Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

superior conj	-11899 May 12 j 07:14	24°♒22'48	0°10'32
minimum elong	-11899 May 12 j 05:09	24°♒16'12	0°10'01
behind sun begin	-11899 May 11 j 10:43	23°♒18'13	
behind sun end	-11899 May 12 j 23:34	25°♒14'11	
	-11899 May 16 j 18:23	0°♓	
	-11899 Jun 09 j 13:29	0°♈	
evening rise	-11899 Jun 19 j 10:41	12°♈27'39	
	-11899 Jul 03 j 08:57	0°♉	
	-11899 Jul 27 j 07:07	0°♊	
	-11899 Aug 20 j 09:58	0°♋	
desc. node	-11899 Aug 29 j 05:25	10°♋53'04	
	-11899 Sep 13 j 19:08	0°♌	
	-11899 Oct 08 j 12:47	0°♍	
	-11899 Nov 02 j 20:17	0°♎	
	-11899 Nov 29 j 08:02	0°♏	
asc. node	-11899 Dec 18 j 13:47	20°♏07'37	
evening max el	-11899 Dec 23 j 12:23	24°♏56'43	44°50'07
	-11899 Dec 28 j 22:19	0°♐	
greatest brilliancy	-11898 Jan 29 j 23:24	21°♐54'02	-4.7m
retrograde	-11898 Feb 09 j 09:30	23°♐48'47	
evening set	-11898 Feb 26 j 12:41	18°♐24'22	
inferior conj	-11898 Mar 02 j 17:37	15°♐52'50	7°18'55
minimum elong	-11898 Mar 03 j 00:56	15°♐41'35	7°17'21
min. Earth dist.	-11898 Mar 03 j 23:41	15°♐06'40	0.28821 AU
morning rise	-11898 Mar 07 j 12:41	12°♐59'38	
direct	-11898 Mar 24 j 16:03	7°♐34'08	
greatest brilliancy	-11898 Apr 05 j 00:11	9°♐51'45	-4.8m
desc. node	-11898 Apr 11 j 05:50	12°♐47'35	
	-11898 May 04 j 03:47	0°♑	
morning max el	-11898 May 13 j 15:29	9°♑01'32	46°30'12
	-11898 Jun 02 j 13:32	0°♒	
	-11898 Jun 28 j 15:13	0°♓	
	-11898 Jul 23 j 10:25	0°♈	
asc. node	-11898 Jul 31 j 09:41	9°♈48'36	
	-11898 Aug 16 j 16:31	0°♉	
	-11898 Sep 09 j 18:57	0°♊	
	-11898 Oct 03 j 23:14	0°♋	
	-11898 Oct 28 j 07:38	0°♌	
morning set	-11898 Nov 18 j 21:18	26°♌25'32	
desc. node	-11898 Nov 21 j 17:08	29°♌52'55	
	-11898 Nov 21 j 19:27	0°♍	
	-11898 Dec 16 j 08:19	0°♎	
max. Earth dist.	-11898 Dec 25 j 21:32	11°♎41'15	1.73828 AU
superior conj	-11898 Dec 27 j 15:07	13°♎48'37	-1°07'51
minimum elong	-11898 Dec 27 j 07:22	13°♎24'53	1°07'48
	-11897 Jan 09 j 19:58	0°♏	
evening rise	-11897 Feb 01 j 09:44	27°♏44'43	
	-11897 Feb 03 j 05:42	0°♐	
greatest brilliancy	-11897 Feb 05 j 18:19	3°♐06'34	-3.9m
	-11897 Feb 27 j 14:33	0°♑	
asc. node	-11897 Mar 12 j 19:34	16°♑15'01	
	-11897 Mar 24 j 00:17	0°♒	
	-11897 Apr 17 j 12:27	0°♓	
	-11897 May 12 j 04:44	0°♈	
	-11897 Jun 06 j 04:25	0°♉	
	-11897 Jul 01 j 19:35	0°♊	
desc. node	-11897 Jul 04 j 10:31	2°♊59'56	
	-11897 Jul 29 j 00:22	0°♋	
evening max el	-11897 Aug 01 j 23:00	4°♋04'40	47°40'30
	-11897 Aug 31 j 10:12	0°♌	
greatest brilliancy	-11897 Sep 11 j 23:40	6°♌12'14	-4.9m
retrograde	-11897 Sep 22 j 04:24	8°♌12'50	
evening set	-11897 Oct 07 j 10:23	3°♌26'35	
min. Earth dist.	-11897 Oct 12 j 14:53	0°♌12'10	0.27962 AU
	-11897 Oct 12 j 22:24	30°℞♋	
inferior conj	-11897 Oct 13 j 03:20	29°♋52'01	-2°30'44
minimum elong	-11897 Oct 13 j 08:21	29°♋43'54	2°28'40
morning rise	-11897 Oct 19 j 07:09	26°♋04'04	
asc. node	-11897 Oct 23 j 19:26	23°♋51'16	
direct	-11897 Nov 02 j 22:15	21°♋44'34	
greatest brilliancy	-11897 Nov 12 j 00:34	23°♋18'19	-4.8m
	-11897 Nov 25 j 05:27	0°♌	
morning max el	-11897 Dec 21 j 20:15	22°♌06'52	46°01'18
	-11897 Dec 29 j 21:27	0°♍	
	-11896 Jan 27 j 07:20	0°♎	
desc. node	-11896 Feb 14 j 08:05	20°♎10'37	
	-11896 Feb 22 j 21:51	0°♏	
	-11896 Mar 19 j 11:15	0°♐	
	-11896 Apr 13 j 06:42	0°♑	
	-11896 May 07 j 13:11	0°♒	
	-11896 May 31 j 11:11	0°♓	
asc. node	-11896 Jun 04 j 08:09	4°♓53'04	
greatest brilliancy	-11896 Jun 07 j 12:03	8°♓52'38	-3.9m
morning set	-11896 Jun 14 j 22:05	18°♓15'18	
	-11896 Jun 24 j 04:45	0°♈	
	-11896 Jul 17 j 21:26	0°♉	
superior conj	-11896 Jul 25 j 08:24	9°♉25'36	1°22'17
minimum elong	-11896 Jul 25 j 05:04	9°♉15'03	1°22'40
max. Earth dist.	-11896 Jul 30 j 12:44	15°♉57'52	1.70834 AU
	-11896 Aug 10 j 16:12	0°♊	
	-11896 Sep 03 j 15:08	0°♋	
evening rise	-11896 Sep 06 j 11:55	3°♋34'18	
desc. node	-11896 Sep 25 j 17:10	27°♋25'45	
	-11896 Sep 27 j 19:04	0°♌	
	-11896 Oct 22 j 03:53	0°♍	
	-11896 Nov 15 j 17:41	0°♎	
	-11896 Dec 10 j 14:39	0°♏	
	-11895 Jan 05 j 00:39	0°♐	
asc. node	-11895 Jan 14 j 23:56	11°♐29'36	
	-11895 Jan 31 j 11:17	0°♑	
	-11895 Mar 01 j 02:07	0°♒	
evening max el	-11895 Mar 05 j 18:49	4°♒31'45	45°35'05
	-11895 Apr 07 j 21:23	0°♓	
greatest brilliancy	-11895 Apr 14 j 01:42	2°♓36'09	-4.8m
retrograde	-11895 Apr 23 j 20:11	4°♓18'48	
evening set	-11895 May 08 j 06:22	0°♓25'30	
desc. node	-11895 May 08 j 16:39	0°♓12'22	
	-11895 May 09 j 02:10	30°℞♒	
inferior conj	-11895 May 14 j 17:27	26°♒48'36	-1°28'00
minimum elong	-11895 May 14 j 14:06	26°♒53'32	1°27'24
min. Earth dist.	-11895 May 15 j 01:56	26°♒36'08	0.26690 AU
morning rise	-11895 May 20 j 21:00	23°♒19'34	
direct	-11895 Jun 04 j 11:19	19°♒13'28	
greatest brilliancy	-11895 Jun 15 j 21:04	21°♒36'41	-4.9m
	-11895 Jun 30 j 06:56	0°♓	
morning max el	-11895 Jul 25 j 01:29	22°♓16'02	46°40'44
	-11895 Aug 01 j 11:09	0°♈	
asc. node	-11895 Aug 27 j 22:37	29°♈42'51	
	-11895 Aug 28 j 04:31	0°♉	
	-11895 Sep 22 j 12:18	0°♊	
	-11895 Oct 17 j 10:01	0°♋	
	-11895 Nov 11 j 06:30	0°♌	
	-11895 Dec 06 j 03:43	0°♍	
desc. node	-11895 Dec 19 j 07:07	15°♍51'15	
	-11895 Dec 30 j 23:52	0°♎	
	-11894 Jan 24 j 16:13	0°♏	
morning set	-11894 Jan 27 j 17:28	3°♏43'42	
	-11894 Feb 18 j 03:15	0°♐	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

max. Earth dist.	-11894 Feb 27 j 12:20	11°♐34'29	1.73167 AU
superior conj	-11894 Mar 03 j 23:42	17°♐06'33	-1°09'30
minimum elong	-11894 Mar 04 j 06:21	17°♐27'06	1°10'00
	-11894 Mar 14 j 09:20	0°♑	
	-11894 Apr 07 j 12:09	0°♒	
evening rise	-11894 Apr 08 j 03:42	0°♒48'24	
asc. node	-11894 Apr 09 j 07:44	2°♒15'46	
	-11894 May 01 j 13:33	0°♓	
	-11894 May 25 j 15:06	0°♈	
	-11894 Jun 18 j 18:35	0°♉	
	-11894 Jul 13 j 02:31	0°♊	
desc. node	-11894 Jul 31 j 20:42	22°♊51'26	
	-11894 Aug 06 j 18:43	0°♋	
	-11894 Sep 01 j 01:53	0°♌	
	-11894 Sep 27 j 16:23	0°♍	
evening max el	-11894 Oct 11 j 09:49	14°♍20'07	46°00'02
	-11894 Oct 28 j 07:08	0°♎	
greatest brilliancy	-11894 Nov 18 j 13:55	13°♎47'28	-4.8m
asc. node	-11894 Nov 20 j 06:02	14°♎25'20	
retrograde	-11894 Nov 29 j 23:23	16°♎12'34	
evening set	-11894 Dec 15 j 22:22	11°♎09'09	
inferior conj	-11894 Dec 21 j 07:35	7°♎48'13	6°11'21
minimum elong	-11894 Dec 20 j 22:59	8°♎02'00	6°09'45
min. Earth dist.	-11894 Dec 21 j 03:32	7°♎54'43	0.29445 AU
morning rise	-11894 Dec 25 j 23:48	4°♎52'13	
