 Feb 14 j 15:11	0°♑	
desc. node	-1455 Mar 04 j 11:14	20°♑25'30	
	-1455 Mar 12 j 17:03	0°♒	
	-1455 Apr 07 j 05:01	0°♓	
	-1455 May 02 j 08:50	0°♈	
	-1455 May 27 j 06:14	0°♉	
	-1455 Jun 20 j 21:17	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	-1455 Jun 25 j 12:46	5°♊41'48	
morning set	-1455 Jul 09 j 12:21	22°♊54'49	
	-1455 Jul 15 j 05:55	0°♋	
	-1455 Aug 08 j 08:57	0°♌	
max. Earth dist.	-1455 Aug 11 j 13:08	3°♌57'50	1.72013 AU
superior conj	-1455 Aug 15 j 07:58	8°♌41'37	1°23'32
minimum elong	-1455 Aug 15 j 05:23	8°♌33'31	1°23'32
	-1455 Sep 01 j 08:16	0°♍	
evening rise	-1455 Sep 22 j 18:20	26°♍52'21	
	-1455 Sep 25 j 06:09	0°♎	
desc. node	-1455 Oct 15 j 04:01	24°♎58'02	
	-1455 Oct 19 j 04:26	0°♏	
	-1455 Nov 12 j 04:22	0°♐	
	-1455 Dec 06 j 07:21	0°♑	
	-1455 Dec 30 j 16:13	0°♒	
	-1454 Jan 24 j 12:31	0°♓	
asc. node	-1454 Feb 05 j 05:14	13°♓48'09	
	-1454 Feb 19 j 06:35	0°♈	
	-1454 Mar 18 j 22:14	0°♉	
evening max el	-1454 Mar 28 j 10:47	9°♉27'31	45°19'12
	-1454 Apr 22 j 01:24	0°♊	
greatest brilliancy	-1454 May 04 j 23:38	6°♊50'51	-4.7m
retrograde	-1454 May 15 j 19:27	8°♊55'41	
desc. node	-1454 May 27 j 20:23	6°♊06'32	
evening set	-1454 May 30 j 18:30	4°♊38'54	
inferior conj	-1454 Jun 06 j 05:27	0°♊48'50	-2°10'07
minimum elong	-1454 Jun 06 j 00:46	0°♊56'07	2°08'46
min. Earth dist.	-1454 Jun 06 j 12:04	0°♊38'32	0.28844 AU
	-1454 Jun 07 j 12:54	30°℞♉	
morning rise	-1454 Jun 12 j 06:45	27°♉11'16	
direct	-1454 Jun 27 j 23:00	22°♉31'59	
greatest brilliancy	-1454 Jul 08 j 17:18	24°♉37'03	-4.7m
	-1454 Jul 19 j 08:00	0°♊	
morning max el	-1454 Aug 16 j 10:00	23°♊20'50	46°14'29
	-1454 Aug 23 j 01:15	0°♋	
asc. node	-1454 Sep 17 j 22:19	28°♋12'35	
	-1454 Sep 19 j 11:52	0°♌	
	-1454 Oct 14 j 22:12	0°♍	
	-1454 Nov 08 j 11:36	0°♎	
	-1454 Dec 02 j 16:28	0°♏	
	-1454 Dec 26 j 19:12	0°♐	
desc. node	-1453 Jan 07 j 13:27	14°♐37'16	
	-1453 Jan 19 j 22:42	0°♑	
	-1453 Feb 13 j 03:54	0°♒	
morning set	-1453 Feb 20 j 16:30	9°♒18'08	
	-1453 Mar 09 j 10:58	0°♓	
superior conj	-1453 Mar 30 j 17:25	26°♓11'22	-1°04'14
minimum elong	-1453 Mar 31 j 02:37	26°♓39'37	1°03'56
max. Earth dist.	-1453 Apr 01 j 05:54	28°♓03'32	1.73438 AU
	-1453 Apr 02 j 19:47	0°♈	
	-1453 Apr 27 j 06:03	0°♉	
asc. node	-1453 Apr 30 j 15:09	4°♉08'43	
evening rise	-1453 May 06 j 12:37	11°♉22'30	
	-1453 May 21 j 17:19	0°♊	
	-1453 Jun 15 j 05:29	0°♋	
	-1453 Jul 09 j 19:16	0°♌	
	-1453 Aug 03 j 12:25	0°♍	
desc. node	-1453 Aug 20 j 06:03	20°♍09'06	
	-1453 Aug 28 j 11:45	0°♎	
	-1453 Sep 22 j 22:13	0°♏	
	-1453 Oct 19 j 08:30	0°♐	
evening max el	-1453 Nov 04 j 00:57	16°♐40'35	47°27'06
	-1453 Nov 17 j 19:06	0°♑	
asc. node	-1453 Dec 11 j 07:28	17°♑05'42	
greatest brilliancy	-1453 Dec 14 j 12:44	18°♑29'51	-4.9m
retrograde	-1453 Dec 25 j 02:37	20°♑38'18	
evening set	-1452 Jan 10 j 08:13	15°♑22'47	
min. Earth dist.	-1452 Jan 13 j 22:42	13°♑09'50	0.27568 AU
inferior conj	-1452 Jan 15 j 00:05	12°♑29'45	7°18'05
minimum elong	-1452 Jan 14 j 15:15	12°♑43'42	7°16'37
morning rise	-1452 Jan 18 j 22:48	10°♑03'24	
direct	-1452 Feb 04 j 17:02	4°♑35'54	
greatest brilliancy	-1452 Feb 13 j 11:22	6°♑02'21	-4.8m
	-1452 Mar 19 j 07:42	0°♒	
morning max el	-1452 Mar 24 j 19:36	5°♒11'24	46°02'17
desc. node	-1452 Mar 31 j 22:52	12°♒13'30	
	-1452 Apr 17 j 23:38	0°♓	
	-1452 May 15 j 00:09	0°♈	
	-1452 Jun 09 j 21:59	0°♉	
	-1452 Jul 05 j 03:07	0°♊	
asc. node	-1452 Jul 23 j 00:40	21°♊42'06	
	-1452 Jul 29 j 19:20	0°♋	
	-1452 Aug 23 j 01:25	0°♌	
	-1452 Sep 16 j 00:35	0°♍	
morning set	-1452 Sep 18 j 02:12	2°♍35'56	
	-1452 Oct 09 j 20:18	0°♎	
superior conj	-1452 Oct 28 j 00:39	22°♎55'28	0°33'42
minimum elong	-1452 Oct 28 j 08:55	23°♎21'31	0°33'18
max. Earth dist.	-1452 Oct 29 j 04:03	24°♎21'46	1.70959 AU
	-1452 Nov 02 j 15:26	0°♏	
desc. node	-1452 Nov 11 j 15:52	11°♏21'12	
	-1452 Nov 26 j 11:47	0°♐	
evening rise	-1452 Dec 09 j 03:40	15°♐52'59	
	-1452 Dec 20 j 10:20	0°♑	
	-1451 Jan 13 j 12:11	0°♒	
	-1451 Feb 06 j 19:12	0°♓	
	-1451 Mar 03 j 10:15	0°♈	
asc. node	-1451 Mar 04 j 17:20	1°♈33'44	
	-1451 Mar 28 j 13:26	0°♉	
	-1451 Apr 23 j 11:25	0°♊	
	-1451 May 20 j 19:44	0°♋	
evening max el	-1451 Jun 07 j 11:14	17°♋46'31	45°32'13
	-1451 Jun 21 j 01:47	0°♌	
desc. node	-1451 Jun 24 j 08:14	2°♌39'16	
greatest brilliancy	-1451 Jul 16 j 21:19	16°♌01'17	-4.8m
retrograde	-1451 Jul 26 j 08:43	17°♌39'04	
evening set	-1451 Aug 13 j 04:43	11°♌46'56	
inferior conj	-1451 Aug 16 j 10:42	9°♌49'40	-8°45'54
minimum elong	-1451 Aug 16 j 08:03	9°♌53'43	8°45'47
min. Earth dist.	-1451 Aug 17 j 00:07	9°♌29'12	0.27805 AU
morning rise	-1451 Aug 19 j 11:09	7°♌59'57	
direct	-1451 Sep 06 j 12:53	1°♌50'44	
greatest brilliancy	-1451 Sep 17 j 15:03	4°♌06'59	-4.9m
asc. node	-1451 Oct 15 j 09:55	23°♌32'02	
	-1451 Oct 22 j 05:16	0°♍	
morning max el	-1451 Oct 27 j 04:56	4°♍59'35	46°51'14
	-1451 Nov 19 j 06:18	0°♎	
	-1451 Dec 15 j 00:10	0°♏	
	-1450 Jan 08 j 24:00	0°♐	
	-1450 Feb 02 j 17:38	0°♑	
desc. node	-1450 Feb 04 j 01:27	1°♑36'43	
	-1450 Feb 27 j 09:13	0°♒	
	-1450 Mar 23 j 23:56	0°♓	
	-1450 Apr 17 j 13:51	0°♈	
morning set	-1450 May 01 j 01:24	16°♈28'45	
	-1450 May 12 j 02:25	0°♉	
asc. node	-1450 May 28 j 03:00	19°♉39'30	
max. Earth dist.	-1450 Jun 03 j 11:10	27°♉27'14	1.73502 AU
	-1450 Jun 05 j 12:50	0°♊	
superior conj	-1450 Jun 06 j 05:00	0°♊49'48	0°21'15