	-11893 Jan 06 j 00:24	30°℞♍	
direct	-11893 Jan 12 j 02:09	29°♍15'50	
	-11893 Jan 18 j 09:12	0°♎	
greatest brilliancy	-11893 Jan 21 j 11:34	0°♎51'32	-4.7m
morning max el	-11893 Mar 02 j 01:11	28°♎56'24	46°06'07
	-11893 Mar 03 j 03:52	0°♏	
desc. node	-11893 Mar 13 j 20:30	10°♏36'23	
	-11893 Apr 01 j 01:32	0°♐	
	-11893 Apr 27 j 08:29	0°♑	
	-11893 May 22 j 09:04	0°♒	
	-11893 Jun 15 j 16:22	0°♓	
asc. node	-11893 Jul 02 j 22:10	21°♓35'56	
	-11893 Jul 09 j 14:17	0°♈	
	-11893 Aug 02 j 08:36	0°♉	
	-11893 Aug 26 j 03:50	0°♊	
morning set	-11893 Sep 01 j 00:58	7°♊23'02	
	-11893 Sep 19 j 02:57	0°♋	
superior conj	-11893 Oct 13 j 11:43	0°♌14'32	0°23'56
minimum elong	-11893 Oct 13 j 17:57	0°♌33'48	0°24'16
	-11893 Oct 13 j 07:01	0°♌	
max. Earth dist.	-11893 Oct 18 j 12:53	6°♌28'51	1.72664 AU
desc. node	-11893 Oct 24 j 05:52	13°♌31'19	
	-11893 Nov 06 j 15:06	0°♍	
evening rise	-11893 Nov 23 j 06:05	20°♍25'14	
	-11893 Dec 01 j 01:34	0°♎	
	-11893 Dec 25 j 13:34	0°♏	
	-11892 Jan 19 j 04:16	0°♐	
asc. node	-11892 Feb 12 j 10:28	29°♐17'40	
	-11892 Feb 13 j 00:35	0°♑	
	-11892 Mar 09 j 06:14	0°♒	
	-11892 Apr 04 j 02:14	0°♓	
	-11892 May 01 j 00:16	0°♈	
evening max el	-11892 May 18 j 16:20	18°♈23'17	47°24'48
	-11892 May 30 j 22:07	0°♉	
desc. node	-11892 Jun 05 j 02:55	4°♉30'55	
greatest brilliancy	-11892 Jun 29 j 00:25	19°♉33'21	-4.9m
retrograde	-11892 Jul 08 j 10:51	21°♉14'44	
evening set	-11892 Jul 26 j 03:14	15°♉12'00	
min. Earth dist.	-11892 Jul 28 j 08:52	13°♉50'25	0.26674 AU
inferior conj	-11892 Jul 29 j 03:51	13°♉21'15	-8°48'15
minimum elong	-11892 Jul 29 j 03:18	13°♉22'06	8°47'48
morning rise	-11892 Aug 01 j 03:31	11°♉32'35	
direct	-11892 Aug 18 j 08:04	5°♉47'14	
greatest brilliancy	-11892 Aug 27 j 23:52	7°♉35'47	-4.9m
asc. node	-11892 Sep 24 j 10:37	26°♉09'51	
	-11892 Sep 28 j 14:48	0°♊	
morning max el	-11892 Oct 07 j 12:00	8°♊39'10	46°21'42
	-11892 Oct 27 j 17:28	0°♋	
	-11892 Nov 23 j 11:07	0°♌	
	-11892 Dec 19 j 10:37	0°♍	
	-11891 Jan 14 j 00:03	0°♎	
desc. node	-11891 Jan 15 j 20:49	2°♎12'26	
	-11891 Feb 08 j 03:55	0°♏	
	-11891 Mar 04 j 21:47	0°♐	
	-11891 Mar 29 j 06:30	0°♑	
morning set	-11891 Apr 04 j 00:57	7°♑09'43	
	-11891 Apr 22 j 08:11	0°♒	
max. Earth dist.	-11891 May 06 j 15:22	17°♒56'35	1.71463 AU
asc. node	-11891 May 06 j 20:47	18°♒13'36	
superior conj	-11891 May 09 j 23:46	22°♒09'19	0°07'17
minimum elong	-11891 May 09 j 22:21	22°♒04'52	0°06'47
behind sun begin	-11891 May 09 j 01:09	20°♒58'12	
behind sun end	-11891 May 10 j 19:34	23°♒11'33	
	-11891 May 16 j 05:24	0°♓	
	-11891 Jun 09 j 00:37	0°♈	
evening rise	-11891 Jun 16 j 23:19	10°♈00'53	
	-11891 Jul 02 j 20:15	0°♉	
	-11891 Jul 26 j 18:35	0°♊	
	-11891 Aug 19 j 21:38	0°♋	
desc. node	-11891 Aug 28 j 07:33	10°♋23'24	
	-11891 Sep 13 j 07:06	0°♌	
	-11891 Oct 08 j 01:18	0°♍	
	-11891 Nov 02 j 09:56	0°♎	
	-11891 Nov 29 j 00:21	0°♏	
asc. node	-11891 Dec 17 j 16:12	19°♏22'21	
evening max el	-11891 Dec 21 j 03:07	22°♏43'39	44°50'39
	-11891 Dec 28 j 23:58	0°♐	
greatest brilliancy	-11890 Jan 27 j 14:41	19°♐45'10	-4.7m
retrograde	-11890 Feb 07 j 00:31	21°♐40'14	
evening set	-11890 Feb 24 j 06:20	16°♐12'27	
inferior conj	-11890 Feb 28 j 09:30	13°♐43'12	7°26'41
minimum elong	-11890 Feb 28 j 16:20	13°♐32'40	7°25'17
min. Earth dist.	-11890 Mar 01 j 15:15	12°♐57'24	0.28887 AU
morning rise	-11890 Mar 05 j 01:51	10°♐53'23	
direct	-11890 Mar 22 j 07:58	5°♐23'13	
greatest brilliancy	-11890 Apr 02 j 15:26	7°♐39'29	-4.8m
desc. node	-11890 Apr 10 j 08:03	11°♐23'39	
	-11890 May 04 j 06:00	0°♑	
morning max el	-11890 May 11 j 05:39	6°♑42'34	46°29'21
	-11890 Jun 02 j 06:36	0°♒	
	-11890 Jun 28 j 05:30	0°♓	
	-11890 Jul 22 j 23:27	0°♈	
asc. node	-11890 Jul 30 j 11:45	9°♈15'32	
	-11890 Aug 16 j 04:52	0°♉	
	-11890 Sep 09 j 06:51	0°♊	
	-11890 Oct 03 j 10:49	0°♋	
	-11890 Oct 27 j 18:56	0°♌	
morning set	-11890 Nov 16 j 10:51	24°♌06'11	
desc. node	-11890 Nov 20 j 19:22	29°♌25'47	
	-11890 Nov 21 j 06:33	0°♍	
	-11890 Dec 15 j 19:17	0°♎	
max. Earth dist.	-11890 Dec 23 j 17:24	9°♎41'41	1.73819 AU
superior conj	-11890 Dec 25 j 08:31	11°♎41'28	-1°06'10
minimum elong	-11890 Dec 25 j 00:30	11°♎16'53	1°06'03
	-11889 Jan 09 j 06:53	0°♏	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

evening rise	-11889 Jan 30 j 05:25	25°♏43'56	
	-11889 Feb 02 j 16:40	0°♐	
greatest brilliancy	-11889 Feb 04 j 08:12	2°♐01'39	-3.9m
	-11889 Feb 27 j 01:42	0°♑	
asc. node	-11889 Mar 11 j 21:49	15°♑47'09	
	-11889 Mar 23 j 11:47	0°♒	
	-11889 Apr 17 j 00:31	0°♓	
	-11889 May 11 j 17:35	0°♈	
	-11889 Jun 05 j 18:28	0°♉	
	-11889 Jul 01 j 11:45	0°♊	
desc. node	-11889 Jul 03 j 12:40	2°♊19'17	
	-11889 Jul 28 j 21:37	0°♋	
evening max el	-11889 Jul 30 j 13:22	1°♋42'02	47°42'35
	-11889 Sep 01 j 17:31	0°♌	
greatest brilliancy	-11889 Sep 09 j 17:41	3°♌55'51	-4.9m
retrograde	-11889 Sep 19 j 19:57	5°♌54'39	
evening set	-11889 Oct 05 j 04:06	1°♌05'58	
	-11889 Oct 06 j 23:59	30°℞♋	
inferior conj	-11889 Oct 10 j 19:11	27°♋34'32	-2°50'30
minimum elong	-11889 Oct 11 j 00:48	27°♋25'27	2°48'18
min. Earth dist.	-11889 Oct 10 j 07:10	27°♋53'59	0.27907 AU
morning rise	-11889 Oct 16 j 22:13	23°♋47'40	
asc. node	-11889 Oct 22 j 21:46	21°♋00'32	
direct	-11889 Oct 31 j 12:40	19°♋28'04	
greatest brilliancy	-11889 Nov 09 j 16:38	21°♋03'03	-4.8m
	-11889 Nov 26 j 03:41	0°♌	
morning max el	-11889 Dec 19 j 11:08	19°♌52'49	46°01'39
	-11889 Dec 29 j 17:20	0°♍	
	-11888 Jan 26 j 22:25	0°♎	
desc. node	-11888 Feb 13 j 10:09	19°♎37'41	
	-11888 Feb 22 j 10:59	0°♏	
	-11888 Mar 18 j 23:25	0°♐	
	-11888 Apr 12 j 18:19	0°♑	
	-11888 May 07 j 00:31	0°♒	
	-11888 May 30 j 22:25	0°♓	
asc. node	-11888 Jun 03 j 10:25	4°♓24'51	
greatest brilliancy	-11888 Jun 06 j 18:08	8°♓36'23	-3.9m
morning set	-11888 Jun 12 j 11:40	15°♓50'56	
	-11888 Jun 23 j 15:59	0°♈	
	-11888 Jul 17 j 08:43	0°♉	
superior conj	-11888 Jul 22 j 18:08	6°♉49'03	1°21'38
minimum elong	-11888 Jul 22 j 13:48	6°♉35'21	1°21'59
max. Earth dist.	-11888 Jul 27 j 12:13	12°♉49'13	1.70809 AU
	-11888 Aug 10 j 03:32	0°♊	
	-11888 Sep 03 j 02:30	0°♋	
evening rise	-11888 Sep 03 j 18:59	0°♋51'20	
desc. node	-11888 Sep 24 j 19:25	26°♋57'21	
	-11888 Sep 27 j 06:30	0°♌	
	-11888 Oct 21 j 15:25	0°♍	
	-11888 Nov 15 j 05:28	0°♎	
	-11888 Dec 10 j 03:00	0°♏	
	-11887 Jan 04 j 14:08	0°♐	
asc. node	-11887 Jan 14 j 02:07	10°♐55'17	
	-11887 Jan 31 j 03:16	0°♑	
	-11887 Mar 01 j 00:51	0°♒	
evening max el	-11887 Mar 03 j 08:15	2°♒12'22	45°31'55
	-11887 Apr 11 j 00:34	0°♓	
greatest brilliancy	-11887 Apr 11 j 12:47	0°♓10'30	-4.8m
retrograde	-11887 Apr 21 j 08:38	1°♓53'57	
	-11887 May 01 j 06:45	30°℞♒	
evening set	-11887 May 05 j 18:26	28°♒00'14	
desc. node	-11887 May 07 j 18:58	26°♒56'09	
inferior conj	-11887 May 12 j 05:31	24°♒23'21	-1°04'50
minimum elong	-11887 May 12 j 03:02	24°♒27'01	1°04'30
min. Earth dist.	-11887 May 12 j 15:26	24°♒08'47	0.26738 AU
morning rise	-11887 May 18 j 10:50	20°♒52'21	
direct	-11887 Jun 02 j 00:43	16°♒47'01	
greatest brilliancy	-11887 Jun 13 j 11:18	19°♒11'29	-4.9m
	-11887 Jul 01 j 01:12	0°♓	
morning max el	-11887 Jul 22 j 15:35	19°♓50'48	46°40'59
	-11887 Aug 01 j 07:28	0°♈	
asc. node	-11887 Aug 27 j 00:53	29°♈03'18	
	-11887 Aug 27 j 20:18	0°♉	
	-11887 Sep 22 j 02:10	0°♊	
	-11887 Oct 16 j 22:51	0°♋	
	-11887 Nov 10 j 18:41	0°♌	
	-11887 Dec 05 j 15:25	0°♍	
desc. node	-11887 Dec 18 j 09:11	15°♍22'49	
	-11887 Dec 30 j 11:13	0°♎	
	-11886 Jan 24 j 03:20	0°♏	
morning set	-11886 Jan 25 j 11:52	1°♏39'21	
	-11886 Feb 17 j 14:15	0°♐	
max. Earth dist.	-11886 Feb 25 j 10:37	9°♐40'57	1.73214 AU
superior conj	-11886 Mar 01 j 19:32	15°♐05'14	-1°10'54
minimum elong	-11886 Mar 02 j 01:53	15°♐24'55	1°11'26
	-11886 Mar 13 j 20:23	0°♑	
evening rise	-11886 Apr 05 j 22:40	28°♑43'06	
	-11886 Apr 06 j 23:22	0°♒	
asc. node	-11886 Apr 08 j 10:03	1°♒48'02	
	-11886 May 01 j 01:00	0°♓	
	-11886 May 25 j 02:51	0°♈	
	-11886 Jun 18 j 06:41	0°♉	
	-11886 Jul 12 j 15:05	0°♊	
desc. node	-11886 Jul 30 j 22:53	22°♊18'23	
	-11886 Aug 06 j 08:03	0°♋	
	-11886 Aug 31 j 16:38	0°♌	
	-11886 Sep 27 j 10:29	0°♍	
evening max el	-11886 Oct 09 j 02:53	12°♍08'54	46°03'42
	-11886 Oct 28 j 15:46	0°♎	
greatest brilliancy	-11886 Nov 16 j 07:45	11°♎40'07	-4.8m
asc. node	-11886 Nov 19 j 08:26	12°♎44'51	
retrograde	-11886 Nov 27 j 17:41	14°♎05'20	
evening set	-11886 Dec 13 j 13:54	9°♎05'00	
inferior conj	-11886 Dec 19 j 01:10	5°♎40'33	5°59'29
minimum elong	-11886 Dec 18 j 16:32	5°♎54'26	5°57'49
min. Earth dist.	-11886 Dec 18 j 19:48	5°♎49'11	0.29414 AU
morning rise	-11886 Dec 23 j 19:28	2°♎41'24	
	-11886 Dec 28 j 19:47	30°℞♍	
direct	-11885 Jan 09 j 19:41	27°♍08'45	
greatest brilliancy	-11885 Jan 19 j 02:39	28°♍42'51	-4.7m
	-11885 Jan 22 j 13:24	0°♎	
morning max el	-11885 Feb 27 j 18:09	26°♎49'20	46°05'23
	-11885 Mar 03 j 01:35	0°♏	
desc. node	-11885 Mar 12 j 22:47	9°♏54'00	
	-11885 Mar 31 j 17:13	0°♐	
	-11885 Apr 26 j 22:03	0°♑	
	-11885 May 21 j 21:40	0°♒	
	-11885 Jun 15 j 04:28	0°♓	
asc. node	-11885 Jul 02 j 00:13	21°♓05'04	
	-11885 Jul 09 j 02:06	0°♈	
	-11885 Aug 01 j 20:13	0°♉	
	-11885 Aug 25 j 15:19	0°♊	
morning set	-11885 Aug 29 j 10:31	4°♊46'25	
	-11885 Sep 18 j 14:21	0°♋	
superior conj	-11885 Oct 10 j 21:59	27°♋42'51	0°27'30
minimum elong	-11885 Oct 11 j 05:05	28°♋04'48	0°27'49
	-11885 Oct 12 j 18:20	0°♌	
max. Earth dist.	-11885 Oct 16 j 06:59	4°♌21'37	1.72600 AU
desc. node	-11885 Oct 23 j 08:06	13°♌03'26	
	-11885 Nov 06 j 02:23	0°♍	
evening rise	-11885 Nov 20 j 21:11	18°♍09'46	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11885 Nov 30 j 12:50	0°♎		
	-11885 Dec 25 j 00:57	0°♏		
	-11884 Jan 18 j 16:00	0°♐		
asc. node	-11884 Feb 11 j 12:48	28°♐47'38		
	-11884 Feb 12 j 12:57	0°♑		
	-11884 Mar 08 j 19:42	0°♒		
	-11884 Apr 03 j 17:38	0°♓		
	-11884 Apr 30 j 19:36	0°♈		
evening max el	-11884 May 16 j 06:32	15°♈58'56	47°21'30	
	-11884 May 31 j 06:36	0°♉		
desc. node	-11884 Jun 04 j 05:06	3°♉18'48		
greatest brilliancy	-11884 Jun 26 j 12:35	17°♉01'46	-4.9m	
retrograde	-11884 Jul 05 j 23:19	18°♉42'51		
evening set	-11884 Jul 23 j 14:06	12°♉43'51		
min. Earth dist.	-11884 Jul 25 j 21:03	11°♉20'20	0.26638 AU	
inferior conj	-11884 Jul 26 j 16:14	10°♉50'52	-8°47'04	
minimum elong	-11884 Jul 26 j 14:45	10°♉53'10	8°46'37	
morning rise	-11884 Jul 29 j 15:34	9°♉02'48		
direct	-11884 Aug 15 j 20:39	3°♉18'07		
greatest brilliancy	-11884 Aug 25 j 12:38	5°♉06'32	-4.9m	
asc. node	-11884 Sep 23 j 12:54	25°♉06'50		
	-11884 Sep 28 j 17:44	0°♊		
morning max el	-11884 Oct 05 j 00:35	6°♊11'40	46°22'39	
	-11884 Oct 27 j 11:08	0°♋		
	-11884 Nov 23 j 01:42	0°♌		
	-11884 Dec 18 j 23:41	0°♍		
	-11883 Jan 13 j 12:14	0°♎		
desc. node	-11883 Jan 14 j 22:54	1°♎42'37		
	-11883 Feb 07 j 15:34	0°♏		
	-11883 Mar 04 j 09:07	0°♐		
	-11883 Mar 28 j 17:42	0°♑		
morning set	-11883 Apr 01 j 20:01	5°♑05'05		
	-11883 Apr 21 j 19:22	0°♒		
max. Earth dist.	-11883 May 04 j 04:05	15°♒30'32	1.71525 AU	
asc. node	-11883 May 05 j 23:01	17°♒45'24		
superior conj	-11883 May 07 j 16:30	19°♒55'45	0°04'03	
minimum elong	-11883 May 07 j 15:45	19°♒53'23	0°03'34	
behind sun begin	-11883 May 06 j 17:09	18°♒42'22		
behind sun end	-11883 May 08 j 14:21	21°♒04'25		
	-11883 May 15 j 16:39	0°♓		
	-11883 Jun 08 j 12:02	0°♈		
evening rise	-11883 Jun 14 j 12:19	7°♈34'33		
	-11883 Jul 02 j 07:51	0°♉		
	-11883 Jul 26 j 06:23	0°♊		
	-11883 Aug 19 j 09:38	0°♋		
desc. node	-11883 Aug 27 j 09:53	9°♋53'23		
	-11883 Sep 12 j 19:22	0°♌		
	-11883 Oct 07 j 14:06	0°♍		
	-11883 Nov 01 j 23:54	0°♎		
	-11883 Nov 28 j 17:11	0°♏		
asc. node	-11883 Dec 16 j 18:20	18°♏35'09		
evening max el	-11883 Dec 18 j 17:30	20°♏29'08	44°51'15	
	-11883 Dec 29 j 03:24	0°♐		
greatest brilliancy	-11882 Jan 25 j 05:38	17°♐35'26	-4.7m	
retrograde	-11882 Feb 04 j 16:00	19°♐31'36		
evening set	-11882 Feb 21 j 23:57	14°♐00'23		
inferior conj	-11882 Feb 26 j 01:34	11°♐33'17	7°33'45	
minimum elong	-11882 Feb 26 j 07:53	11°♐23'33	7°32'29	
min. Earth dist.	-11882 Feb 27 j 07:00	10°♐47'56	0.28954 AU	
morning rise	-11882 Mar 02 j 15:19	8°♐46'56		
direct	-11882 Mar 19 j 23:49	3°♐11'52		
greatest brilliancy	-11882 Mar 31 j 07:17	5°♐27'33	-4.8m	
desc. node	-11882 Apr 09 j 10:19	10°♐01'52		
	-11882 May 04 j 07:13	0°♑		
morning max el	-11882 May 08 j 20:40	4°♑25'08	46°28'35	
	-11882 Jun 01 j 23:35	0°♒		
	-11882 Jun 27 j 19:51	0°♓		
	-11882 Jul 22 j 12:36	0°♈		
asc. node	-11882 Jul 29 j 13:59	8°♈42'30		
	-11882 Aug 15 j 17:22	0°♉		
	-11882 Sep 08 j 18:57	0°♊		
	-11882 Oct 02 j 22:36	0°♋		
	-11882 Oct 27 j 06:26	0°♌		