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

minimum elong	-1450 Jun 06 j 00:53	0°♊37'07	0°21'05
	-1450 Jun 29 j 20:34	0°♋	
evening rise	-1450 Jul 11 j 21:34	14°♋54'09	
	-1450 Jul 24 j 01:59	0°♌	
	-1450 Aug 17 j 06:24	0°♍	
	-1450 Sep 10 j 11:31	0°♎	
desc. node	-1450 Sep 16 j 18:07	7°♎45'24	
	-1450 Oct 04 j 18:59	0°♏	
	-1450 Oct 29 j 06:52	0°♐	
	-1450 Nov 23 j 03:38	0°♑	
	-1450 Dec 18 j 20:43	0°♒	
asc. node	-1449 Jan 07 j 19:26	21°♒50'11	
evening max el	-1449 Jan 14 j 03:05	28°♒19'02	46°25'43
	-1449 Jan 15 j 19:34	0°♓	
greatest brilliancy	-1449 Feb 22 j 08:36	28°♓19'53	-4.8m
	-1449 Feb 28 j 03:10	0°♈	
retrograde	-1449 Mar 05 j 02:57	0°♈29'08	
	-1449 Mar 09 j 23:48	30°℞♓	
evening set	-1449 Mar 22 j 03:34	24°♓51'20	
inferior conj	-1449 Mar 26 j 12:03	22°♓08'53	6°46'37
minimum elong	-1449 Mar 26 j 20:57	21°♓54'45	6°45'05
min. Earth dist.	-1449 Mar 26 j 15:35	22°♓03'16	0.29049 AU
morning rise	-1449 Mar 31 j 14:29	19°♓00'02	
direct	-1449 Apr 17 j 00:14	13°♓48'16	
greatest brilliancy	-1449 Apr 27 j 00:05	15°♓36'42	-4.7m
desc. node	-1449 Apr 29 j 10:33	16°♓32'16	
	-1449 May 20 j 12:48	0°♈	
morning max el	-1449 Jun 04 j 20:25	13°♈35'40	45°46'44
	-1449 Jun 21 j 04:51	0°♉	
	-1449 Jul 18 j 14:00	0°♊	
	-1449 Aug 13 j 07:52	0°♋	
asc. node	-1449 Aug 20 j 12:35	8°♋36'43	
	-1449 Sep 07 j 03:13	0°♌	
	-1449 Oct 01 j 08:50	0°♍	
	-1449 Oct 25 j 07:17	0°♎	
	-1449 Nov 18 j 03:27	0°♏	
morning set	-1449 Dec 04 j 00:03	19°♏56'28	
desc. node	-1449 Dec 10 j 03:42	27°♏40'03	
	-1449 Dec 12 j 00:17	0°♐	
	-1448 Jan 04 j 23:05	0°♑	
superior conj	-1448 Jan 14 j 22:31	12°♑27'39	-1°11'10
minimum elong	-1448 Jan 14 j 12:02	11°♑54'55	1°10'55
max. Earth dist.	-1448 Jan 19 j 01:33	17°♑36'25	1.71936 AU
	-1448 Jan 29 j 00:24	0°♒	
	-1448 Feb 22 j 04:55	0°♓	
evening rise	-1448 Feb 23 j 19:39	1°♓59'43	
	-1448 Mar 17 j 13:27	0°♈	
asc. node	-1448 Apr 01 j 05:16	17°♈56'16	
	-1448 Apr 11 j 02:53	0°♉	
	-1448 May 05 j 22:11	0°♊	
	-1448 May 31 j 01:04	0°♋	
	-1448 Jun 25 j 15:32	0°♌	
desc. node	-1448 Jul 21 j 20:11	29°♌41'00	
	-1448 Jul 22 j 03:04	0°♍	
	-1448 Aug 19 j 15:10	0°♎	
evening max el	-1448 Aug 19 j 23:17	0°♎19'56	46°49'43
	-1448 Sep 28 j 03:57	0°♏	
greatest brilliancy	-1448 Sep 29 j 17:39	0°♏34'01	-4.9m
retrograde	-1448 Oct 09 j 02:23	2°♏12'38	
	-1448 Oct 19 j 12:29	30°℞♎	
evening set	-1448 Oct 24 j 01:18	27°♎47'51	
inferior conj	-1448 Oct 29 j 14:14	24°♎32'43	-3°22'27
minimum elong	-1448 Oct 29 j 21:31	24°♎21'40	3°20'14
min. Earth dist.	-1448 Oct 29 j 17:34	24°♎27'39	0.26366 AU
morning rise	-1448 Nov 04 j 17:43	20°♎58'52	
asc. node	-1448 Nov 11 j 21:39	17°♎59'03	
direct	-1448 Nov 18 j 22:25	16°♎57'31	
greatest brilliancy	-1448 Nov 29 j 04:34	18°♎58'36	-4.9m
	-1448 Dec 17 j 10:13	0°♏	
morning max el	-1447 Jan 08 j 09:30	20°♏01'02	46°43'38
	-1447 Jan 18 j 01:34	0°♐	
	-1447 Feb 14 j 06:48	0°♑	
desc. node	-1447 Mar 03 j 13:16	19°♑50'33	
	-1447 Mar 12 j 06:35	0°♒	
	-1447 Apr 06 j 17:24	0°♓	
	-1447 May 01 j 20:31	0°♈	
	-1447 May 26 j 17:29	0°♉	
	-1447 Jun 20 j 08:17	0°♊	
asc. node	-1447 Jun 24 j 14:55	5°♊14'40	
morning set	-1447 Jul 07 j 05:55	20°♊47'14	
	-1447 Jul 14 j 16:49	0°♋	
	-1447 Aug 07 j 19:52	0°♌	
max. Earth dist.	-1447 Aug 09 j 00:43	1°♌30'03	1.72068 AU
superior conj	-1447 Aug 13 j 00:18	6°♌28'29	1°23'00
minimum elong	-1447 Aug 12 j 21:00	6°♌18'10	1°22'59
	-1447 Aug 31 j 19:16	0°♍	
evening rise	-1447 Sep 20 j 06:53	24°♍26'15	
	-1447 Sep 24 j 17:18	0°♎	
desc. node	-1447 Oct 14 j 06:02	24°♎29'03	
	-1447 Oct 18 j 15:45	0°♏	
	-1447 Nov 11 j 15:53	0°♐	
	-1447 Dec 05 j 19:09	0°♑	
	-1447 Dec 30 j 04:29	0°♒	
	-1446 Jan 24 j 01:38	0°♓	
asc. node	-1446 Feb 04 j 07:22	13°♓14'20	
	-1446 Feb 18 j 21:28	0°♈	
	-1446 Mar 18 j 17:47	0°♉	
evening max el	-1446 Mar 26 j 02:14	7°♉15'31	45°20'15
	-1446 Apr 23 j 02:57	0°♊	
greatest brilliancy	-1446 May 02 j 16:10	4°♊42'11	-4.7m
retrograde	-1446 May 13 j 10:54	6°♊46'26	
desc. node	-1446 May 26 j 22:26	3°♊16'35	
evening set	-1446 May 28 j 10:26	2°♊29'50	
	-1446 Jun 01 j 17:33	30°℞♉	
inferior conj	-1446 Jun 03 j 21:38	28°♉39'18	-1°50'46
minimum elong	-1446 Jun 03 j 17:38	28°♉45'33	1°49'36
min. Earth dist.	-1446 Jun 04 j 04:48	28°♉28'08	0.28863 AU
morning rise	-1446 Jun 10 j 00:27	24°♉59'06	
direct	-1446 Jun 25 j 15:00	20°♉22'04	
greatest brilliancy	-1446 Jul 06 j 09:28	22°♉26'39	-4.7m
	-1446 Jul 20 j 07:37	0°♊	
morning max el	-1446 Aug 14 j 00:22	21°♊03'57	46°13'06
	-1446 Aug 22 j 20:59	0°♋	
asc. node	-1446 Sep 17 j 00:18	27°♋34'23	
	-1446 Sep 19 j 03:00	0°♌	
	-1446 Oct 14 j 11:34	0°♍	
	-1446 Nov 08 j 00:06	0°♎	
	-1446 Dec 02 j 04:26	0°♏	
	-1446 Dec 26 j 06:49	0°♐	
desc. node	-1445 Jan 06 j 15:40	14°♐08'25	
	-1445 Jan 19 j 10:04	0°♑	
	-1445 Feb 12 j 15:06	0°♒	
morning set	-1445 Feb 18 j 06:25	6°♒58'22	
	-1445 Mar 08 j 22:02	0°♓	
superior conj	-1445 Mar 28 j 10:11	24°♓01'31	-1°06'19
minimum elong	-1445 Mar 28 j 19:17	24°♓29'32	1°06'03
max. Earth dist.	-1445 Mar 30 j 01:04	26°♓01'06	1.73405 AU
	-1445 Apr 02 j 06:46	0°♈	
	-1445 Apr 26 j 17:02	0°♉	
asc. node	-1445 Apr 29 j 17:11	3°♉41'15	
evening rise	-1445 May 04 j 07:04	9°♉18'07	

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

	-1445 May 21 j 04:25	0°♊	
	-1445 Jun 14 j 16:51	0°♋	
	-1445 Jul 09 j 07:06	0°♌	
	-1445 Aug 03 j 00:56	0°♍	
desc. node	-1445 Aug 19 j 08:06	19°♍36'00	
	-1445 Aug 28 j 01:16	0°♎	
	-1445 Sep 22 j 13:24	0°♏	
	-1445 Oct 19 j 03:11	0°♐	
evening max el	-1445 Nov 01 j 14:47	14°♐15'32	47°27'47
	-1445 Nov 18 j 02:00	0°♑	
asc. node	-1445 Dec 10 j 09:39	15°♑23'52	
greatest brilliancy	-1445 Dec 12 j 04:46	16°♑08'31	-4.9m
retrograde	-1445 Dec 22 j 17:02	18°♑15'55	
evening set	-1444 Jan 07 j 19:27	13°♑05'56	
min. Earth dist.	-1444 Jan 11 j 13:14	10°♑48'26	0.27495 AU
inferior conj	-1444 Jan 12 j 14:34	10°♑08'30	7°06'29
minimum elong	-1444 Jan 12 j 05:23	10°♑23'00	7°04'52
morning rise	-1444 Jan 16 j 15:48	7°♑38'29	
direct	-1444 Feb 02 j 06:07	2°♑15'41	
greatest brilliancy	-1444 Feb 11 j 01:49	3°♑42'59	-4.8m
	-1444 Mar 19 j 08:53	0°♒	
morning max el	-1444 Mar 22 j 09:16	2°♒52'37	46°03'28
desc. node	-1444 Mar 31 j 00:56	11°♒27'05	
	-1444 Apr 17 j 16:25	0°♓	
	-1444 May 14 j 14:06	0°♈	
	-1444 Jun 09 j 10:35	0°♉	
	-1444 Jul 04 j 14:59	0°♊	
asc. node	-1444 Jul 22 j 02:50	21°♊13'20	
	-1444 Jul 29 j 06:49	0°♋	
	-1444 Aug 22 j 12:43	0°♌	
	-1444 Sep 15 j 11:50	0°♍	
morning set	-1444 Sep 15 j 15:32	0°♍11'40	
	-1444 Oct 09 j 07:33	0°♎	
superior conj	-1444 Oct 25 j 10:42	20°♎20'18	0°37'18
minimum elong	-1444 Oct 25 j 19:38	20°♎48'26	0°36'53
max. Earth dist.	-1444 Oct 26 j 08:51	21°♎30'06	1.70963 AU
	-1444 Nov 02 j 02:44	0°♏	
desc. node	-1444 Nov 10 j 17:58	10°♏52'15	
	-1444 Nov 25 j 23:06	0°♐	
evening rise	-1444 Dec 06 j 13:12	13°♐16'57	
	-1444 Dec 19 j 21:42	0°♑	
	-1443 Jan 12 j 23:37	0°♒	
	-1443 Feb 06 j 06:47	0°♓	
	-1443 Mar 02 j 22:14	0°♈	
asc. node	-1443 Mar 03 j 19:20	1°♈03'35	
	-1443 Mar 28 j 02:15	0°♉	
	-1443 Apr 23 j 01:54	0°♊	
	-1443 May 20 j 14:06	0°♋	
evening max el	-1443 Jun 05 j 01:39	15°♋30'26	45°30'27
	-1443 Jun 21 j 11:22	0°♌	
desc. node	-1443 Jun 23 j 10:28	1°♌32'20	
greatest brilliancy	-1443 Jul 14 j 08:36	13°♌40'05	-4.8m
retrograde	-1443 Jul 23 j 22:37	15°♌19'52	
evening set	-1443 Aug 10 j 15:51	9°♌30'42	
inferior conj	-1443 Aug 14 j 00:32	7°♌29'33	-8°42'05
minimum elong	-1443 Aug 13 j 21:02	7°♌34'53	8°41'54
min. Earth dist.	-1443 Aug 14 j 13:09	7°♌10'19	0.27860 AU
morning rise	-1443 Aug 17 j 02:01	5°♌38'27	
	-1443 Aug 30 j 04:05	30°℞♋	
direct	-1443 Sep 04 j 03:44	29°♋29'41	
	-1443 Sep 09 j 06:11	0°♌	
greatest brilliancy	-1443 Sep 15 j 05:28	1°♌45'54	-4.9m
asc. node	-1443 Oct 14 j 12:03	22°♌31'40	
	-1443 Oct 22 j 05:27	0°♍	
morning max el	-1443 Oct 24 j 20:04	2°♍38'04	46°50'30
	-1443 Nov 18 j 23:16	0°♎	
	-1443 Dec 14 j 14:36	0°♏	
	-1442 Jan 08 j 13:09	0°♐	
	-1442 Feb 02 j 05:59	0°♑	
desc. node	-1442 Feb 03 j 03:29	1°♑05'24	
	-1442 Feb 26 j 21:00	0°♒	
	-1442 Mar 23 j 11:18	0°♓	
	-1442 Apr 17 j 00:57	0°♈	
morning set	-1442 Apr 28 j 19:52	14°♈24'42	
	-1442 May 11 j 13:24	0°♉	
asc. node	-1442 May 27 j 05:11	19°♉12'33	
max. Earth dist.	-1442 Jun 01 j 10:45	25°♉38'25	1.73532 AU
superior conj	-1442 Jun 03 j 23:45	28°♉46'03	0°18'15
minimum elong	-1442 Jun 03 j 20:11	28°♉35'04	0°18'06
	-1442 Jun 04 j 23:47	0°♊	
	-1442 Jun 29 j 07:37	0°♋	
evening rise	-1442 Jul 09 j 16:01	12°♋48'18	
	-1442 Jul 23 j 13:12	0°♌	
	-1442 Aug 16 j 17:52	0°♍	
	-1442 Sep 09 j 23:21	0°♎	
desc. node	-1442 Sep 15 j 20:05	7°♎14'38	
	-1442 Oct 04 j 07:19	0°♏	
	-1442 Oct 28 j 19:52	0°♐	
	-1442 Nov 22 j 17:43	0°♑	
	-1442 Dec 18 j 13:00	0°♒	
asc. node	-1441 Jan 06 j 21:35	21°♒03'42	
evening max el	-1441 Jan 11 j 19:31	26°♒05'10	46°28'41
	-1441 Jan 15 j 18:23	0°♓	
greatest brilliancy	-1441 Feb 20 j 01:02	26°♓08'59	-4.8m
retrograde	-1441 Mar 02 j 20:18	28°♓18'52	
evening set	-1441 Mar 19 j 22:44	22°♓37'11	
inferior conj	-1441 Mar 24 j 04:38	19°♓58'20	6°57'59
minimum elong	-1441 Mar 24 j 13:20	19°♓44'33	6°56'35
min. Earth dist.	-1441 Mar 24 j 06:55	19°♓54'43	0.29028 AU
morning rise	-1441 Mar 29 j 04:09	16°♓53'53	
direct	-1441 Apr 14 j 16:51	11°♓38'16	
greatest brilliancy	-1441 Apr 24 j 14:13	13°♓25'02	-4.7m
desc. node	-1441 Apr 28 j 12:37	14°♓59'16	
	-1441 May 20 j 19:48	0°♈	
morning max el	-1441 Jun 02 j 13:19	11°♈27'57	45°46'26
	-1441 Jun 20 j 22:32	0°♉	
	-1441 Jul 18 j 04:17	0°♊	
	-1441 Aug 12 j 20:42	0°♋	
asc. node	-1441 Aug 19 j 14:35	8°♋04'52	
	-1441 Sep 06 j 15:20	0°♌	
	-1441 Sep 30 j 20:34	0°♍	
	-1441 Oct 24 j 18:49	0°♎	
	-1441 Nov 17 j 14:52	0°♏	
morning set	-1441 Dec 01 j 09:40	17°♏20'15	
desc. node	-1441 Dec 09 j 05:52	27°♏11'19	
	-1441 Dec 11 j 11:36	0°♐	
	-1440 Jan 04 j 10:18	0°♑	
superior conj	-1440 Jan 12 j 09:20	9°♑56'37	-1°09'00
minimum elong	-1440 Jan 11 j 22:26	9°♑22'36	1°08'43
max. Earth dist.	-1440 Jan 16 j 14:47	15°♑13'08	1.71882 AU
	-1440 Jan 28 j 11:34	0°♒	
evening rise	-1440 Feb 21 j 09:32	29°♒39'51	
	-1440 Feb 21 j 16:03	0°♓	
	-1440 Mar 17 j 00:39	0°♈	
asc. node	-1440 Mar 31 j 07:22	17°♈28'18	
	-1440 Apr 10 j 14:17	0°♉	
	-1440 May 05 j 09:59	0°♊	
	-1440 May 30 j 13:40	0°♋	
	-1440 Jun 25 j 05:34	0°♌	
desc. node	-1440 Jul 20 j 22:09	29°♌00'11	
	-1440 Jul 21 j 19:56	0°♍	