morning set	-11882 Nov 14 j 00:29	21°♌46'20		
desc. node	-11882 Nov 19 j 21:27	28°♌57'41		
	-11882 Nov 20 j 17:50	0°♍		
	-11882 Dec 15 j 06:24	0°♎		
max. Earth dist.	-11882 Dec 21 j 13:11	7°♎41'25	1.73808 AU	
superior conj	-11882 Dec 23 j 02:07	9°♎34'29	-1°04'23	
minimum elong	-11882 Dec 22 j 17:50	9°♎09'07	1°04'13	
	-11881 Jan 08 j 17:56	0°♏		
evening rise	-11881 Jan 28 j 01:21	23°♏43'31		
	-11881 Feb 02 j 03:47	0°♐		
greatest brilliancy	-11881 Feb 02 j 21:57	0°♐55'52	-3.9m	
	-11881 Feb 26 j 13:02	0°♑		
asc. node	-11881 Mar 11 j 00:08	15°♑18'54		
	-11881 Mar 22 j 23:29	0°♒		
	-11881 Apr 16 j 12:48	0°♓		
	-11881 May 11 j 06:42	0°♈		
	-11881 Jun 05 j 08:49	0°♉		
	-11881 Jul 01 j 04:19	0°♊		
desc. node	-11881 Jul 02 j 14:53	1°♊37'58		
evening max el	-11881 Jul 28 j 03:52	29°♊19'18	47°44'32	
	-11881 Jul 28 j 19:50	0°♋		
	-11881 Sep 03 j 16:26	0°♌		
greatest brilliancy	-11881 Sep 07 j 11:10	1°♌37'52	-4.9m	
retrograde	-11881 Sep 17 j 11:46	3°♌35'34		
	-11881 Sep 30 j 14:56	30°℞♋		
evening set	-11881 Oct 02 j 21:47	28°♋43'59		
inferior conj	-11881 Oct 08 j 10:53	25°♋15'57	-3°10'17	
minimum elong	-11881 Oct 08 j 17:04	25°♋05'58	3°07'54	
min. Earth dist.	-11881 Oct 07 j 23:07	25°♋34'56	0.27855 AU	
morning rise	-11881 Oct 14 j 13:01	21°♋30'41		
asc. node	-11881 Oct 22 j 00:05	18°♋13'50		
direct	-11881 Oct 29 j 03:04	17°♋10'21		
greatest brilliancy	-11881 Nov 07 j 08:23	18°♋46'37	-4.8m	
	-11881 Nov 26 j 20:30	0°♌		
morning max el	-11881 Dec 17 j 02:50	17°♌40'14	46°02'13	
	-11881 Dec 29 j 12:45	0°♍		
	-11880 Jan 26 j 13:22	0°♎		
desc. node	-11880 Feb 12 j 12:27	19°♎05'31		
	-11880 Feb 22 j 00:04	0°♏		
	-11880 Mar 18 j 11:33	0°♐		
	-11880 Apr 12 j 05:58	0°♑		
	-11880 May 06 j 11:57	0°♒		
	-11880 May 30 j 09:46	0°♓		
asc. node	-11880 Jun 02 j 12:30	3°♓55'41		
greatest brilliancy	-11880 Jun 06 j 00:45	8°♓21'31	-3.9m	
morning set	-11880 Jun 10 j 01:23	13°♓26'45		
	-11880 Jun 23 j 03:20	0°♈		
	-11880 Jul 16 j 20:05	0°♉		
superior conj	-11880 Jul 20 j 03:50	4°♉12'08	1°20'49	
minimum elong	-11880 Jul 19 j 22:35	3°♉55'31	1°21'07	
max. Earth dist.	-11880 Jul 24 j 15:10	9°♉51'09	1.70785 AU	
	-11880 Aug 09 j 14:56	0°♊		
evening rise	-11880 Sep 01 j 01:55	28°♊07'41		
	-11880 Sep 02 j 13:57	0°♋		
desc. node	-11880 Sep 23 j 21:37	26°♋28'34		
	-11880 Sep 26 j 18:00	0°♌		
	-11880 Oct 21 j 03:03	0°♍		
	-11880 Nov 14 j 17:21	0°♎		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11880 Dec 09 j 15:24	0°♏		
	-11879 Jan 04 j 03:42	0°♐		
asc. node	-11879 Jan 13 j 04:30	10°♐21'28		
	-11879 Jan 30 j 19:25	0°♑		
evening max el	-11879 Feb 28 j 22:35	29°♑55'41	45°28'47	
	-11879 Mar 01 j 00:25	0°♒		
greatest brilliancy	-11879 Apr 08 j 23:52	27°♒45'38	-4.8m	
retrograde	-11879 Apr 18 j 21:05	29°♒29'37		
evening set	-11879 May 03 j 06:53	25°♒35'30		
desc. node	-11879 May 06 j 21:09	23°♒38'23		
inferior conj	-11879 May 09 j 17:41	21°♒58'37	-0°41'40	
minimum elong	-11879 May 09 j 16:05	22°♒01'00	0°41'37	
min. Earth dist.	-11879 May 10 j 04:54	21°♒42'08	0.26792 AU	
morning rise	-11879 May 16 j 00:33	18°♒25'43		
direct	-11879 May 30 j 14:37	14°♒21'14		
greatest brilliancy	-11879 Jun 11 j 01:09	16°♒46'00	-4.9m	
	-11879 Jul 01 j 14:57	0°♓		
morning max el	-11879 Jul 20 j 05:44	17°♓25'39	46°41'04	
	-11879 Aug 01 j 03:14	0°♈		
asc. node	-11879 Aug 26 j 03:12	28°♈24'18		
	-11879 Aug 27 j 11:51	0°♉		
	-11879 Sep 21 j 15:54	0°♊		
	-11879 Oct 16 j 11:35	0°♋		
	-11879 Nov 10 j 06:46	0°♌		
	-11879 Dec 05 j 03:02	0°♍		
desc. node	-11879 Dec 17 j 11:15	14°♍54'33		
	-11879 Dec 29 j 22:30	0°♎		
morning set	-11878 Jan 23 j 06:21	29°♎35'32		
	-11878 Jan 23 j 14:22	0°♏		
	-11878 Feb 17 j 01:09	0°♐		
max. Earth dist.	-11878 Feb 23 j 08:12	7°♐45'44	1.73255 AU	
superior conj	-11878 Feb 27 j 15:35	13°♐05'06	-1°12'14	
minimum elong	-11878 Feb 27 j 21:38	13°♐23'49	1°12'45	
	-11878 Mar 13 j 07:18	0°♑		
evening rise	-11878 Apr 03 j 17:57	26°♑39'16		
	-11878 Apr 06 j 10:26	0°♒		
asc. node	-11878 Apr 07 j 12:18	1°♒20'34		
	-11878 Apr 30 j 12:19	0°♓		
	-11878 May 24 j 14:30	0°♈		
	-11878 Jun 17 j 18:44	0°♉		
	-11878 Jul 12 j 03:40	0°♊		
desc. node	-11878 Jul 30 j 01:14	21°♊45'45		
	-11878 Aug 05 j 21:26	0°♋		
	-11878 Aug 31 j 07:31	0°♌		
	-11878 Sep 27 j 04:59	0°♍		
evening max el	-11878 Oct 06 j 19:31	9°♍56'32	46°07'24	
	-11878 Oct 29 j 03:25	0°♎		
greatest brilliancy	-11878 Nov 14 j 02:07	9°♎33'15	-4.8m	
asc. node	-11878 Nov 18 j 10:37	11°♎00'34		
retrograde	-11878 Nov 25 j 11:28	11°♎57'44		
evening set	-11878 Dec 11 j 05:25	7°♎00'35		
inferior conj	-11878 Dec 16 j 18:38	3°♎32'45	5°47'09	
minimum elong	-11878 Dec 16 j 10:00	3°♎46'39	5°45'26	
min. Earth dist.	-11878 Dec 16 j 12:18	3°♎42'57	0.29378 AU	
morning rise	-11878 Dec 21 j 14:56	0°♎30'17		
	-11878 Dec 22 j 11:36	30°℞♍		
direct	-11877 Jan 07 j 12:56	25°♍01'38		
greatest brilliancy	-11877 Jan 16 j 17:53	26°♍34'12	-4.7m	
	-11877 Jan 24 j 16:56	0°♎		
morning max el	-11877 Feb 25 j 10:18	24°♎40'43	46°04'51	
	-11877 Mar 02 j 22:24	0°♏		
desc. node	-11877 Mar 12 j 00:55	9°♏12'20		
	-11877 Mar 31 j 08:28	0°♐		
	-11877 Apr 26 j 11:17	0°♑		
	-11877 May 21 j 09:57	0°♒		
	-11877 Jun 14 j 16:17	0°♓		
asc. node	-11877 Jul 01 j 02:29	20°♓35'41		
	-11877 Jul 08 j 13:40	0°♈		
	-11877 Aug 01 j 07:39	0°♉		
	-11877 Aug 25 j 02:40	0°♊		
morning set	-11877 Aug 26 j 19:36	2°♊08'37		
	-11877 Sep 18 j 01:38	0°♋		
superior conj	-11877 Oct 08 j 07:38	25°♋09'30	0°31'05	
minimum elong	-11877 Oct 08 j 15:33	25°♋33'59	0°31'22	
	-11877 Oct 12 j 05:32	0°♌		
max. Earth dist.	-11877 Oct 14 j 01:11	2°♌14'59	1.72532 AU	
desc. node	-11877 Oct 22 j 10:11	12°♌35'29		
	-11877 Nov 05 j 13:30	0°♍		
evening rise	-11877 Nov 18 j 11:40	15°♍52'48		
	-11877 Nov 29 j 23:56	0°♎		
	-11877 Dec 24 j 12:12	0°♏		
	-11876 Jan 18 j 03:35	0°♐		
asc. node	-11876 Feb 10 j 15:09	28°♐18'10		
	-11876 Feb 12 j 01:10	0°♑		
	-11876 Mar 08 j 09:01	0°♒		
	-11876 Apr 03 j 08:54	0°♓		
	-11876 Apr 30 j 15:01	0°♈		
evening max el	-11876 May 13 j 19:40	13°♈33'14	47°18'10	
	-11876 May 31 j 17:14	0°♉		
desc. node	-11876 Jun 03 j 07:18	2°♉05'58		
greatest brilliancy	-11876 Jun 24 j 01:11	14°♉31'54	-4.9m	
retrograde	-11876 Jul 03 j 11:17	16°♉12'13		
evening set	-11876 Jul 21 j 00:30	10°♉17'38		
min. Earth dist.	-11876 Jul 23 j 09:40	8°♉50'54	0.26609 AU	
inferior conj	-11876 Jul 24 j 04:40	8°♉21'43	-8°44'45	
minimum elong	-11876 Jul 24 j 02:16	8°♉25'25	8°44'16	
morning rise	-11876 Jul 27 j 04:11	6°♉33'22		
direct	-11876 Aug 13 j 08:44	0°♉49'51		
greatest brilliancy	-11876 Aug 23 j 02:12	2°♉38'57	-4.9m	
asc. node	-11876 Sep 22 j 15:09	24°♉05'50		
	-11876 Sep 28 j 19:03	0°♊		
morning max el	-11876 Oct 02 j 12:39	3°♊43'03	46°23'25	
	-11876 Oct 27 j 04:18	0°♋		
	-11876 Nov 22 j 15:59	0°♌		
	-11876 Dec 18 j 12:30	0°♍		
	-11875 Jan 13 j 00:10	0°♎		
desc. node	-11875 Jan 14 j 01:12	1°♎14'09		
	-11875 Feb 07 j 02:58	0°♏		
	-11875 Mar 03 j 20:14	0°♐		
	-11875 Mar 28 j 04:40	0°♑		
morning set	-11875 Mar 30 j 15:03	3°♑01'08		
	-11875 Apr 21 j 06:18	0°♒		
max. Earth dist.	-11875 May 01 j 18:47	13°♒11'34	1.71582 AU	
superior conj	-11875 May 05 j 09:28	17°♒43'47	0°00'49	
minimum elong	-11875 May 05 j 09:24	17°♒43'37	0°00'19	
behind sun begin	-11875 May 04 j 10:32	16°♒31'47		
behind sun end	-11875 May 06 j 08:16	18°♒55'28		
asc. node	-11875 May 05 j 01:09	17°♒17'41		
	-11875 May 15 j 03:38	0°♓		
	-11875 Jun 07 j 23:07	0°♈		
evening rise	-11875 Jun 12 j 01:55	5°♈11'11		
	-11875 Jul 01 j 19:07	0°♉		
	-11875 Jul 25 j 17:50	0°♊		
	-11875 Aug 18 j 21:19	0°♋		
desc. node	-11875 Aug 26 j 12:04	9°♋23'46		
	-11875 Sep 12 j 07:24	0°♌		
	-11875 Oct 07 j 02:45	0°♍		
	-11875 Nov 01 j 13:49	0°♎		
	-11875 Nov 28 j 10:12	0°♏		
asc. node	-11875 Dec 15 j 20:45	17°♏48'16		
evening max el	-11875 Dec 16 j 07:52	18°♏15'01	44°52'08	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11875 Dec 29 j 08:27	0°♐	
greatest brilliancy	-11874 Jan 22 j 19:49	15°♐25'14	-4.7m
retrograde	-11874 Feb 02 j 07:48	17°♐23'17	
evening set	-11874 Feb 19 j 17:17	11°♐48'36	
inferior conj	-11874 Feb 23 j 17:30	9°♐23'31	7°40'14
minimum elong	-11874 Feb 23 j 23:15	9°♐14'38	7°39'04
min. Earth dist.	-11874 Feb 24 j 22:20	8°♐39'04	0.29019 AU
morning rise	-11874 Feb 28 j 04:45	6°♐40'42	
direct	-11874 Mar 17 j 15:44	1°♐00'39	
greatest brilliancy	-11874 Mar 28 j 22:51	3°♐15'54	-4.8m
desc. node	-11874 Apr 08 j 12:29	8°♐42'54	
	-11874 May 04 j 07:01	0°♑	
morning max el	-11874 May 06 j 12:34	2°♑10'46	46°27'56
	-11874 Jun 01 j 16:00	0°♒	
	-11874 Jun 27 j 09:47	0°♓	
	-11874 Jul 22 j 01:21	0°♈	
asc. node	-11874 Jul 28 j 16:16	8°♈10'47	
	-11874 Aug 15 j 05:28	0°♉	
	-11874 Sep 08 j 06:40	0°♊	
	-11874 Oct 02 j 10:01	0°♋	
	-11874 Oct 26 j 17:39	0°♌	
morning set	-11874 Nov 11 j 13:40	19°♌25'43	
desc. node	-11874 Nov 18 j 23:34	28°♌30'22	
	-11874 Nov 20 j 04:52	0°♍	
	-11874 Dec 14 j 17:18	0°♎	
max. Earth dist.	-11874 Dec 19 j 08:43	5°♎41'00	1.73799 AU
superior conj	-11874 Dec 20 j 19:05	7°♎26'14	-1°02'27
minimum elong	-11874 Dec 20 j 10:35	7°♎00'13	1°02'16
	-11873 Jan 08 j 04:47	0°♏	
evening rise	-11873 Jan 25 j 20:48	21°♏42'17	
greatest brilliancy	-11873 Feb 01 j 11:15	29°♏49'24	-3.9m
	-11873 Feb 01 j 14:42	0°♐	
	-11873 Feb 26 j 00:10	0°♑	
asc. node	-11873 Mar 10 j 02:21	14°♑50'54	
	-11873 Mar 22 j 11:02	0°♒	
	-11873 Apr 16 j 00:57	0°♓	
	-11873 May 10 j 19:42	0°♈	
	-11873 Jun 04 j 23:04	0°♉	
	-11873 Jun 30 j 20:51	0°♊	
desc. node	-11873 Jul 01 j 17:19	0°♊57'41	
evening max el	-11873 Jul 25 j 19:24	27°♊00'21	47°46'33
	-11873 Jul 28 j 18:27	0°♋	
greatest brilliancy	-11873 Sep 05 j 03:58	29°♋20'21	-4.9m
	-11873 Sep 07 j 02:21	0°♌	
retrograde	-11873 Sep 15 j 04:03	1°♌17'42	
	-11873 Sep 22 j 22:49	30°℞♋	
evening set	-11873 Sep 30 j 15:37	26°♋22'56	
min. Earth dist.	-11873 Oct 05 j 14:43	23°♋17'31	0.27805 AU
inferior conj	-11873 Oct 06 j 02:36	22°♋58'24	-3°29'44
minimum elong	-11873 Oct 06 j 09:20	22°♋47'33	3°27'13
morning rise	-11873 Oct 12 j 03:44	19°♋15'07	
asc. node	-11873 Oct 21 j 02:16	15°♋33'51	
direct	-11873 Oct 26 j 17:57	14°♋53'43	
greatest brilliancy	-11873 Nov 04 j 23:40	16°♋30'45	-4.8m
	-11873 Nov 27 j 08:39	0°♌	
morning max el	-11873 Dec 14 j 19:28	15°♌30'35	46°02'31
	-11873 Dec 29 j 07:26	0°♍	
	-11872 Jan 26 j 03:58	0°♎	
desc. node	-11872 Feb 11 j 14:31	18°♎33'16	
	-11872 Feb 21 j 12:56	0°♏	
	-11872 Mar 17 j 23:31	0°♐	
	-11872 Apr 11 j 17:26	0°♑	
	-11872 May 05 j 23:10	0°♒	
	-11872 May 29 j 20:55	0°♓	
asc. node	-11872 Jun 01 j 14:45	3°♓27'34	
greatest brilliancy	-11872 Jun 05 j 04:21	7°♓57'43	-3.9m
morning set	-11872 Jun 07 j 15:08	11°♓03'18	
	-11872 Jun 22 j 14:30	0°♈	
	-11872 Jul 16 j 07:17	0°♉	
superior conj	-11872 Jul 17 j 13:46	1°♉36'22	1°19'50
minimum elong	-11872 Jul 17 j 07:38	1°♉16'59	1°20'04
max. Earth dist.	-11872 Jul 21 j 20:03	6°♉59'36	1.70759 AU
	-11872 Aug 09 j 02:08	0°♊	
evening rise	-11872 Aug 29 j 09:03	25°♊25'12	
	-11872 Sep 02 j 01:10	0°♋	
desc. node	-11872 Sep 22 j 23:46	26°♋00'24	
	-11872 Sep 26 j 05:16	0°♌	
	-11872 Oct 20 j 14:26	0°♍	
	-11872 Nov 14 j 05:00	0°♎	
	-11872 Dec 09 j 03:40	0°♏	
	-11871 Jan 03 j 17:14	0°♐	
asc. node	-11871 Jan 12 j 06:50	9°♐47'39	
	-11871 Jan 30 j 11:46	0°♑	
evening max el	-11871 Feb 26 j 13:20	27°♑40'15	45°25'42
	-11871 Mar 01 j 01:02	0°♒	
greatest brilliancy	-11871 Apr 06 j 11:28	25°♒21'52	-4.8m
retrograde	-11871 Apr 16 j 09:09	27°♒05'37	
evening set	-11871 Apr 30 j 19:36	23°♒11'08	
desc. node	-11871 May 05 j 23:22	20°♒19'19	
inferior conj	-11871 May 07 j 05:54	19°♒34'25	-0°18'32
minimum elong	-11871 May 07 j 05:10	19°♒35'30	0°18'46
min. Earth dist.	-11871 May 07 j 18:32	19°♒15'48	0.26846 AU
morning rise	-11871 May 13 j 14:00	15°♒59'37	
direct	-11871 May 28 j 04:24	11°♒56'01	
greatest brilliancy	-11871 Jun 08 j 14:51	14°♒20'37	-4.9m
	-11871 Jul 02 j 01:08	0°♓	
morning max el	-11871 Jul 17 j 19:09	14°♓58'58	46°41'06
	-11871 Jul 31 j 22:21	0°♈	
asc. node	-11871 Aug 25 j 05:17	27°♈45'15	
	-11871 Aug 27 j 03:06	0°♉	
	-11871 Sep 21 j 05:24	0°♊	
	-11871 Oct 16 j 00:06	0°♋	
	-11871 Nov 09 j 18:39	0°♌	
	-11871 Dec 04 j 14:28	0°♍	
desc. node	-11871 Dec 16 j 13:32	14°♍27'30	
	-11871 Dec 29 j 09:36	0°♎	
morning set	-11870 Jan 21 j 00:51	27°♎32'10	
	-11870 Jan 23 j 01:17	0°♏	
	-11870 Feb 16 j 12:00	0°♐	
max. Earth dist.	-11870 Feb 21 j 03:53	5°♐44'55	1.73300 AU
superior conj	-11870 Feb 25 j 11:35	11°♐05'01	-1°13'27
minimum elong	-11870 Feb 25 j 17:16	11°♐22'35	1°13'59
	-11870 Mar 12 j 18:11	0°♑	
evening rise	-11870 Apr 01 j 13:03	24°♑34'59	
	-11870 Apr 05 j 21:29	0°♒	