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

evening max el	-1440 Aug 17 j 13:03	27°♍56'59	46°46'48
	-1440 Aug 19 j 15:38	0°♎	
greatest brilliancy	-1440 Sep 27 j 06:43	28°♎04'44	-4.9m
retrograde	-1440 Oct 06 j 13:59	29°♎41'38	
evening set	-1440 Oct 21 j 15:49	25°♎14'07	
inferior conj	-1440 Oct 27 j 02:08	22°♎02'24	-3°45'08
minimum elong	-1440 Oct 27 j 10:06	21°♎50'18	3°42'47
min. Earth dist.	-1440 Oct 27 j 06:57	21°♎55'05	0.26381 AU
morning rise	-1440 Nov 02 j 04:20	18°♎29'57	
asc. node	-1440 Nov 10 j 23:50	15°♎04'01	
direct	-1440 Nov 16 j 10:44	14°♎27'10	
greatest brilliancy	-1440 Nov 26 j 18:05	16°♎29'02	-4.9m
	-1440 Dec 18 j 00:46	0°♏	
morning max el	-1439 Jan 05 j 21:59	17°♏32'57	46°44'41
	-1439 Jan 17 j 21:28	0°♐	
	-1439 Feb 13 j 22:15	0°♑	
desc. node	-1439 Mar 02 j 15:18	19°♑15'41	
	-1439 Mar 11 j 20:03	0°♒	
	-1439 Apr 06 j 05:46	0°♓	
	-1439 May 01 j 08:13	0°♈	
	-1439 May 26 j 04:44	0°♉	
	-1439 Jun 19 j 19:17	0°♊	
asc. node	-1439 Jun 23 j 17:03	4°♊47'34	
morning set	-1439 Jul 04 j 23:42	18°♊40'19	
	-1439 Jul 14 j 03:43	0°♋	
max. Earth dist.	-1439 Aug 06 j 14:31	29°♋09'12	1.72132 AU
	-1439 Aug 07 j 06:48	0°♌	
superior conj	-1439 Aug 10 j 16:46	4°♌15'48	1°22'19
minimum elong	-1439 Aug 10 j 12:48	4°♌03'25	1°22'19
	-1439 Aug 31 j 06:21	0°♍	
evening rise	-1439 Sep 17 j 19:27	21°♍59'58	
	-1439 Sep 24 j 04:33	0°♎	
desc. node	-1439 Oct 13 j 08:10	24°♎00'05	
	-1439 Oct 18 j 03:11	0°♏	
	-1439 Nov 11 j 03:30	0°♐	
	-1439 Dec 05 j 07:02	0°♑	
	-1439 Dec 29 j 16:49	0°♒	
	-1438 Jan 23 j 14:48	0°♓	
asc. node	-1438 Feb 03 j 09:21	12°♓40'01	
	-1438 Feb 18 j 12:28	0°♈	
	-1438 Mar 18 j 13:49	0°♉	
evening max el	-1438 Mar 23 j 17:04	5°♉02'16	45°21'27
	-1438 Apr 24 j 14:47	0°♊	
greatest brilliancy	-1438 Apr 30 j 08:34	2°♊33'54	-4.7m
retrograde	-1438 May 11 j 02:40	4°♊38'11	
evening set	-1438 May 26 j 02:39	0°♊21'11	
desc. node	-1438 May 26 j 00:38	0°♊23'52	
	-1438 May 26 j 18:10	30°℞♉	
inferior conj	-1438 Jun 01 j 14:00	26°♉30'38	-1°31'24
minimum elong	-1438 Jun 01 j 10:40	26°♉35'50	1°30'25
min. Earth dist.	-1438 Jun 01 j 21:48	26°♉18'28	0.28883 AU
morning rise	-1438 Jun 07 j 18:12	22°♉48'09	
direct	-1438 Jun 23 j 06:51	18°♉12'53	
greatest brilliancy	-1438 Jul 04 j 02:19	20°♉17'50	-4.7m
	-1438 Jul 21 j 00:45	0°♊	
morning max el	-1438 Aug 11 j 14:59	18°♊48'28	46°11'45
	-1438 Aug 22 j 15:57	0°♋	
asc. node	-1438 Sep 16 j 02:28	26°♋57'26	
	-1438 Sep 18 j 17:49	0°♌	
	-1438 Oct 14 j 00:46	0°♍	
	-1438 Nov 07 j 12:30	0°♎	
	-1438 Dec 01 j 16:22	0°♏	
	-1438 Dec 25 j 18:24	0°♐	
desc. node	-1437 Jan 05 j 17:43	13°♐39'09	
	-1437 Jan 18 j 21:23	0°♑	
	-1437 Feb 12 j 02:11	0°♒	
morning set	-1437 Feb 15 j 19:54	4°♒37'33	
	-1437 Mar 08 j 08:56	0°♓	
superior conj	-1437 Mar 26 j 02:49	21°♓51'51	-1°08'19
minimum elong	-1437 Mar 26 j 11:48	22°♓19'29	1°08'04
max. Earth dist.	-1437 Mar 27 j 19:21	23°♓56'30	1.73369 AU
	-1437 Apr 01 j 17:34	0°♈	
	-1437 Apr 26 j 03:50	0°♉	
asc. node	-1437 Apr 28 j 19:22	3°♉14'48	
evening rise	-1437 May 02 j 01:36	7°♉14'35	
	-1437 May 20 j 15:20	0°♊	
	-1437 Jun 14 j 04:03	0°♋	
	-1437 Jul 08 j 18:44	0°♌	
	-1437 Aug 02 j 13:13	0°♍	
desc. node	-1437 Aug 18 j 10:09	19°♍03'31	
	-1437 Aug 27 j 14:36	0°♎	
	-1437 Sep 22 j 04:33	0°♏	
	-1437 Oct 18 j 22:11	0°♐	
evening max el	-1437 Oct 30 j 04:32	11°♐50'41	47°28'07
	-1437 Nov 18 j 11:27	0°♑	
asc. node	-1437 Dec 09 j 11:45	13°♑37'27	
greatest brilliancy	-1437 Dec 09 j 20:05	13°♑45'37	-4.9m
retrograde	-1437 Dec 20 j 07:26	15°♑52'37	
evening set	-1436 Jan 05 j 06:17	10°♑47'52	
min. Earth dist.	-1436 Jan 09 j 03:23	8°♑26'00	0.27424 AU
inferior conj	-1436 Jan 10 j 04:40	7°♑46'15	6°53'56
minimum elong	-1436 Jan 09 j 19:12	8°♑01'09	6°52'09
morning rise	-1436 Jan 14 j 08:36	5°♑12'33	
	-1436 Jan 28 j 14:57	30°℞♐	
direct	-1436 Jan 30 j 18:52	29°♐54'19	
	-1436 Feb 01 j 23:28	0°♑	
greatest brilliancy	-1436 Feb 08 j 15:56	1°♑22'44	-4.8m
	-1436 Mar 19 j 08:45	0°♒	
morning max el	-1436 Mar 19 j 23:35	0°♒35'44	46°04'52
desc. node	-1436 Mar 30 j 03:06	10°♒42'03	
	-1436 Apr 17 j 08:37	0°♓	
	-1436 May 14 j 03:37	0°♈	
	-1436 Jun 08 j 22:48	0°♉	
	-1436 Jul 04 j 02:30	0°♊	
asc. node	-1436 Jul 21 j 04:46	20°♊44'54	
	-1436 Jul 28 j 17:58	0°♋	
	-1436 Aug 21 j 23:41	0°♌	
morning set	-1436 Sep 13 j 05:31	27°♌50'31	
	-1436 Sep 14 j 22:44	0°♍	
	-1436 Oct 08 j 18:28	0°♎	
superior conj	-1436 Oct 22 j 21:14	17°♎47'42	0°40'45
minimum elong	-1436 Oct 23 j 06:43	18°♎17'38	0°40'20
max. Earth dist.	-1436 Oct 23 j 17:16	18°♎50'53	1.70972 AU
	-1436 Nov 01 j 13:41	0°♏	
desc. node	-1436 Nov 09 j 20:08	10°♏24'29	
	-1436 Nov 25 j 10:09	0°♐	
evening rise	-1436 Dec 03 j 22:48	10°♐41'59	
	-1436 Dec 19 j 08:49	0°♑	
	-1435 Jan 12 j 10:49	0°♒	
	-1435 Feb 05 j 18:09	0°♓	
	-1435 Mar 02 j 10:00	0°♈	
asc. node	-1435 Mar 02 j 21:27	0°♈34'28	
	-1435 Mar 27 j 14:50	0°♉	
	-1435 Apr 22 j 16:12	0°♊	
	-1435 May 20 j 08:31	0°♋	
evening max el	-1435 Jun 02 j 16:53	13°♋17'33	45°28'46
	-1435 Jun 21 j 23:32	0°♌	
desc. node	-1435 Jun 22 j 12:27	0°♌24'21	
greatest brilliancy	-1435 Jul 11 j 20:03	11°♌20'46	-4.8m
retrograde	-1435 Jul 21 j 12:45	13°♌02'22	
evening set	-1435 Aug 08 j 02:57	7°♌16'49	