asc. node	-11870 Apr 06 j 14:27	0°♒52'48	
	-11870 Apr 29 j 23:38	0°♓	
	-11870 May 24 j 02:09	0°♈	
	-11870 Jun 17 j 06:49	0°♉	
	-11870 Jul 11 j 16:19	0°♊	
desc. node	-11870 Jul 29 j 03:25	21°♊12'29	
	-11870 Aug 05 j 10:55	0°♋	
	-11870 Aug 30 j 22:34	0°♌	
	-11870 Sep 26 j 23:53	0°♍	
evening max el	-11870 Oct 04 j 11:43	7°♍43'05	46°11'14
	-11870 Oct 29 j 18:48	0°♎	
greatest brilliancy	-11870 Nov 11 j 21:03	7°♎27'33	-4.8m
asc. node	-11870 Nov 17 j 12:57	9°♎13'26	
retrograde	-11870 Nov 23 j 05:03	9°♎50'58	
evening set	-11870 Dec 08 j 21:14	4°♎56'53	
min. Earth dist.	-11870 Dec 14 j 05:21	1°♎37'13	0.29339 AU

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

inferior conj	-11870 Dec 14 j 12:21	1°♎25'56	5°34'21
minimum elong	-11870 Dec 14 j 03:45	1°♎39'48	5°32'36
	-11870 Dec 16 j 17:52	30℞♍	
morning rise	-11870 Dec 19 j 10:37	28°♍20'07	
direct	-11869 Jan 05 j 05:55	22°♍55'29	
greatest brilliancy	-11869 Jan 14 j 09:51	24°♍26'59	-4.7m
	-11869 Jan 26 j 02:33	0°♎	
morning max el	-11869 Feb 23 j 01:52	22°♎30'58	46°04'10
	-11869 Mar 02 j 18:27	0°♏	
desc. node	-11869 Mar 11 j 03:04	8°♏31'21	
	-11869 Mar 30 j 23:33	0°♐	
	-11869 Apr 26 j 00:31	0°♑	
	-11869 May 20 j 22:18	0°♒	
	-11869 Jun 14 j 04:10	0°♓	
asc. node	-11869 Jun 30 j 04:44	20°♓06'01	
	-11869 Jul 08 j 01:17	0°♈	
	-11869 Jul 31 j 19:08	0°♉	
morning set	-11869 Aug 24 j 04:33	29°♉30'05	
	-11869 Aug 24 j 14:04	0°♊	
	-11869 Sep 17 j 12:59	0°♋	
superior conj	-11869 Oct 05 j 17:14	22°♋35'43	0°34'36
minimum elong	-11869 Oct 06 j 01:55	23°♋02'34	0°34'52
max. Earth dist.	-11869 Oct 11 j 17:44	0°♌02'55	1.72459 AU
	-11869 Oct 11 j 16:48	0°♌	
desc. node	-11869 Oct 21 j 12:23	12°♌07'39	
	-11869 Nov 05 j 00:41	0°♍	
evening rise	-11869 Nov 16 j 02:01	13°♍35'14	
	-11869 Nov 29 j 11:06	0°♎	
	-11869 Dec 23 j 23:29	0°♏	
	-11868 Jan 17 j 15:12	0°♐	
asc. node	-11868 Feb 09 j 17:20	27°♐48'06	
	-11868 Feb 11 j 13:28	0°♑	
	-11868 Mar 07 j 22:31	0°♒	
	-11868 Apr 03 j 00:32	0°♓	
	-11868 Apr 30 j 11:17	0°♈	
evening max el	-11868 May 11 j 08:01	11°♈04'51	47°14'38
	-11868 Jun 01 j 07:49	0°♉	
desc. node	-11868 Jun 02 j 09:42	0°♉50'18	
greatest brilliancy	-11868 Jun 21 j 13:54	12°♉00'57	-4.9m
retrograde	-11868 Jun 30 j 22:57	13°♉40'28	
evening set	-11868 Jul 18 j 10:10	7°♉50'49	
min. Earth dist.	-11868 Jul 20 j 22:20	6°♉19'54	0.26581 AU
inferior conj	-11868 Jul 21 j 16:55	5°♉51'26	-8°41'14
minimum elong	-11868 Jul 21 j 13:36	5°♉56'31	8°40'42
morning rise	-11868 Jul 24 j 17:08	4°♉02'09	
	-11868 Aug 01 j 20:47	30℞♈	
direct	-11868 Aug 10 j 20:19	28°♈20'06	
	-11868 Aug 20 j 03:53	0°♉	
greatest brilliancy	-11868 Aug 20 j 16:02	0°♉10'43	-4.9m
asc. node	-11868 Sep 21 j 17:23	23°♉05'38	
	-11868 Sep 28 j 19:25	0°♊	
morning max el	-11868 Sep 30 j 00:48	1°♊13'50	46°24'21
	-11868 Oct 26 j 21:18	0°♋	
	-11868 Nov 22 j 06:17	0°♌	
	-11868 Dec 18 j 01:23	0°♍	
	-11867 Jan 12 j 12:12	0°♎	
desc. node	-11867 Jan 13 j 03:13	0°♎44'34	
	-11867 Feb 06 j 14:28	0°♏	
	-11867 Mar 03 j 07:26	0°♐	
	-11867 Mar 27 j 15:45	0°♑	
morning set	-11867 Mar 28 j 10:23	0°♑57'48	
	-11867 Apr 20 j 17:23	0°♒	
max. Earth dist.	-11867 Apr 29 j 11:28	10°♒58'19	1.71647 AU
superior conj	-11867 May 03 j 02:39	15°♒32'01	-0°02'26
minimum elong	-11867 May 03 j 03:14	15°♒33'50	0°02'54
behind sun begin	-11867 May 02 j 04:38	14°♒22'53	
behind sun end	-11867 May 04 j 01:49	16°♒44'46	
asc. node	-11867 May 04 j 03:26	16°♒49'51	
	-11867 May 14 j 14:50	0°♓	
	-11867 Jun 07 j 10:30	0°♈	
evening rise	-11867 Jun 09 j 15:38	2°♈47'19	
	-11867 Jul 01 j 06:41	0°♉	
	-11867 Jul 25 j 05:36	0°♊	
	-11867 Aug 18 j 09:19	0°♋	
desc. node	-11867 Aug 25 j 14:14	8°♋53'12	
	-11867 Sep 11 j 19:44	0°♌	
	-11867 Oct 06 j 15:44	0°♍	
	-11867 Nov 01 j 04:07	0°♎	
	-11867 Nov 28 j 03:48	0°♏	
evening max el	-11867 Dec 13 j 23:20	16°♏03'06	44°53'17
asc. node	-11867 Dec 14 j 23:07	17°♏00'04	
	-11867 Dec 29 j 15:52	0°♐	
greatest brilliancy	-11866 Jan 20 j 09:55	13°♐15'09	-4.7m
retrograde	-11866 Jan 31 j 00:21	15°♐15'33	
evening set	-11866 Feb 17 j 10:49	9°♐37'43	
inferior conj	-11866 Feb 21 j 09:46	7°♐14'19	7°45'54
minimum elong	-11866 Feb 21 j 14:58	7°♐06'17	7°44'51
min. Earth dist.	-11866 Feb 22 j 13:35	6°♐31'26	0.29079 AU
morning rise	-11866 Feb 25 j 18:42	4°♐34'54	
	-11866 Mar 07 j 16:04	30℞♏	
direct	-11866 Mar 15 j 08:34	28°♏50'17	
	-11866 Mar 23 j 08:12	0°♐	
greatest brilliancy	-11866 Mar 26 j 14:06	1°♐04'29	-4.8m
desc. node	-11866 Apr 07 j 14:42	7°♐26'40	
morning max el	-11866 May 04 j 05:17	29°♐58'34	46°27'02
	-11866 May 04 j 05:52	0°♑	
	-11866 Jun 01 j 08:18	0°♒	
	-11866 Jun 26 j 23:50	0°♓	
	-11866 Jul 21 j 14:22	0°♈	
asc. node	-11866 Jul 27 j 18:20	7°♈37'31	
	-11866 Aug 14 j 17:55	0°♉	
	-11866 Sep 07 j 18:43	0°♊	
	-11866 Oct 01 j 21:47	0°♋	
	-11866 Oct 26 j 05:10	0°♌	
morning set	-11866 Nov 09 j 02:33	17°♌03'09	
desc. node	-11866 Nov 18 j 01:49	28°♌02'32	
	-11866 Nov 19 j 16:11	0°♍	
	-11866 Dec 14 j 04:30	0°♎	
max. Earth dist.	-11866 Dec 17 j 05:51	3°♎44'34	1.73786 AU
superior conj	-11866 Dec 18 j 11:55	5°♎16'35	-1°00'26
minimum elong	-11866 Dec 18 j 03:15	4°♎50'05	1°00'12
	-11865 Jan 07 j 15:56	0°♏	
evening rise	-11865 Jan 23 j 16:24	19°♏40'46	
greatest brilliancy	-11865 Jan 31 j 06:39	29°♏00'51	-3.9m
	-11865 Feb 01 j 01:53	0°♐	
	-11865 Feb 25 j 11:33	0°♑	
asc. node	-11865 Mar 09 j 04:36	14°♑22'20	
	-11865 Mar 21 j 22:48	0°♒	
	-11865 Apr 15 j 13:20	0°♓	
	-11865 May 10 j 08:58	0°♈	
	-11865 Jun 04 j 13:43	0°♉	
desc. node	-11865 Jun 30 j 19:26	0°♊15'04	
	-11865 Jun 30 j 14:04	0°♊	
evening max el	-11865 Jul 23 j 11:51	24°♊42'15	47°48'05
	-11865 Jul 28 j 18:38	0°♋	
greatest brilliancy	-11865 Sep 02 j 20:16	26°♋59'54	-4.9m
retrograde	-11865 Sep 12 j 20:14	28°♋56'54	
evening set	-11865 Sep 28 j 09:14	23°♋59'02	
min. Earth dist.	-11865 Oct 03 j 05:47	20°♋57'32	0.27754 AU
inferior conj	-11865 Oct 03 j 17:55	20°♋38'02	-3°49'04
minimum elong	-11865 Oct 04 j 01:10	20°♋26'22	3°46'27

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

morning rise	-11865 Oct 09 j 17:50	16°♋57'04	
asc. node	-11865 Oct 20 j 04:36	12°♋56'28	
direct	-11865 Oct 24 j 08:54	12°♋34'32	
greatest brilliancy	-11865 Nov 02 j 14:12	14°♋11'48	-4.8m
	-11865 Nov 27 j 18:23	0°♌	
morning max el	-11865 Dec 12 j 11:58	13°♌19'15	46°02'57
	-11865 Dec 29 j 02:05	0°♍	
	-11864 Jan 25 j 18:45	0°♎	
desc. node	-11864 Feb 10 j 16:39	18°♎00'28	
	-11864 Feb 21 j 02:00	0°♏	
	-11864 Mar 17 j 11:40	0°♐	
	-11864 Apr 11 j 05:06	0°♑	
	-11864 May 05 j 10:35	0°♒	
	-11864 May 29 j 08:15	0°♓	
asc. node	-11864 May 31 j 16:59	2°♓58'54	
greatest brilliancy	-11864 Jun 04 j 06:08	7°♓27'36	-3.9m
morning set	-11864 Jun 05 j 05:36	8°♓41'43	
	-11864 Jun 22 j 01:50	0°♈	
superior conj	-11864 Jul 15 j 00:15	29°♈01'46	1°18'40
minimum elong	-11864 Jul 14 j 17:20	28°♈39'53	1°18'53
	-11864 Jul 15 j 18:40	0°♉	
max. Earth dist.	-11864 Jul 19 j 01:27	4°♉08'58	1.70743 AU
	-11864 Aug 08 j 13:36	0°♊	
evening rise	-11864 Aug 26 j 16:00	22°♊40'59	
	-11864 Sep 01 j 12:43	0°♋	
desc. node	-11864 Sep 22 j 02:00	25°♋31'20	
	-11864 Sep 25 j 16:54	0°♌	
	-11864 Oct 20 j 02:12	0°♍	
	-11864 Nov 13 j 17:03	0°♎	
	-11864 Dec 08 j 16:20	0°♏	
	-11863 Jan 03 j 07:13	0°♐	
asc. node	-11863 Jan 11 j 09:01	9°♐12'15	
	-11863 Jan 30 j 04:45	0°♑	
evening max el	-11863 Feb 24 j 03:40	25°♑23'09	45°22'44
	-11863 Mar 01 j 03:14	0°♒	
greatest brilliancy	-11863 Apr 03 j 23:55	22°♒59'01	-4.8m
retrograde	-11863 Apr 13 j 20:53	24°♒41'53	
evening set	-11863 Apr 28 j 08:45	20°♒46'49	
inferior conj	-11863 May 04 j 18:20	17°♒10'42	0°04'28
minimum elong	-11863 May 04 j 18:29	17°♒10'29	0°03'55
transit middle	-11863 May 04 j 18:29	17°♒10'29	0°03'55
transit begin	-11863 May 04 j 14:28	17°♒16'25	
transit end	-11863 May 04 j 22:31	17°♒04'32	
desc. node	-11863 May 05 j 01:42	16°♒59'49	
min. Earth dist.	-11863 May 05 j 08:42	16°♒49'29	0.26899 AU
morning rise	-11863 May 11 j 03:26	13°♒34'02	
direct	-11863 May 25 j 17:51	9°♒31'13	
greatest brilliancy	-11863 Jun 06 j 05:04	11°♒55'58	-4.9m
	-11863 Jul 02 j 08:40	0°♓	
morning max el	-11863 Jul 15 j 07:34	12°♓29'37	46°41'07
	-11863 Jul 31 j 17:03	0°♈	
asc. node	-11863 Aug 24 j 07:34	27°♈06'45	
	-11863 Aug 26 j 18:16	0°♉	
	-11863 Sep 20 j 19:00	0°♊	
	-11863 Oct 15 j 12:50	0°♋	
	-11863 Nov 09 j 06:48	0°♌	
	-11863 Dec 04 j 02:12	0°♍	
desc. node	-11863 Dec 15 j 15:34	13°♍58'43	
	-11863 Dec 28 j 21:00	0°♎	
morning set	-11862 Jan 18 j 18:50	25°♎26'27	
	-11862 Jan 22 j 12:26	0°♏	
	-11862 Feb 15 j 23:03	0°♐	
max. Earth dist.	-11862 Feb 18 j 22:34	3°♐40'24	1.73342 AU
superior conj	-11862 Feb 23 j 07:21	9°♐03'40	-1°14'35
minimum elong	-11862 Feb 23 j 12:39	9°♐20'03	1°15'08
	-11862 Mar 12 j 05:18	0°♑	
evening rise	-11862 Mar 30 j 08:10	22°♑30'16	
	-11862 Apr 05 j 08:46	0°♒	
asc. node	-11862 Apr 05 j 16:45	0°♒24'51	
	-11862 Apr 29 j 11:09	0°♓	
	-11862 May 23 j 13:58	0°♈	
	-11862 Jun 16 j 19:01	0°♉	
	-11862 Jul 11 j 05:03	0°♊	
desc. node	-11862 Jul 28 j 05:38	20°♊39'06	
	-11862 Aug 05 j 00:32	0°♋	
	-11862 Aug 30 j 13:51	0°♌	
	-11862 Sep 26 j 19:27	0°♍	
evening max el	-11862 Oct 02 j 02:53	5°♍26'22	46°14'49
	-11862 Oct 30 j 16:15	0°♎	
greatest brilliancy	-11862 Nov 09 j 15:48	5°♎20'14	-4.8m
asc. node	-11862 Nov 16 j 15:18	7°♎20'58	
retrograde	-11862 Nov 20 j 22:15	7°♎42'43	
evening set	-11862 Dec 06 j 12:51	2°♎51'23	
	-11862 Dec 11 j 03:37	30°℞♍	
inferior conj	-11862 Dec 12 j 05:51	29°♍17'38	5°20'53
minimum elong	-11862 Dec 11 j 21:20	29°♍31'24	5°19'07
min. Earth dist.	-11862 Dec 11 j 22:30	29°♍29'30	0.29303 AU
morning rise	-11862 Dec 17 j 06:07	26°♍08'28	
direct	-11861 Jan 02 j 22:13	20°♍47'40	
greatest brilliancy	-11861 Jan 12 j 02:20	22°♍18'58	-4.7m
	-11861 Jan 27 j 03:15	0°♎	
morning max el	-11861 Feb 20 j 17:04	20°♎19'35	46°03'39
	-11861 Mar 02 j 14:13	0°♏	
desc. node	-11861 Mar 10 j 05:21	7°♏50'34	
	-11861 Mar 30 j 14:36	0°♐	
	-11861 Apr 25 j 13:46	0°♑	
	-11861 May 20 j 10:42	0°♒	
	-11861 Jun 13 j 16:05	0°♓	
asc. node	-11861 Jun 29 j 06:44	19°♓35'27	
	-11861 Jul 07 j 12:56	0°♈	
	-11861 Jul 31 j 06:38	0°♉	
morning set	-11861 Aug 21 j 13:55	26°♉52'41	
	-11861 Aug 24 j 01:28	0°♊	
	-11861 Sep 17 j 00:17	0°♋	
superior conj	-11861 Oct 03 j 03:02	20°♋02'32	0°38'01
minimum elong	-11861 Oct 03 j 12:25	20°♋31'35	0°38'18
max. Earth dist.	-11861 Oct 09 j 08:51	27°♋46'27	1.72389 AU
	-11861 Oct 11 j 04:01	0°♌	
desc. node	-11861 Oct 20 j 14:35	11°♌39'51	
	-11861 Nov 04 j 11:51	0°♍	
evening rise	-11861 Nov 13 j 16:09	11°♍16'50	
	-11861 Nov 28 j 22:19	0°♎	
	-11861 Dec 23 j 10:51	0°♏	
	-11860 Jan 17 j 02:57	0°♐	
asc. node	-11860 Feb 08 j 19:38	27°♐18'03	
	-11860 Feb 11 j 01:55	0°♑	
	-11860 Mar 07 j 12:11	0°♒	
	-11860 Apr 02 j 16:27	0°♓	
	-11860 Apr 30 j 08:12	0°♈	
evening max el	-11860 May 08 j 20:04	8°♈35'55	47°11'09
desc. node	-11860 Jun 01 j 11:51	29°♈31'51	
	-11860 Jun 02 j 03:05	0°♉	
greatest brilliancy	-11860 Jun 19 j 02:08	9°♉29'23	-4.9m
retrograde	-11860 Jun 28 j 10:46	11°♉08'52	
evening set	-11860 Jul 15 j 19:16	5°♉24'21	
min. Earth dist.	-11860 Jul 18 j 10:43	3°♉49'00	0.26553 AU
inferior conj	-11860 Jul 19 j 05:02	3°♉21'04	-8°36'40
minimum elong	-11860 Jul 19 j 00:48	3°♉27'32	8°36'03
morning rise	-11860 Jul 22 j 06:26	1°♉30'24	
	-11860 Jul 24 j 22:18	30°℞♈	
direct	-11860 Aug 08 j 07:58	25°♈50'08	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

greatest brilliancy	-11860 Aug 18 j 05:42	27°♈42'30	-4.9m
	-11860 Aug 23 j 10:30	0°♉	
asc. node	-11860 Sep 20 j 19:40	22°♉07'20	
morning max el	-11860 Sep 27 j 13:46	28°♉47'02	46°25'27
	-11860 Sep 28 j 18:32	0°♊	
	-11860 Oct 26 j 13:48	0°♋	
	-11860 Nov 21 j 20:15	0°♌	
	-11860 Dec 17 j 14:03	0°♍	
desc. node	-11859 Jan 12 j 05:19	0°♎15'29	
	-11859 Jan 12 j 00:06	0°♎	
	-11859 Feb 06 j 01:54	0°♏	
	-11859 Mar 02 j 18:35	0°♐	
morning set	-11859 Mar 26 j 05:30	28°♐54'03	
	-11859 Mar 27 j 02:46	0°♑	
	-11859 Apr 20 j 04:23	0°♒	
max. Earth dist.	-11859 Apr 27 j 04:15	8°♒45'50	1.71706 AU
superior conj	-11859 Apr 30 j 19:40	13°♒20'05	-0°05'38
minimum elong	-11859 Apr 30 j 20:54	13°♒23'57	0°06'05
behind sun begin	-11859 Apr 29 j 23:36	12°♒17'06	
behind sun end	-11859 May 01 j 18:12	14°♒30'48	
asc. node	-11859 May 03 j 05:37	16°♒22'00	
	-11859 May 14 j 01:55	0°♓	
	-11859 Jun 06 j 21:45	0°♈	
evening rise	-11859 Jun 07 j 05:25	0°♈24'10	
	-11859 Jun 30 j 18:07	0°♉	
	-11859 Jul 24 j 17:14	0°♊	
	-11859 Aug 17 j 21:09	0°♋	
desc. node	-11859 Aug 24 j 16:32	8°♋23'34	
	-11859 Sep 11 j 07:55	0°♌	
	-11859 Oct 06 j 04:32	0°♍	
	-11859 Oct 31 j 18:17	0°♎	
	-11859 Nov 27 j 21:30	0°♏	