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

inferior conj	-1435 Aug 11 j 14:33	5°♌11'15	-8°37'31
minimum elong	-1435 Aug 11 j 10:14	5°♌17'49	8°37'15
min. Earth dist.	-1435 Aug 12 j 02:11	4°♌53'31	0.27911 AU
morning rise	-1435 Aug 14 j 17:20	3°♌18'13	
	-1435 Aug 20 j 21:34	30°℞♋	
direct	-1435 Sep 01 j 19:06	27°♋10'43	
greatest brilliancy	-1435 Sep 12 j 19:28	29°♋25'59	-4.9m
	-1435 Sep 14 j 04:37	0°♌	
asc. node	-1435 Oct 13 j 14:09	21°♌34'00	
	-1435 Oct 22 j 04:03	0°♍	
morning max el	-1435 Oct 22 j 11:14	0°♍18'17	46°49'45
	-1435 Nov 18 j 15:27	0°♎	
	-1435 Dec 14 j 04:29	0°♏	
	-1434 Jan 08 j 01:51	0°♐	
	-1434 Feb 01 j 17:58	0°♑	
desc. node	-1434 Feb 02 j 05:29	0°♑35'06	
	-1434 Feb 26 j 08:27	0°♒	
	-1434 Mar 22 j 22:23	0°♓	
	-1434 Apr 16 j 11:45	0°♈	
morning set	-1434 Apr 26 j 14:09	12°♈20'59	
	-1434 May 11 j 00:02	0°♉	
asc. node	-1434 May 26 j 07:15	18°♉46'20	
max. Earth dist.	-1434 May 30 j 09:47	23°♉49'04	1.73555 AU
superior conj	-1434 Jun 01 j 18:23	26°♉43'05	0°15'13
minimum elong	-1434 Jun 01 j 15:23	26°♉33'52	0°15'05
behind sun begin	-1434 Jun 01 j 08:43	26°♉13'21	
behind sun end	-1434 Jun 01 j 22:04	26°♉54'24	
	-1434 Jun 04 j 10:24	0°♊	
	-1434 Jun 28 j 18:18	0°♋	
evening rise	-1434 Jul 07 j 10:33	10°♋43'52	
	-1434 Jul 23 j 00:04	0°♌	
	-1434 Aug 16 j 05:01	0°♍	
	-1434 Sep 09 j 10:53	0°♎	
desc. node	-1434 Sep 14 j 22:16	6°♎45'30	
	-1434 Oct 03 j 19:19	0°♏	
	-1434 Oct 28 j 08:31	0°♐	
	-1434 Nov 22 j 07:28	0°♑	
	-1434 Dec 18 j 05:05	0°♒	
asc. node	-1433 Jan 05 j 23:31	20°♒17'14	
evening max el	-1433 Jan 09 j 11:57	23°♒52'22	46°31'24
	-1433 Jan 15 j 17:40	0°♓	
greatest brilliancy	-1433 Feb 17 j 17:52	23°♓59'26	-4.8m
retrograde	-1433 Feb 28 j 13:16	26°♓09'11	
evening set	-1433 Mar 17 j 17:52	20°♓23'56	
inferior conj	-1433 Mar 21 j 21:13	17°♓48'35	7°08'52
minimum elong	-1433 Mar 22 j 05:38	17°♓35'13	7°07'36
min. Earth dist.	-1433 Mar 21 j 22:22	17°♓46'45	0.29007 AU
morning rise	-1433 Mar 26 j 17:40	14°♓48'28	
direct	-1433 Apr 12 j 09:31	9°♓29'10	
greatest brilliancy	-1433 Apr 22 j 04:26	11°♓14'03	-4.7m
desc. node	-1433 Apr 27 j 14:46	13°♓30'09	
	-1433 May 21 j 00:20	0°♈	
morning max el	-1433 May 31 j 05:31	9°♈19'24	45°46'11
	-1433 Jun 20 j 15:30	0°♉	
	-1433 Jul 17 j 18:03	0°♊	
	-1433 Aug 12 j 09:05	0°♋	
asc. node	-1433 Aug 18 j 16:43	7°♋34'41	
	-1433 Sep 06 j 03:01	0°♌	
	-1433 Sep 30 j 07:55	0°♍	
	-1433 Oct 24 j 06:00	0°♎	
	-1433 Nov 17 j 01:57	0°♏	
morning set	-1433 Nov 28 j 19:37	14°♏46'07	
desc. node	-1433 Dec 08 j 07:53	26°♏43'13	
	-1433 Dec 10 j 22:34	0°♐	
	-1432 Jan 03 j 21:10	0°♑	

superior conj	-1432 Jan 09 j 20:22	7°♑27'21	-1°06'43
minimum elong	-1432 Jan 09 j 09:09	6°♑52'18	1°06'23
max. Earth dist.	-1432 Jan 14 j 05:03	12°♑54'06	1.71826 AU
	-1432 Jan 27 j 22:22	0°♒	
evening rise	-1432 Feb 18 j 23:27	27°♒21'06	
	-1432 Feb 21 j 02:51	0°♓	
	-1432 Mar 16 j 11:32	0°♈	
asc. node	-1432 Mar 30 j 09:31	17°♈01'23	
	-1432 Apr 10 j 01:23	0°♉	
	-1432 May 04 j 21:33	0°♊	
	-1432 May 30 j 02:02	0°♋	
	-1432 Jun 24 j 19:26	0°♌	
desc. node	-1432 Jul 20 j 00:14	28°♌20'07	
	-1432 Jul 21 j 12:49	0°♍	
evening max el	-1432 Aug 15 j 01:49	25°♍32'43	46°43'53
	-1432 Aug 19 j 16:54	0°♎	
greatest brilliancy	-1432 Sep 24 j 20:08	25°♎37'03	-4.9m
retrograde	-1432 Oct 04 j 01:07	27°♎12'00	
evening set	-1432 Oct 19 j 06:29	22°♎41'16	
inferior conj	-1432 Oct 24 j 14:07	19°♎33'20	-4°07'19
minimum elong	-1432 Oct 24 j 22:41	19°♎20'17	4°04'51
min. Earth dist.	-1432 Oct 24 j 20:38	19°♎23'24	0.26403 AU
morning rise	-1432 Oct 30 j 14:44	16°♎02'34	
asc. node	-1432 Nov 10 j 01:55	12°♎16'05	
direct	-1432 Nov 13 j 22:40	11°♎57'39	
greatest brilliancy	-1432 Nov 24 j 08:14	14°♎01'06	-4.9m
	-1432 Dec 18 j 11:18	0°♏	
morning max el	-1431 Jan 03 j 10:06	15°♏04'28	46°45'52
	-1431 Jan 17 j 16:29	0°♐	
	-1431 Feb 13 j 13:10	0°♑	
desc. node	-1431 Mar 01 j 17:30	18°♑42'23	
	-1431 Mar 11 j 09:06	0°♒	
	-1431 Apr 05 j 17:47	0°♓	
	-1431 Apr 30 j 19:36	0°♈	
	-1431 May 25 j 15:45	0°♉	
	-1431 Jun 19 j 06:05	0°♊	
asc. node	-1431 Jun 22 j 19:03	4°♊20'33	
morning set	-1431 Jul 02 j 17:26	16°♊33'49	
	-1431 Jul 13 j 14:26	0°♋	
max. Earth dist.	-1431 Aug 04 j 06:23	26°♋55'29	1.72193 AU
	-1431 Aug 06 j 17:33	0°♌	
superior conj	-1431 Aug 08 j 09:16	2°♌03'56	1°21'32
minimum elong	-1431 Aug 08 j 04:41	1°♌49'36	1°21'30
	-1431 Aug 30 j 17:13	0°♍	
evening rise	-1431 Sep 15 j 08:17	19°♍35'23	
	-1431 Sep 23 j 15:35	0°♎	
desc. node	-1431 Oct 12 j 10:16	23°♎31'40	
	-1431 Oct 17 j 14:25	0°♏	
	-1431 Nov 10 j 14:58	0°♐	
	-1431 Dec 04 j 18:49	0°♑	
	-1431 Dec 29 j 05:03	0°♒	
	-1430 Jan 23 j 03:53	0°♓	
asc. node	-1430 Feb 02 j 11:32	12°♓06'36	
	-1430 Feb 18 j 03:27	0°♈	
	-1430 Mar 18 j 10:16	0°♉	
evening max el	-1430 Mar 21 j 07:42	2°♉49'08	45°22'45
	-1430 Apr 26 j 21:59	0°♊	
greatest brilliancy	-1430 Apr 28 j 00:19	0°♊25'23	-4.7m
retrograde	-1430 May 08 j 18:45	2°♊30'33	
	-1430 May 20 j 03:02	30°℞♉	
evening set	-1430 May 23 j 19:02	28°♉12'38	
desc. node	-1430 May 25 j 02:37	27°♉28'57	
inferior conj	-1430 May 30 j 06:21	24°♉22'19	-1°11'57
minimum elong	-1430 May 30 j 03:43	24°♉26'25	1°11'09
min. Earth dist.	-1430 May 30 j 14:35	24°♉09'28	0.28906 AU
morning rise	-1430 Jun 05 j 11:53	20°♉37'56	

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

direct	-1430 Jun 20 j 22:53	16°♉03'51	
greatest brilliancy	-1430 Jul 01 j 19:22	18°♉09'37	-4.7m
	-1430 Jul 21 j 13:29	0°♊	
morning max el	-1430 Aug 09 j 06:32	16°♊35'27	46°10'27
	-1430 Aug 22 j 10:25	0°♋	
asc. node	-1430 Sep 15 j 04:36	26°♋20'49	
	-1430 Sep 18 j 08:25	0°♌	
	-1430 Oct 13 j 13:49	0°♍	
	-1430 Nov 07 j 00:46	0°♎	
	-1430 Dec 01 j 04:10	0°♏	
	-1430 Dec 25 j 05:54	0°♐	
desc. node	-1429 Jan 04 j 19:43	13°♐09'53	
	-1429 Jan 18 j 08:39	0°♑	
	-1429 Feb 11 j 13:15	0°♒	
morning set	-1429 Feb 13 j 09:08	2°♒15'50	
	-1429 Mar 07 j 19:50	0°♓	
superior conj	-1429 Mar 23 j 19:25	19°♓41'57	-1°10'14
minimum elong	-1429 Mar 24 j 04:13	20°♓09'01	1°09'59
max. Earth dist.	-1429 Mar 25 j 13:14	21°♓50'38	1.73331 AU
	-1429 Apr 01 j 04:22	0°♈	
	-1429 Apr 25 j 14:37	0°♉	
asc. node	-1429 Apr 27 j 21:25	2°♉48'00	
evening rise	-1429 Apr 29 j 20:11	5°♉11'19	
	-1429 May 20 j 02:16	0°♊	
	-1429 Jun 13 j 15:18	0°♋	
	-1429 Jul 08 j 06:28	0°♌	
	-1429 Aug 02 j 01:41	0°♍	
desc. node	-1429 Aug 17 j 12:18	18°♍30'50	
	-1429 Aug 27 j 04:10	0°♎	
	-1429 Sep 21 j 20:00	0°♏	
	-1429 Oct 18 j 17:47	0°♐	
evening max el	-1429 Oct 27 j 19:01	9°♐27'34	47°28'34
	-1429 Nov 19 j 00:12	0°♑	
greatest brilliancy	-1429 Dec 07 j 10:45	11°♑21'36	-4.9m
asc. node	-1429 Dec 08 j 13:45	11°♑46'30	
retrograde	-1429 Dec 17 j 22:12	13°♑28'56	
evening set	-1428 Jan 02 j 17:08	8°♑29'03	
min. Earth dist.	-1428 Jan 06 j 17:11	6°♑03'21	0.27354 AU
inferior conj	-1428 Jan 07 j 18:42	5°♑23'23	6°40'30
minimum elong	-1428 Jan 07 j 09:02	5°♑38'32	6°38'34
morning rise	-1428 Jan 12 j 01:27	2°♑46'01	
	-1428 Jan 17 j 09:14	30°℞♐	
direct	-1428 Jan 28 j 08:12	27°♐32'20	
greatest brilliancy	-1428 Feb 06 j 05:37	29°♐01'32	-4.8m
	-1428 Feb 08 j 22:13	0°♑	
morning max el	-1428 Mar 17 j 14:42	28°♑20'20	46°06'14
	-1428 Mar 19 j 07:43	0°♒	
desc. node	-1428 Mar 29 j 05:10	9°♒57'01	
	-1428 Apr 17 j 00:41	0°♓	
	-1428 May 13 j 17:09	0°♈	
	-1428 Jun 08 j 11:05	0°♉	
	-1428 Jul 03 j 14:08	0°♊	
asc. node	-1428 Jul 20 j 06:59	20°♊16'53	
	-1428 Jul 28 j 05:16	0°♋	
	-1428 Aug 21 j 10:51	0°♌	
morning set	-1428 Sep 10 j 19:25	25°♌28'30	
	-1428 Sep 14 j 09:52	0°♍	
	-1428 Oct 08 j 05:37	0°♎	
superior conj	-1428 Oct 20 j 07:36	15°♎13'49	0°44'09
minimum elong	-1428 Oct 20 j 17:34	15°♎45'15	0°43'43
max. Earth dist.	-1428 Oct 21 j 01:11	16°♎09'14	1.70978 AU
	-1428 Nov 01 j 00:54	0°♏	
desc. node	-1428 Nov 08 j 22:07	9°♏55'28	
	-1428 Nov 24 j 21:24	0°♐	
evening rise	-1428 Dec 01 j 08:05	8°♐05'18	
	-1428 Dec 18 j 20:08	0°♑	
	-1427 Jan 11 j 22:13	0°♒	
	-1427 Feb 05 j 05:47	0°♓	
asc. node	-1427 Mar 01 j 23:36	0°♈04'33	
	-1427 Mar 01 j 22:05	0°♈	
	-1427 Mar 27 j 03:48	0°♉	
	-1427 Apr 22 j 06:57	0°♊	
	-1427 May 20 j 03:41	0°♋	
evening max el	-1427 May 31 j 08:21	11°♋04'38	45°27'09
desc. node	-1427 Jun 21 j 14:31	29°♋13'58	
	-1427 Jun 22 j 16:09	0°♌	
greatest brilliancy	-1427 Jul 09 j 07:55	9°♌01'36	-4.8m
retrograde	-1427 Jul 19 j 02:35	10°♌44'20	
evening set	-1427 Aug 05 j 13:55	5°♌03'03	
inferior conj	-1427 Aug 09 j 04:38	2°♌52'35	-8°32'10
minimum elong	-1427 Aug 08 j 23:33	3°♌00'20	8°31'46
min. Earth dist.	-1427 Aug 09 j 15:22	2°♌36'10	0.27961 AU
morning rise	-1427 Aug 12 j 09:02	0°♌57'01	
	-1427 Aug 14 j 00:17	30°℞♋	
direct	-1427 Aug 30 j 10:30	24°♋51'29	
greatest brilliancy	-1427 Sep 10 j 09:24	27°♋05'18	-4.9m
	-1427 Sep 16 j 12:42	0°♌	
asc. node	-1427 Oct 12 j 16:14	20°♌36'25	
morning max el	-1427 Oct 20 j 01:34	27°♌55'14	46°48'46
	-1427 Oct 22 j 02:14	0°♍	
	-1427 Nov 18 j 07:49	0°♎	
	-1427 Dec 13 j 18:39	0°♏	
	-1426 Jan 07 j 14:51	0°♐	
desc. node	-1426 Feb 01 j 07:44	0°♑04'38	
	-1426 Feb 01 j 06:13	0°♑	
	-1426 Feb 25 j 20:11	0°♒	
	-1426 Mar 22 j 09:44	0°♓	
	-1426 Apr 15 j 22:53	0°♈	
morning set	-1426 Apr 24 j 08:22	10°♈16'05	
	-1426 May 10 j 11:02	0°♉	
asc. node	-1426 May 25 j 09:17	18°♉19'00	
max. Earth dist.	-1426 May 28 j 07:04	21°♉53'20	1.73574 AU
superior conj	-1426 May 30 j 13:09	24°♉39'32	0°12'10
minimum elong	-1426 May 30 j 10:44	24°♉32'08	0°12'04
behind sun begin	-1426 May 29 j 20:14	23°♉47'33	
behind sun end	-1426 May 31 j 01:14	25°♉16'43	
	-1426 Jun 03 j 21:21	0°♊	
	-1426 Jun 28 j 05:18	0°♋	
evening rise	-1426 Jul 05 j 05:18	8°♋39'09	
	-1426 Jul 22 j 11:14	0°♌	
	-1426 Aug 15 j 16:30	0°♍	
	-1426 Sep 08 j 22:46	0°♎	
desc. node	-1426 Sep 14 j 00:21	6°♎15'01	
	-1426 Oct 03 j 07:44	0°♏	
	-1426 Oct 27 j 21:40	0°♐	
	-1426 Nov 21 j 21:49	0°♑	
	-1426 Dec 17 j 21:58	0°♒	
asc. node	-1425 Jan 05 j 01:44	19°♒29'18	
evening max el	-1425 Jan 07 j 03:26	21°♒35'30	46°34'14
	-1425 Jan 15 j 18:41	0°♓	
greatest brilliancy	-1425 Feb 15 j 11:14	21°♓48'54	-4.8m
retrograde	-1425 Feb 26 j 05:46	23°♓57'52	
evening set	-1425 Mar 15 j 12:53	18°♓09'14	
inferior conj	-1425 Mar 19 j 13:45	15°♓37'21	7°19'13
minimum elong	-1425 Mar 19 j 21:50	15°♓24'28	7°18'03
min. Earth dist.	-1425 Mar 19 j 14:00	15°♓36'57	0.28982 AU
morning rise	-1425 Mar 24 j 07:02	12°♓41'33	
direct	-1425 Apr 10 j 01:44	7°♓18'35	
greatest brilliancy	-1425 Apr 19 j 18:57	9°♓01'53	-4.7m
desc. node	-1425 Apr 26 j 16:50	12°♓02'26	
	-1425 May 21 j 03:42	0°♈	

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

morning max el	-1425 May 28 j 20:47	7°♈07'17	45°46'01
	-1425 Jun 20 j 08:34	0°♉	
	-1425 Jul 17 j 08:04	0°♊	
	-1425 Aug 11 j 21:45	0°♋	
asc. node	-1425 Aug 17 j 18:52	7°♋03'37	
	-1425 Sep 05 j 15:00	0°♌	
	-1425 Sep 29 j 19:34	0°♍	
	-1425 Oct 23 j 17:30	0°♎	
	-1425 Nov 16 j 13:22	0°♏	
morning set	-1425 Nov 26 j 05:21	12°♏09'59	
desc. node	-1425 Dec 07 j 09:58	26°♏14'05	
	-1425 Dec 10 j 09:56	0°♐	
	-1424 Jan 03 j 08:28	0°♑	
superior conj	-1424 Jan 07 j 06:51	4°♑54'57	-1°04'14
minimum elong	-1424 Jan 06 j 19:24	4°♑19'10	1°03'54
max. Earth dist.	-1424 Jan 11 j 16:42	10°♑25'28	1.71769 AU
	-1424 Jan 27 j 09:36	0°♒	
evening rise	-1424 Feb 16 j 12:43	24°♒58'54	
	-1424 Feb 20 j 14:04	0°♓	
	-1424 Mar 15 j 22:50	0°♈	
asc. node	-1424 Mar 29 j 11:32	16°♈32'46	
	-1424 Apr 09 j 12:56	0°♉	
	-1424 May 04 j 09:34	0°♊	
	-1424 May 29 j 14:56	0°♋	
	-1424 Jun 24 j 09:53	0°♌	
desc. node	-1424 Jul 19 j 02:28	27°♌38'54	
	-1424 Jul 21 j 06:27	0°♍	
evening max el	-1424 Aug 12 j 13:43	23°♍05'33	46°41'04
	-1424 Aug 19 j 19:56	0°♎	
greatest brilliancy	-1424 Sep 22 j 09:35	23°♎09'00	-4.9m
retrograde	-1424 Oct 01 j 12:23	24°♎42'25	
evening set	-1424 Oct 16 j 21:23	20°♎07'52	
inferior conj	-1424 Oct 22 j 02:17	17°♎04'06	-4°28'51
minimum elong	-1424 Oct 22 j 11:24	16°♎50'14	4°26'16
min. Earth dist.	-1424 Oct 22 j 10:29	16°♎51'37	0.26430 AU
morning rise	-1424 Oct 28 j 01:06	13°♎35'31	
asc. node	-1424 Nov 09 j 03:57	9°♎34'05	
direct	-1424 Nov 11 j 10:36	9°♎27'43	
greatest brilliancy	-1424 Nov 21 j 22:49	11°♎33'18	-4.9m
	-1424 Dec 18 j 19:22	0°♏	
morning max el	-1424 Dec 31 j 22:38	12°♏35'53	46°46'52
	-1423 Jan 17 j 11:23	0°♐	
	-1423 Feb 13 j 04:20	0°♑	
desc. node	-1423 Feb 28 j 19:32	18°♑07'33	
	-1423 Mar 10 j 22:30	0°♒	
	-1423 Apr 05 j 06:10	0°♓	
	-1423 Apr 30 j 07:21	0°♈	
	-1423 May 25 j 03:05	0°♉	
	-1423 Jun 18 j 17:12	0°♊	
asc. node	-1423 Jun 21 j 21:13	3°♊53'07	
morning set	-1423 Jun 30 j 11:08	14°♊26'20	
	-1423 Jul 13 j 01:29	0°♋	
max. Earth dist.	-1423 Aug 01 j 23:50	24°♋45'44	1.72253 AU
superior conj	-1423 Aug 06 j 01:55	29°♋51'31	1°20'37
minimum elong	-1423 Aug 05 j 20:43	29°♋35'18	1°20'33
	-1423 Aug 06 j 04:38	0°♌	
	-1423 Aug 30 j 04:24	0°♍	
evening rise	-1423 Sep 12 j 21:32	17°♍11'14	
	-1423 Sep 23 j 02:54	0°♎	
desc. node	-1423 Oct 11 j 12:16	23°♎02'09	
	-1423 Oct 17 j 01:54	0°♏	
	-1423 Nov 10 j 02:40	0°♐	
	-1423 Dec 04 j 06:49	0°♑	
	-1423 Dec 28 j 17:34	0°♒	
	-1422 Jan 22 j 17:21	0°♓	
asc. node	-1422 Feb 01 j 13:38	11°♓31'50	
	-1422 Feb 17 j 18:59	0°♈	
	-1422 Mar 18 j 07:52	0°♉	
evening max el	-1422 Mar 18 j 22:54	0°♉36'22	45°24'13
greatest brilliancy	-1422 Apr 25 j 15:47	28°♉15'40	-4.7m
	-1422 May 02 j 01:37	0°♊	
retrograde	-1422 May 06 j 11:25	0°♊22'06	
	-1422 May 10 j 19:05	30°℞♉	
evening set	-1422 May 21 j 11:37	26°♉03'05	
desc. node	-1422 May 24 j 04:42	24°♉30'41	
inferior conj	-1422 May 27 j 22:42	22°♉13'03	-0°52'20
minimum elong	-1422 May 27 j 20:46	22°♉16'03	0°51'45
min. Earth dist.	-1422 May 28 j 07:02	22°♉00'05	0.28929 AU
morning rise	-1422 Jun 03 j 05:28	18°♉27'11	
direct	-1422 Jun 18 j 15:18	13°♉54'04	
greatest brilliancy	-1422 Jun 29 j 11:54	16°♉00'14	-4.7m
	-1422 Jul 21 j 23:16	0°♊	
morning max el	-1422 Aug 06 j 22:53	14°♊23'57	46°09'06
	-1422 Aug 22 j 04:41	0°♋	
asc. node	-1422 Sep 14 j 06:36	25°♋43'23	
	-1422 Sep 17 j 23:05	0°♌	
	-1422 Oct 13 j 03:00	0°♍	
	-1422 Nov 06 j 13:09	0°♎	
	-1422 Nov 30 j 16:05	0°♏	
	-1422 Dec 24 j 17:29	0°♐	
desc. node	-1421 Jan 03 j 21:56	12°♐41'06	
	-1421 Jan 17 j 20:00	0°♑	
morning set	-1421 Feb 10 j 22:24	29°♑53'46	
	-1421 Feb 11 j 00:24	0°♒	
	-1421 Mar 07 j 06:51	0°♓	
superior conj	-1421 Mar 21 j 11:52	17°♓31'06	-1°12'01
minimum elong	-1421 Mar 21 j 20:25	17°♓57'25	1°11'48
max. Earth dist.	-1421 Mar 23 j 07:49	19°♓46'26	1.73297 AU
	-1421 Mar 31 j 15:18	0°♈	
	-1421 Apr 25 j 01:33	0°♉	
asc. node	-1421 Apr 26 j 23:29	2°♉20'45	
evening rise	-1421 Apr 27 j 14:34	3°♉07'00	
	-1421 May 19 j 13:22	0°♊	
	-1421 Jun 13 j 02:41	0°♋	
	-1421 Jul 07 j 18:21	0°♌	
	-1421 Aug 01 j 14:18	0°♍	
desc. node	-1421 Aug 16 j 14:20	17°♍57'20	
	-1421 Aug 26 j 17:57	0°♎	
	-1421 Sep 21 j 11:48	0°♏	
	-1421 Oct 18 j 14:04	0°♐	
evening max el	-1421 Oct 25 j 10:36	7°♐07'07	47°28'56
	-1421 Nov 19 j 17:11	0°♑	
greatest brilliancy	-1421 Dec 05 j 01:07	8°♑57'19	-4.9m
asc. node	-1421 Dec 07 j 15:58	9°♑51'28	
retrograde	-1421 Dec 15 j 13:20	11°♑05'14	
evening set	-1421 Dec 31 j 04:10	6°♑10'18	
min. Earth dist.	-1420 Jan 04 j 06:46	3°♑41'09	0.27280 AU
inferior conj	-1420 Jan 05 j 08:44	3°♑00'34	6°26'16
minimum elong	-1420 Jan 04 j 22:57	3°♑15'53	6°24'13
morning rise	-1420 Jan 09 j 18:20	0°♑19'35	
	-1420 Jan 10 j 07:57	30°℞♐	
direct	-1420 Jan 25 j 22:03	25°♐10'48	
greatest brilliancy	-1420 Feb 03 j 18:46	26°♐40'02	-4.8m
	-1420 Feb 11 j 11:37	0°♑	
morning max el	-1420 Mar 15 j 05:56	26°♑05'34	46°07'28
	-1420 Mar 19 j 05:38	0°♒	
desc. node	-1420 Mar 28 j 07:13	9°♒12'55	
	-1420 Apr 16 j 16:25	0°♓	
	-1420 May 13 j 06:32	0°♈	
	-1420 Jun 07 j 23:19	0°♉	
	-1420 Jul 03 j 01:44	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	-1420 Jul 19 j 09:06	19°♊48'42	
	-1420 Jul 27 j 16:32	0°♋	
	-1420 Aug 20 j 21:57	0°♌	
morning set	-1420 Sep 08 j 09:25	23°♌07'09	
	-1420 Sep 13 j 20:55	0°♍	
	-1420 Oct 07 j 16:42	0°♎	
superior conj	-1420 Oct 17 j 18:11	12°♎40'51	0°47'26
minimum elong	-1420 Oct 18 j 04:32	13°♎13'27	0°47'00
max. Earth dist.	-1420 Oct 18 j 07:21	13°♎22'21	1.70988 AU
	-1420 Oct 31 j 12:03	0°♏	
desc. node	-1420 Nov 08 j 00:15	9°♏27'01	
	-1420 Nov 24 j 08:37	0°♐	
evening rise	-1420 Nov 28 j 17:21	5°♐28'40	
	-1420 Dec 18 j 07:23	0°♑	
	-1419 Jan 11 j 09:32	0°♒	
	-1419 Feb 04 j 17:16	0°♓	
asc. node	-1419 Mar 01 j 01:37	29°♓34'45	
	-1419 Mar 01 j 10:00	0°♈	
	-1419 Mar 26 j 16:38	0°♉	
	-1419 Apr 21 j 21:42	0°♊	
	-1419 May 19 j 23:15	0°♋	
evening max el	-1419 May 28 j 23:34	8°♋51'35	45°25'27
desc. node	-1419 Jun 20 j 16:44	28°♋02'17	
	-1419 Jun 23 j 14:10	0°♌	
greatest brilliancy	-1419 Jul 06 j 20:42	6°♌44'09	-4.7m
retrograde	-1419 Jul 16 j 16:08	8°♌27'16	
evening set	-1419 Aug 03 j 00:51	2°♌50'46	
inferior conj	-1419 Aug 06 j 18:55	0°♌35'07	-8°25'53
minimum elong	-1419 Aug 06 j 13:07	0°♌44'00	8°25'23
min. Earth dist.	-1419 Aug 07 j 05:06	0°♌19'31	0.28009 AU
	-1419 Aug 07 j 17:51	30°℞♋	
morning rise	-1419 Aug 10 j 01:11	28°♋36'28	
direct	-1419 Aug 28 j 01:32	22°♋33'28	
greatest brilliancy	-1419 Sep 07 j 23:47	24°♋46'04	-4.9m
	-1419 Sep 18 j 00:33	0°♌	
asc. node	-1419 Oct 11 j 18:21	19°♌40'45	
morning max el	-1419 Oct 17 j 14:57	25°♌30'33	46°47'42
	-1419 Oct 21 j 23:22	0°♍	
	-1419 Nov 17 j 23:42	0°♎	
	-1419 Dec 13 j 08:29	0°♏	
	-1418 Jan 07 j 03:35	0°♐	
desc. node	-1418 Jan 31 j 09:43	29°♐34'04	
	-1418 Jan 31 j 18:12	0°♑	
	-1418 Feb 25 j 07:39	0°♒	
	-1418 Mar 21 j 20:49	0°♓	
	-1418 Apr 15 j 09:42	0°♈	
morning set	-1418 Apr 22 j 02:51	8°♈12'55	
	-1418 May 09 j 21:44	0°♉	
asc. node	-1418 May 24 j 11:30	17°♉53'03	
max. Earth dist.	-1418 May 26 j 03:41	19°♉56'30	1.73596 AU
superior conj	-1418 May 28 j 08:10	22°♉37'44	0°09'08
minimum elong	-1418 May 28 j 06:21	22°♉32'09	0°09'04
behind sun begin	-1418 May 27 j 11:58	21°♉35'40	
behind sun end	-1418 May 29 j 00:44	23°♉28'38	
	-1418 Jun 03 j 08:02	0°♊	
	-1418 Jun 27 j 16:04	0°♋	
evening rise	-1418 Jul 03 j 00:13	6°♋35'49	
	-1418 Jul 21 j 22:12	0°♌	
	-1418 Aug 15 j 03:45	0°♍	
	-1418 Sep 08 j 10:26	0°♎	
desc. node	-1418 Sep 13 j 02:21	5°♎44'58	
	-1418 Oct 02 j 19:56	0°♏	
	-1418 Oct 27 j 10:37	0°♐	
	-1418 Nov 21 j 12:02	0°♑	
	-1418 Dec 17 j 14:53	0°♒	

asc. node	-1417 Jan 04 j 03:52	18°♒41'04	
evening max el	-1417 Jan 04 j 18:07	19°♒17'10	46°37'01
	-1417 Jan 15 j 20:43	0°♓	
greatest brilliancy	-1417 Feb 13 j 05:00	19°♓39'31	-4.8m
retrograde	-1417 Feb 23 j 22:05	21°♓47'35	
evening set	-1417 Mar 13 j 07:52	15°♓55'40	
inferior conj	-1417 Mar 17 j 06:21	13°♓27'17	7°28'49
minimum elong	-1417 Mar 17 j 14:03	13°♓14'59	7°27'48
min. Earth dist.	-1417 Mar 17 j 05:57	13°♓27'56	0.28951 AU
morning rise	-1417 Mar 21 j 20:29	10°♓35'51	
direct	-1417 Apr 07 j 17:28	5°♓09'08	
greatest brilliancy	-1417 Apr 17 j 09:56	6°♓51'27	-4.7m
desc. node	-1417 Apr 25 j 18:53	10°♓38'46	
	-1417 May 21 j 05:01	0°♈	
morning max el	-1417 May 26 j 11:32	4°♈55'09	45°46'01
	-1417 Jun 20 j 00:50	0°♉	
	-1417 Jul 16 j 21:34	0°♊	
	-1417 Aug 11 j 10:01	0°♋	
asc. node	-1417 Aug 16 j 20:51	6°♋33'06	
	-1417 Sep 05 j 02:40	0°♌	
	-1417 Sep 29 j 06:56	0°♍	
	-1417 Oct 23 j 04:43	0°♎	
	-1417 Nov 16 j 00:29	0°♏	
morning set	-1417 Nov 23 j 15:02	9°♏34'35	
desc. node	-1417 Dec 06 j 12:08	25°♏46'15	
	-1417 Dec 09 j 20:58	0°♐	
	-1416 Jan 02 j 19:25	0°♑	
superior conj	-1416 Jan 04 j 17:12	2°♑23'06	-1°01'37
minimum elong	-1416 Jan 04 j 05:38	1°♑46'55	1°01'16
max. Earth dist.	-1416 Jan 09 j 01:53	7°♑50'05	1.71715 AU
	-1416 Jan 26 j 20:31	0°♒	
evening rise	-1416 Feb 14 j 01:53	22°♒37'17	
	-1416 Feb 20 j 01:00	0°♓	
	-1416 Mar 15 j 09:49	0°♈	
asc. node	-1416 Mar 28 j 13:40	16°♈05'35	
	-1416 Apr 09 j 00:07	0°♉	
	-1416 May 03 j 21:13	0°♊	
	-1416 May 29 j 03:26	0°♋	
	-1416 Jun 24 j 00:02	0°♌	
desc. node	-1416 Jul 18 j 04:25	26°♌57'40	
	-1416 Jul 21 j 00:02	0°♍	
evening max el	-1416 Aug 10 j 01:24	20°♍39'09	46°38'07
	-1416 Aug 20 j 00:13	0°♎	
greatest brilliancy	-1416 Sep 19 j 22:32	20°♎41'11	-4.9m
retrograde	-1416 Sep 28 j 23:55	22°♎13'44	
evening set	-1416 Oct 14 j 12:16	17°♎34'47	
inferior conj	-1416 Oct 19 j 14:19	14°♎35'24	-4°49'44
minimum elong	-1416 Oct 19 j 23:56	14°♎20'50	4°47'07
min. Earth dist.	-1416 Oct 20 j 00:00	14°♎20'43	0.26464 AU
morning rise	-1416 Oct 25 j 11:12	11°♎09'37	
asc. node	-1416 Nov 08 j 06:08	6°♎58'46	
direct	-1416 Nov 08 j 22:43	6°♎58'10	
greatest brilliancy	-1416 Nov 19 j 13:08	9°♎05'59	-4.9m
	-1416 Dec 19 j 00:49	0°♏	
morning max el	-1416 Dec 29 j 11:54	10°♏09'57	46°47'54
	-1415 Jan 17 j 05:29	0°♐	
	-1415 Feb 12 j 18:58	0°♑	
desc. node	-1415 Feb 27 j 21:35	17°♑33'58	
	-1415 Mar 10 j 11:28	0°♒	
	-1415 Apr 04 j 18:09	0°♓	
	-1415 Apr 29 j 18:43	0°♈	
	-1415 May 24 j 14:03	0°♉	
	-1415 Jun 18 j 03:56	0°♊	
asc. node	-1415 Jun 20 j 23:21	3°♊26'50	
morning set	-1415 Jun 28 j 05:16	12°♊21'26	
	-1415 Jul 12 j 12:08	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.	-1415 Jul 30 j 19:03	22°♋42'45	1.72312 AU
	-1415 Aug 03 j 18:54	27°♋41'26	1°19'34
superior conj	-1415 Aug 03 j 13:08	27°♋23'29	1°19'31
minimum elong	-1415 Aug 05 j 15:20	0°♌	
	-1415 Aug 29 j 15:14	0°♍	
	-1415 Sep 10 j 11:04	14°♍49'03	
evening rise	-1415 Sep 22 j 13:55	0°♎	
	-1415 Oct 10 j 14:26	22°♎33'56	
desc. node	-1415 Oct 16 j 13:08	0°♏	
	-1415 Nov 09 j 14:09	0°♐	
	-1415 Dec 03 j 18:38	0°♑	
	-1415 Dec 28 j 05:54	0°♒	
	-1414 Jan 22 j 06:39	0°♓	
asc. node	-1414 Jan 31 j 15:38	10°♓57'17	
	-1414 Feb 17 j 10:28	0°♈	
evening max el	-1414 Mar 16 j 14:50	28°♈26'07	45°25'48
	-1414 Mar 18 j 05:59	0°♉	
greatest brilliancy	-1414 Apr 23 j 07:17	26°♉06'52	-4.7m
retrograde	-1414 May 04 j 04:21	28°♉14'20	
evening set	-1414 May 19 j 04:23	23°♉54'19	
desc. node	-1414 May 23 j 06:54	21°♉31'17	
inferior conj	-1414 May 25 j 15:00	20°♉04'35	-0°32'40
minimum elong	-1414 May 25 j 13:48	20°♉06'27	0°32'18
min. Earth dist.	-1414 May 25 j 23:12	19°♉51'49	0.28945 AU
morning rise	-1414 May 31 j 22:51	16°♉17'27	
direct	-1414 Jun 16 j 08:03	11°♉45'18	
greatest brilliancy	-1414 Jun 27 j 03:39	13°♉51'03	-4.7m
	-1414 Jul 22 j 05:55	0°♊	
morning max el	-1414 Aug 04 j 15:30	12°♊14'31	46°07'51
	-1414 Aug 21 j 22:06	0°♋	
asc. node	-1414 Sep 13 j 08:47	25°♋07'57	
	-1414 Sep 17 j 13:12	0°♌	
	-1414 Oct 12 j 15:45	0°♍	
	-1414 Nov 06 j 01:13	0°♎	
	-1414 Nov 30 j 03:45	0°♏	
	-1414 Dec 24 j 04:53	0°♐	
desc. node	-1413 Jan 02 j 23:58	12°♐12'17	
	-1413 Jan 17 j 07:10	0°♑	
morning set	-1413 Feb 08 j 11:04	27°♑30'21	
	-1413 Feb 10 j 11:23	0°♒	
	-1413 Mar 06 j 17:40	0°♓	
superior conj	-1413 Mar 19 j 03:50	15°♓19'16	-1°13'44
minimum elong	-1413 Mar 19 j 12:06	15°♓44'44	1°13'33
max. Earth dist.	-1413 Mar 21 j 03:54	17°♓47'19	1.73261 AU
	-1413 Mar 31 j 02:02	0°♈	
	-1413 Apr 24 j 12:20	0°♉	
evening rise	-1413 Apr 25 j 08:43	1°♉02'31	
asc. node	-1413 Apr 26 j 01:40	1°♉54'27	
	-1413 May 19 j 00:17	0°♊	
	-1413 Jun 12 j 13:54	0°♋	
	-1413 Jul 07 j 06:01	0°♌	
	-1413 Aug 01 j 02:42	0°♍	
desc. node	-1413 Aug 15 j 16:24	17°♍24'39	
	-1413 Aug 26 j 07:32	0°♎	
	-1413 Sep 21 j 03:32	0°♏	
	-1413 Oct 18 j 10:46	0°♐	
evening max el	-1413 Oct 23 j 02:19	4°♐47'38	47°28'51
	-1413 Nov 20 j 16:01	0°♑	
greatest brilliancy	-1413 Dec 02 j 15:24	6°♑32'37	-4.9m
asc. node	-1413 Dec 06 j 18:03	7°♑51'12	
retrograde	-1413 Dec 13 j 04:05	8°♑40'24	
evening set	-1413 Dec 28 j 14:58	3°♑50'39	
min. Earth dist.	-1412 Jan 01 j 20:12	1°♑17'40	0.27210 AU
inferior conj	-1412 Jan 02 j 22:25	0°♑36'43	6°11'06
minimum elong	-1412 Jan 02 j 12:35	0°♑52'06	6°08'56
	-1412 Jan 03 j 21:58	30°℞♐	
morning rise	-1412 Jan 07 j 10:54	27°♐51'54	
direct	-1412 Jan 23 j 11:44	22°♐48'21	
greatest brilliancy	-1412 Feb 01 j 07:43	24°♐17'18	-4.8m
	-1412 Feb 13 j 02:37	0°♑	
morning max el	-1412 Mar 12 j 20:19	23°♑48'20	46°08'43
	-1412 Mar 19 j 02:49	0°♒	
desc. node	-1412 Mar 27 j 09:24	8°♒29'37	
	-1412 Apr 16 j 07:54	0°♓	
	-1412 May 12 j 19:46	0°♈	
	-1412 Jun 07 j 11:25	0°♉	
	-1412 Jul 02 j 13:14	0°♊	
asc. node	-1412 Jul 18 j 11:04	19°♊20'24	
	-1412 Jul 27 j 03:41	0°♋	
	-1412 Aug 20 j 08:56	0°♌	
morning set	-1412 Sep 05 j 23:49	20°♌47'28	
	-1412 Sep 13 j 07:50	0°♍	
	-1412 Oct 07 j 03:39	0°♎	
superior conj	-1412 Oct 15 j 05:23	10°♎10'22	0°50'34
minimum elong	-1412 Oct 15 j 16:00	10°♎43'49	0°50'08
max. Earth dist.	-1412 Oct 15 j 12:16	10°♎32'05	1.70999 AU
	-1412 Oct 30 j 23:04	0°♏	
desc. node	-1412 Nov 07 j 02:24	8°♏59'08	
	-1412 Nov 23 j 19:43	0°♐	
evening rise	-1412 Nov 26 j 02:48	2°♐52'54	
	-1412 Dec 17 j 18:33	0°♑	
	-1411 Jan 10 j 20:50	0°♒	
	-1411 Feb 04 j 04:49	0°♓	
asc. node	-1411 Feb 28 j 03:45	29°♓05'02	
	-1411 Feb 28 j 22:02	0°♈	
	-1411 Mar 26 j 05:38	0°♉	
	-1411 Apr 21 j 12:43	0°♊	
	-1411 May 19 j 19:32	0°♋	
evening max el	-1411 May 26 j 13:49	6°♋35'55	45°23'54
desc. node	-1411 Jun 19 j 18:43	26°♋47'47	
	-1411 Jun 24 j 20:45	0°♌	
greatest brilliancy	-1411 Jul 04 j 09:58	4°♌26'58	-4.7m
retrograde	-1411 Jul 14 j 05:20	6°♌10'10	
evening set	-1411 Jul 31 j 11:34	0°♌38'34	
	-1411 Aug 01 j 13:47	30°℞♋	
inferior conj	-1411 Aug 04 j 09:10	28°♋17'39	-8°18'51
minimum elong	-1411 Aug 04 j 02:40	28°♋27'38	8°18'13
min. Earth dist.	-1411 Aug 04 j 19:11	28°♋02'16	0.28053 AU
morning rise	-1411 Aug 07 j 17:32	26°♋15'37	
direct	-1411 Aug 25 j 16:00	20°♋15'12	
greatest brilliancy	-1411 Sep 05 j 14:43	22°♋27'27	-4.8m
	-1411 Sep 19 j 02:00	0°♌	
asc. node	-1411 Oct 10 j 20:30	18°♌46'19	
morning max el	-1411 Oct 15 j 03:47	23°♌04'35	46°46'55
	-1411 Oct 21 j 19:46	0°♍	
	-1411 Nov 17 j 15:16	0°♎	
	-1411 Dec 12 j 22:07	0°♏	
	-1410 Jan 06 j 16:11	0°♐	
desc. node	-1410 Jan 30 j 11:46	29°♐03'48	
	-1410 Jan 31 j 06:10	0°♑	
	-1410 Feb 24 j 19:09	0°♒	
	-1410 Mar 21 j 08:01	0°♓	
	-1410 Apr 14 j 20:41	0°♈	
morning set	-1410 Apr 19 j 20:47	6°♈07'30	
	-1410 May 09 j 08:34	0°♉	
asc. node	-1410 May 23 j 13:32	17°♉26'09	
max. Earth dist.	-1410 May 23 j 23:25	17°♉56'32	1.73615 AU
superior conj	-1410 May 26 j 02:45	20°♉34'08	0°06'03
minimum elong	-1410 May 26 j 01:32	20°♉30'25	0°06'01
behind sun begin	-1410 May 25 j 04:49	19°♉26'47	

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

behind sun end	-1410 May 26 j 22:15	21°♉34'04	
	-1410 Jun 02 j 18:51	0°♊	
	-1410 Jun 27 j 02:58	0°♋	
evening rise	-1410 Jun 30 j 18:51	4°♋31'19	
	-1410 Jul 21 j 09:19	0°♌	
	-1410 Aug 14 j 15:12	0°♍	
	-1410 Sep 07 j 22:17	0°♎	
desc. node	-1410 Sep 12 j 04:31	5°♎14'54	
	-1410 Oct 02 j 08:18	0°♏	
	-1410 Oct 26 j 23:43	0°♐	
	-1410 Nov 21 j 02:24	0°♑	
	-1410 Dec 17 j 08:10	0°♒	
evening max el	-1409 Jan 02 j 08:00	16°♒56'35	46°39'44
asc. node	-1409 Jan 03 j 05:50	17°♒51'38	
	-1409 Jan 16 j 00:22	0°♓	
greatest brilliancy	-1409 Feb 10 j 22:17	17°♓28'53	-4.8m
retrograde	-1409 Feb 21 j 14:19	19°♓36'41	
evening set	-1409 Mar 11 j 02:35	13°♓41'17	
inferior conj	-1409 Mar 14 j 22:52	11°♓16'20	7°37'47
minimum elong	-1409 Mar 15 j 06:08	11°♓04'45	7°36'54
min. Earth dist.	-1409 Mar 14 j 21:49	11°♓18'00	0.28927 AU
morning rise	-1409 Mar 19 j 09:52	8°♓29'26	
direct	-1409 Apr 05 j 08:52	2°♓58'32	
greatest brilliancy	-1409 Apr 15 j 01:18	4°♓40'30	-4.7m
desc. node	-1409 Apr 24 j 21:03	9°♓17'00	
	-1409 May 21 j 05:30	0°♈	
morning max el	-1409 May 24 j 02:43	2°♈43'02	45°46'02
	-1409 Jun 19 j 17:09	0°♉	
	-1409 Jul 16 j 11:14	0°♊	
	-1409 Aug 10 j 22:28	0°♋	
asc. node	-1409 Aug 15 j 23:03	6°♋02'35	
	-1409 Sep 04 j 14:32	0°♌	
	-1409 Sep 28 j 18:30	0°♍	
	-1409 Oct 22 j 16:08	0°♎	
	-1409 Nov 15 j 11:47	0°♏	
morning set	-1409 Nov 21 j 00:56	6°♏59'10	
desc. node	-1409 Dec 05 j 14:08	25°♏17'16	
	-1409 Dec 09 j 08:10	0°♐	
superior conj	-1408 Jan 02 j 03:46	29°♐51'19	-0°58'54
minimum elong	-1408 Jan 01 j 16:08	29°♐14'57	0°58'31
	-1408 Jan 02 j 06:32	0°♑	
max. Earth dist.	-1408 Jan 06 j 09:30	5°♑09'16	1.71659 AU
	-1408 Jan 26 j 07:35	0°♒	
evening rise	-1408 Feb 11 j 15:17	20°♒15'53	
	-1408 Feb 19 j 12:04	0°♓	
	-1408 Mar 14 j 21:00	0°♈	
asc. node	-1408 Mar 27 j 15:48	15°♈37'38	
	-1408 Apr 08 j 11:34	0°♉	
	-1408 May 03 j 09:11	0°♊	
	-1408 May 28 j 16:22	0°♋	
	-1408 Jun 23 j 14:43	0°♌	
desc. node	-1408 Jul 17 j 06:31	26°♌15'17	
	-1408 Jul 20 j 18:26	0°♍	
evening max el	-1408 Aug 07 j 13:43	18°♍13'32	46°35'18
	-1408 Aug 20 j 06:56	0°♎	
greatest brilliancy	-1408 Sep 17 j 10:43	18°♎11'39	-4.9m
retrograde	-1408 Sep 26 j 11:57	19°♎44'03	
evening set	-1408 Oct 12 j 03:11	15°♎00'24	
inferior conj	-1408 Oct 17 j 02:14	12°♎05'26	-5°10'04
minimum elong	-1408 Oct 17 j 12:15	11°♎50'16	5°07'26
min. Earth dist.	-1408 Oct 17 j 13:00	11°♎49'08	0.26500 AU
morning rise	-1408 Oct 22 j 20:56	8°♎42'59	
direct	-1408 Nov 06 j 11:13	4°♎27'25	
asc. node	-1408 Nov 07 j 08:14	4°♎28'22	
greatest brilliancy	-1408 Nov 17 j 02:47	6°♎36'46	-4.9m
	-1408 Dec 19 j 04:50	0°♏	
morning max el	-1408 Dec 27 j 02:13	7°♏45'44	46°49'02
	-1407 Jan 16 j 23:28	0°♐	
	-1407 Feb 12 j 09:39	0°♑	
desc. node	-1407 Feb 26 j 23:46	17°♑00'25	
	-1407 Mar 10 j 00:32	0°♒	
	-1407 Apr 04 j 06:18	0°♓	
	-1407 Apr 29 j 06:17	0°♈	
	-1407 May 24 j 01:17	0°♉	
	-1407 Jun 17 j 14:59	0°♊	
asc. node	-1407 Jun 20 j 01:20	2°♊59'02	
morning set	-1407 Jun 25 j 23:17	10°♊15'13	
	-1407 Jul 11 j 23:08	0°♋	
max. Earth dist.	-1407 Jul 28 j 12:16	20°♋32'35	1.72369 AU
superior conj	-1407 Aug 01 j 11:40	25°♋29'41	1°18'25
minimum elong	-1407 Aug 01 j 05:25	25°♋10'12	1°18'20
	-1407 Aug 05 j 02:23	0°♌	
	-1407 Aug 29 j 02:25	0°♍	
evening rise	-1407 Sep 08 j 00:29	12°♍25'30	
	-1407 Sep 22 j 01:16	0°♎	
desc. node	-1407 Oct 09 j 16:31	22°♎04'25	
	-1407 Oct 16 j 00:42	0°♏	
	-1407 Nov 09 j 02:00	0°♐	
	-1407 Dec 03 j 06:49	0°♑	
	-1407 Dec 27 j 18:35	0°♒	
	-1406 Jan 21 j 20:19	0°♓	
asc. node	-1406 Jan 30 j 17:51	10°♓22'23	
	-1406 Feb 17 j 02:25	0°♈	
evening max el	-1406 Mar 14 j 07:29	26°♈17'09	45°27'29
	-1406 Mar 18 j 05:14	0°♉	
greatest brilliancy	-1406 Apr 20 j 23:12	23°♉58'22	-4.7m
retrograde	-1406 May 01 j 21:14	26°♉06'15	
evening set	-1406 May 16 j 21:32	21°♉45'18	
desc. node	-1406 May 22 j 08:52	18°♉31'06	
inferior conj	-1406 May 23 j 07:29	17°♉55'53	-0°13'10
minimum elong	-1406 May 23 j 07:00	17°♉56'38	0°13'00
transit middle	-1406 May 23 j 07:00	17°♉56'38	0°13'00
transit begin	-1406 May 23 j 04:34	18°♉00'25	
transit end	-1406 May 23 j 09:25	17°♉52'52	
min. Earth dist.	-1406 May 23 j 15:28	17°♉43'27	0.28964 AU
morning rise	-1406 May 29 j 16:15	14°♉07'29	
direct	-1406 Jun 14 j 01:12	9°♉36'24	
greatest brilliancy	-1406 Jun 24 j 19:07	11°♉40'54	-4.7m
	-1406 Jul 22 j 10:56	0°♊	
morning max el	-1406 Aug 02 j 08:03	10°♊03'56	46°06'22
	-1406 Aug 21 j 15:35	0°♋	
asc. node	-1406 Sep 12 j 10:55	24°♋31'26	
	-1406 Sep 17 j 03:35	0°♌	
	-1406 Oct 12 j 04:48	0°♍	
	-1406 Nov 05 j 13:34	0°♎	
	-1406 Nov 29 j 15:41	0°♏	
	-1406 Dec 23 j 16:34	0°♐	
desc. node	-1405 Jan 02 j 01:59	11°♐42'32	
	-1405 Jan 16 j 18:38	0°♑	
morning set	-1405 Feb 05 j 23:46	25°♑06'01	
	-1405 Feb 09 j 22:38	0°♒	
	-1405 Mar 06 j 04:45	0°♓	
superior conj	-1405 Mar 16 j 19:56	13°♓07'00	-1°15'20
minimum elong	-1405 Mar 17 j 03:51	13°♓31'23	1°15'09
max. Earth dist.	-1405 Mar 19 j 01:04	15°♓50'43	1.73216 AU
	-1405 Mar 30 j 13:00	0°♈	
evening rise	-1405 Apr 23 j 03:04	28°♈57'55	
	-1405 Apr 23 j 23:19	0°♉	
asc. node	-1405 Apr 25 j 03:42	1°♉27'01	
	-1405 May 18 j 11:26	0°♊	
	-1405 Jun 12 j 01:23	0°♋	

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	-1405 Jul 06 j 18:02	0°♌	
	-1405 Jul 31 j 15:32	0°♍	
desc. node	-1405 Aug 14 j 18:33	16°♍50'54	
	-1405 Aug 25 j 21:38	0°♎	
	-1405 Sep 20 j 19:57	0°♏	
	-1405 Oct 18 j 08:38	0°♐	
evening max el	-1405 Oct 20 j 17:44	2°♐26'09	47°28'43
	-1405 Nov 22 j 00:23	0°♑	
greatest brilliancy	-1405 Nov 30 j 06:16	4°♑07'27	-4.9m
asc. node	-1405 Dec 05 j 20:02	5°♑44'54	
retrograde	-1405 Dec 10 j 18:25	6°♑14'07	
evening set	-1405 Dec 26 j 01:52	1°♑29'40	
	-1405 Dec 28 j 14:22	30°℞♐	
min. Earth dist.	-1405 Dec 30 j 10:00	28°♐52'29	0.27138 AU
inferior conj	-1405 Dec 31 j 12:02	28°♐11'46	5°55'15
minimum elong	-1405 Dec 31 j 02:14	28°♐27'06	5°52'58
morning rise	-1404 Jan 05 j 03:22	25°♐22'55	
direct	-1404 Jan 21 j 01:05	20°♐24'51	
greatest brilliancy	-1404 Jan 29 j 21:00	21°♐53'42	-4.8m
	-1404 Feb 14 j 06:25	0°♑	
morning max el	-1404 Mar 10 j 09:52	21°♑28'07	46°10'05
	-1404 Mar 18 j 23:33	0°♒	
desc. node	-1404 Mar 26 j 11:26	7°♒45'50	
	-1404 Apr 15 j 23:21	0°♓	
	-1404 May 12 j 09:04	0°♈	
	-1404 Jun 06 j 23:38	0°♉	
	-1404 Jul 02 j 00:51	0°♊	
asc. node	-1404 Jul 17 j 13:17	18°♊52'23	
	-1404 Jul 26 j 15:00	0°♋	
	-1404 Aug 19 j 20:07	0°♌	
morning set	-1404 Sep 03 j 14:08	18°♌26'48	
	-1404 Sep 12 j 19:01	0°♍	
	-1404 Oct 06 j 14:53	0°♎	
superior conj	-1404 Oct 12 j 16:27	7°♎38'34	0°53'36
minimum elong	-1404 Oct 13 j 03:15	8°♎12'38	0°53'11
max. Earth dist.	-1404 Oct 12 j 14:11	7°♎31'28	1.71016 AU
	-1404 Oct 30 j 10:22	0°♏	
desc. node	-1404 Nov 06 j 04:23	8°♏29'48	
evening rise	-1404 Nov 23 j 11:49	0°♐14'54	
	-1404 Nov 23 j 07:04	0°♐	
	-1404 Dec 17 j 05:58	0°♑	
	-1403 Jan 10 j 08:21	0°♒	
	-1403 Feb 03 j 16:36	0°♓	
asc. node	-1403 Feb 27 j 05:52	28°♓34'36	
	-1403 Feb 28 j 10:18	0°♈	
	-1403 Mar 25 j 18:52	0°♉	
	-1403 Apr 21 j 04:03	0°♊	
	-1403 May 19 j 16:30	0°♋	
evening max el	-1403 May 24 j 03:43	4°♋19'35	45°22'35
desc. node	-1403 Jun 18 j 20:48	25°♋31'36	
	-1403 Jun 26 j 16:58	0°♌	
greatest brilliancy	-1403 Jul 01 j 23:15	2°♌10'27	-4.7m
retrograde	-1403 Jul 11 j 18:53	3°♌54'22	
	-1403 Jul 26 j 02:58	30°℞♋	
evening set	-1403 Jul 28 j 22:28	28°♋27'21	
inferior conj	-1403 Aug 01 j 23:46	26°♋01'13	-8°11'04
minimum elong	-1403 Aug 01 j 16:37	26°♋12'12	8°10'16
min. Earth dist.	-1403 Aug 02 j 09:41	25°♋45'59	0.28102 AU
morning rise	-1403 Aug 05 j 10:28	23°♋55'38	
direct	-1403 Aug 23 j 06:35	17°♋57'45	
greatest brilliancy	-1403 Sep 03 j 06:30	20°♋10'28	-4.8m
	-1403 Sep 19 j 20:40	0°♌	
asc. node	-1403 Oct 09 j 22:32	17°♌52'26	
morning max el	-1403 Oct 12 j 17:09	20°♌39'42	46°45'50
	-1403 Oct 21 j 15:43	0°♍	
	-1403 Nov 17 j 06:52	0°♎	
	-1403 Dec 12 j 11:54	0°♏	
	-1402 Jan 06 j 04:57	0°♐	
desc. node	-1402 Jan 29 j 13:59	28°♐33'36	
	-1402 Jan 30 j 18:15	0°♑	
	-1402 Feb 24 j 06:45	0°♒	
	-1402 Mar 20 j 19:16	0°♓	
	-1402 Apr 14 j 07:43	0°♈	
morning set	-1402 Apr 17 j 14:42	4°♈01'47	
	-1402 May 08 j 19:28	0°♉	
max. Earth dist.	-1402 May 21 j 19:59	15°♉58'58	1.73632 AU
asc. node	-1402 May 22 j 15:35	16°♉59'08	
superior conj	-1402 May 23 j 21:33	18°♉31'11	0°02'59
minimum elong	-1402 May 23 j 20:58	18°♉29'23	0°02'58
behind sun begin	-1402 May 22 j 23:04	17°♉22'07	
behind sun end	-1402 May 24 j 18:52	19°♉36'39	
	-1402 Jun 02 j 05:41	0°♊	
	-1402 Jun 26 j 13:53	0°♋	
evening rise	-1402 Jun 28 j 13:58	2°♋28'24	
	-1402 Jul 20 j 20:25	0°♌	
	-1402 Aug 14 j 02:37	0°♍	
	-1402 Sep 07 j 10:08	0°♎	
desc. node	-1402 Sep 11 j 06:35	4°♎44'31	
	-1402 Oct 01 j 20:44	0°♏	
	-1402 Oct 26 j 13:00	0°♐	
	-1402 Nov 20 j 17:07	0°♑	
	-1402 Dec 17 j 02:02	0°♒	
evening max el	-1402 Dec 30 j 22:09	14°♒36'00	46°42'35
asc. node	-1401 Jan 02 j 08:02	17°♒01'19	
	-1401 Jan 16 j 06:12	0°♓	
greatest brilliancy	-1401 Feb 08 j 15:03	15°♓16'52	-4.8m
retrograde	-1401 Feb 19 j 06:54	17°♓25'06	
evening set	-1401 Mar 08 j 21:05	11°♓26'11	
inferior conj	-1401 Mar 12 j 15:15	9°♓04'39	7°46'13
minimum elong	-1401 Mar 12 j 22:03	8°♓53'50	7°45'27
min. Earth dist.	-1401 Mar 12 j 13:23	9°♓07'38	0.28898 AU
morning rise	-1401 Mar 16 j 23:10	6°♓22'29	
direct	-1401 Apr 03 j 00:07	0°♓47'13	
greatest brilliancy	-1401 Apr 12 j 16:21	2°♓29'02	-4.7m
desc. node	-1401 Apr 23 j 23:05	7°♓57'27	
	-1401 May 21 j 04:49	0°♈	
morning max el	-1401 May 21 j 18:43	0°♈33'01	45°46'13
	-1401 Jun 19 j 09:06	0°♉	
	-1401 Jul 16 j 00:39	0°♊	
	-1401 Aug 10 j 10:44	0°♋	
asc. node	-1401 Aug 15 j 01:08	5°♋32'21	
	-1401 Sep 04 j 02:12	0°♌	
	-1401 Sep 28 j 05:53	0°♍	
	-1401 Oct 22 j 03:23	0°♎	
	-1401 Nov 14 j 22:59	0°♏	
morning set	-1401 Nov 18 j 11:00	4°♏24'31	
desc. node	-1401 Dec 04 j 16:15	24°♏48'53	
	-1401 Dec 08 j 19:19	0°♐	
superior conj	-1401 Dec 30 j 13:46	27°♐17'43	-0°56'00
minimum elong	-1401 Dec 30 j 02:11	26°♐41'29	0°55'36
	-1400 Jan 01 j 17:39	0°♑	
max. Earth dist.	-1400 Jan 03 j 15:33	2°♑23'31	1.71611 AU
	-1400 Jan 25 j 18:39	0°♒	
evening rise	-1400 Feb 09 j 04:01	17°♒52'27	
	-1400 Feb 18 j 23:07	0°♓	
	-1400 Mar 14 j 08:08	0°♈	
asc. node	-1400 Mar 26 j 17:48	15°♈09'27	
	-1400 Apr 07 j 22:57	0°♉	
	-1400 May 02 j 21:06	0°♊	
	-1400 May 28 j 05:15	0°♋	
	-1400 Jun 23 j 05:24	0°♌	

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desc. node	-1400 Jul 16 j 08:43	25°♌33'21	
	-1400 Jul 20 j 13:01	0°♍	
evening max el	-1400 Aug 05 j 03:19	15°♍52'13	46°32'36
	-1400 Aug 20 j 15:35	0°♎	
greatest brilliancy	-1400 Sep 14 j 22:38	15°♎43'41	-4.9m
retrograde	-1400 Sep 24 j 00:34	17°♎16'13	
evening set	-1400 Oct 09 j 18:28	12°♎27'59	
inferior conj	-1400 Oct 14 j 14:24	9°♎37'20	-5°29'35
minimum elong	-1400 Oct 15 j 00:45	9°♎21'42	5°26'57
min. Earth dist.	-1400 Oct 15 j 01:51	9°♎20'02	0.26538 AU
morning rise	-1400 Oct 20 j 06:42	6°♎18'27	
direct	-1400 Nov 04 j 00:26	1°♎58'48	
asc. node	-1400 Nov 06 j 10:14	2°♎05'52	
greatest brilliancy	-1400 Nov 14 j 16:04	4°♎08'43	-4.9m
	-1400 Dec 19 j 06:52	0°♏	
morning max el	-1400 Dec 24 j 16:56	5°♏23'25	46°49'44
	-1399 Jan 16 j 16:49	0°♐	
	-1399 Feb 12 j 00:03	0°♑	
desc. node	-1399 Feb 26 j 01:46	16°♑26'50	
	-1399 Mar 09 j 13:26	0°♒	
	-1399 Apr 03 j 18:17	0°♓	
	-1399 Apr 28 j 17:41	0°♈	
	-1399 May 23 j 12:17	0°♉	
	-1399 Jun 17 j 01:47	0°♊	
asc. node	-1399 Jun 19 j 03:31	2°♊32'36	
morning set	-1399 Jun 23 j 17:17	8°♊09'50	
	-1399 Jul 11 j 09:53	0°♋	
max. Earth dist.	-1399 Jul 26 j 03:51	18°♋18'17	1.72424 AU
superior conj	-1399 Jul 30 j 04:42	23°♋19'36	1°17'09
minimum elong	-1399 Jul 29 j 21:59	22°♋58'42	1°17'02
	-1399 Aug 04 j 13:11	0°♌	
	-1399 Aug 28 j 13:19	0°♍	
evening rise	-1399 Sep 05 j 14:22	10°♍04'18	
	-1399 Sep 21 j 12:19	0°♎	
desc. node	-1399 Oct 08 j 18:31	21°♎35'40	
	-1399 Oct 15 j 11:56	0°♏	
	-1399 Nov 08 j 13:29	0°♐	
	-1399 Dec 02 j 18:39	0°♑	
	-1399 Dec 27 j 06:59	0°♒	