evening max el	-11859 Dec 11 j 15:24	13°♏53'19	44°54'21
asc. node	-11859 Dec 14 j 01:15	16°♏11'12	
	-11859 Dec 30 j 01:44	0°♐	
greatest brilliancy	-11858 Jan 17 j 23:59	11°♐05'31	-4.7m
retrograde	-11858 Jan 28 j 16:53	13°♐07'52	
evening set	-11858 Feb 15 j 04:04	7°♐27'26	
inferior conj	-11858 Feb 19 j 01:56	5°♐05'12	7°50'52
minimum elong	-11858 Feb 19 j 06:32	4°♐58'05	7°49'56
min. Earth dist.	-11858 Feb 20 j 04:23	4°♐24'21	0.29140 AU
morning rise	-11858 Feb 23 j 08:40	2°♐28'55	
	-11858 Feb 27 j 22:28	30°℞♏	
direct	-11858 Mar 13 j 01:41	26°♏40'12	
greatest brilliancy	-11858 Mar 24 j 04:40	28°♏52'30	-4.8m
	-11858 Mar 26 j 21:46	0°♐	
desc. node	-11858 Apr 06 j 16:57	6°♐12'53	
morning max el	-11858 May 01 j 22:03	27°♐46'55	46°26'08
	-11858 May 04 j 03:46	0°♑	
	-11858 Jun 01 j 00:12	0°♒	
	-11858 Jun 26 j 13:35	0°♓	
	-11858 Jul 21 j 03:05	0°♈	
asc. node	-11858 Jul 26 j 20:34	7°♈05'37	
	-11858 Aug 14 j 06:03	0°♉	
	-11858 Sep 07 j 06:29	0°♊	
	-11858 Oct 01 j 09:15	0°♋	
	-11858 Oct 25 j 16:23	0°♌	
morning set	-11858 Nov 06 j 15:33	14°♌41'43	
desc. node	-11858 Nov 17 j 03:51	27°♌34'59	
	-11858 Nov 19 j 03:12	0°♍	
	-11858 Dec 13 j 15:22	0°♎	
max. Earth dist.	-11858 Dec 15 j 05:08	1°♎55'36	1.73770 AU
superior conj	-11858 Dec 16 j 04:44	3°♎07'54	-0°58'20
minimum elong	-11858 Dec 15 j 19:57	2°♎41'01	0°58'03
	-11857 Jan 07 j 02:45	0°♏	
evening rise	-11857 Jan 21 j 12:05	17°♏40'28	
greatest brilliancy	-11857 Jan 30 j 03:50	28°♏18'45	-3.9m
	-11857 Jan 31 j 12:47	0°♐	
	-11857 Feb 24 j 22:42	0°♑	
asc. node	-11857 Mar 08 j 06:55	13°♑54'37	
	-11857 Mar 21 j 10:24	0°♒	
	-11857 Apr 15 j 01:34	0°♓	
	-11857 May 09 j 22:07	0°♈	
	-11857 Jun 04 j 04:16	0°♉	
desc. node	-11857 Jun 29 j 21:41	29°♉33'11	
	-11857 Jun 30 j 07:18	0°♊	
evening max el	-11857 Jul 21 j 04:43	22°♊26'04	47°49'35
	-11857 Jul 28 j 19:32	0°♋	
greatest brilliancy	-11857 Aug 31 j 12:37	24°♋40'33	-4.9m
retrograde	-11857 Sep 10 j 12:19	26°♋36'49	
evening set	-11857 Sep 26 j 03:00	21°♋36'02	
inferior conj	-11857 Oct 01 j 09:14	18°♋18'34	-4°08'11
minimum elong	-11857 Oct 01 j 16:58	18°♋06'09	4°05'28
min. Earth dist.	-11857 Sep 30 j 20:48	18°♋38'32	0.27700 AU
morning rise	-11857 Oct 07 j 07:42	14°♋40'02	
asc. node	-11857 Oct 19 j 06:54	10°♋25'41	
direct	-11857 Oct 22 j 00:05	10°♋16'27	
greatest brilliancy	-11857 Oct 31 j 04:38	11°♋53'32	-4.8m
	-11857 Nov 28 j 01:03	0°♌	
morning max el	-11857 Dec 10 j 03:58	11°♌07'43	46°03'24
	-11857 Dec 28 j 19:51	0°♍	
	-11856 Jan 25 j 08:56	0°♎	
desc. node	-11856 Feb 09 j 18:55	17°♎29'29	
	-11856 Feb 20 j 14:35	0°♏	
	-11856 Mar 16 j 23:26	0°♐	
	-11856 Apr 10 j 16:27	0°♑	
	-11856 May 04 j 21:45	0°♒	
	-11856 May 28 j 19:23	0°♓	
asc. node	-11856 May 30 j 19:04	2°♓30'23	
morning set	-11856 Jun 02 j 19:57	6°♓20'22	
	-11856 Jun 21 j 12:58	0°♈	
superior conj	-11856 Jul 12 j 10:40	26°♈27'44	1°17'21
minimum elong	-11856 Jul 12 j 03:03	26°♈03'38	1°17'30
	-11856 Jul 15 j 05:49	0°♉	
max. Earth dist.	-11856 Jul 16 j 03:05	1°♉07'13	1.70723 AU
	-11856 Aug 08 j 00:47	0°♊	
evening rise	-11856 Aug 23 j 22:45	19°♊57'01	
	-11856 Aug 31 j 23:57	0°♋	
desc. node	-11856 Sep 21 j 04:12	25°♋03'10	
	-11856 Sep 25 j 04:13	0°♌	
	-11856 Oct 19 j 13:39	0°♍	
	-11856 Nov 13 j 04:47	0°♎	
	-11856 Dec 08 j 04:40	0°♏	
	-11855 Jan 02 j 20:54	0°♐	
asc. node	-11855 Jan 10 j 11:26	8°♐38'34	
	-11855 Jan 29 j 21:35	0°♑	
evening max el	-11855 Feb 21 j 17:05	23°♑05'18	45°19'45
	-11855 Mar 01 j 06:22	0°♒	
greatest brilliancy	-11855 Apr 01 j 12:34	20°♒37'51	-4.8m
retrograde	-11855 Apr 11 j 08:14	22°♒19'50	
evening set	-11855 Apr 25 j 22:07	18°♒23'29	
inferior conj	-11855 May 02 j 06:53	14°♒48'25	0°27'10
minimum elong	-11855 May 02 j 07:54	14°♒46'55	0°26'21
min. Earth dist.	-11855 May 02 j 23:13	14°♒24'16	0.26963 AU
desc. node	-11855 May 04 j 03:49	13°♒42'07	
morning rise	-11855 May 08 j 16:45	11°♒10'06	
direct	-11855 May 23 j 07:04	7°♒07'25	
greatest brilliancy	-11855 Jun 03 j 20:07	9°♒33'13	-4.9m
	-11855 Jul 02 j 13:51	0°♓	
morning max el	-11855 Jul 12 j 19:36	9°♓59'38	46°41'08
	-11855 Jul 31 j 11:10	0°♈	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

asc. node	-11855 Aug 23 j 09:50	26°♈29'06	
	-11855 Aug 26 j 09:05	0°♉	
	-11855 Sep 20 j 08:17	0°♊	
	-11855 Oct 15 j 01:14	0°♋	
	-11855 Nov 08 j 18:37	0°♌	
	-11855 Dec 03 j 13:35	0°♍	
desc. node	-11855 Dec 14 j 17:40	13°♍31'09	
	-11855 Dec 28 j 08:03	0°♎	
morning set	-11854 Jan 16 j 13:00	23°♎22'20	
	-11854 Jan 21 j 23:16	0°♏	
	-11854 Feb 15 j 09:47	0°♐	
max. Earth dist.	-11854 Feb 16 j 18:05	1°♐39'31	1.73382 AU
superior conj	-11854 Feb 21 j 03:32	7°♐04'41	-1°15'37
minimum elong	-11854 Feb 21 j 08:26	7°♐19'50	1°16'09
	-11854 Mar 11 j 16:05	0°♑	
evening rise	-11854 Mar 28 j 03:46	20°♑28'12	
asc. node	-11854 Apr 04 j 19:00	29°♑57'49	
	-11854 Apr 04 j 19:43	0°♒	
	-11854 Apr 28 j 22:22	0°♓	
	-11854 May 23 j 01:34	0°♈	
	-11854 Jun 16 j 07:04	0°♉	
	-11854 Jul 10 j 17:44	0°♊	
desc. node	-11854 Jul 27 j 07:58	20°♊06'19	
	-11854 Aug 04 j 14:08	0°♋	
	-11854 Aug 30 j 05:11	0°♌	
	-11854 Sep 26 j 15:23	0°♍	
evening max el	-11854 Sep 29 j 17:33	3°♍08'51	46°18'44
	-11854 Oct 31 j 21:25	0°♎	
greatest brilliancy	-11854 Nov 07 j 10:19	3°♎13'19	-4.8m
asc. node	-11854 Nov 15 j 17:28	5°♎25'21	
retrograde	-11854 Nov 18 j 15:42	5°♎35'38	
evening set	-11854 Dec 04 j 04:41	0°♎46'29	
	-11854 Dec 05 j 12:08	30°℞♍	
inferior conj	-11854 Dec 09 j 23:28	27°♍10'18	5°07'07
minimum elong	-11854 Dec 09 j 15:05	27°♍23'52	5°05'20
min. Earth dist.	-11854 Dec 09 j 15:44	27°♍22'49	0.29263 AU
morning rise	-11854 Dec 15 j 01:45	23°♍58'02	
direct	-11854 Dec 31 j 14:32	18°♍40'42	
greatest brilliancy	-11853 Jan 09 j 19:11	20°♍12'20	-4.7m
	-11853 Jan 27 j 21:02	0°♎	
morning max el	-11853 Feb 18 j 09:00	18°♎10'49	46°03'18
	-11853 Mar 02 j 09:05	0°♏	
desc. node	-11853 Mar 09 j 07:28	7°♏10'46	
	-11853 Mar 30 j 05:11	0°♐	
	-11853 Apr 25 j 02:39	0°♑	
	-11853 May 19 j 22:46	0°♒	
	-11853 Jun 13 j 03:44	0°♓	
asc. node	-11853 Jun 28 j 09:03	19°♓06'31	
	-11853 Jul 07 j 00:23	0°♈	
	-11853 Jul 30 j 17:59	0°♉	
morning set	-11853 Aug 18 j 22:53	24°♉14'09	
	-11853 Aug 23 j 12:47	0°♊	
	-11853 Sep 16 j 11:32	0°♋	
superior conj	-11853 Sep 30 j 12:11	17°♋27'18	0°41'26
minimum elong	-11853 Sep 30 j 22:12	17°♋58'23	0°41'41
max. Earth dist.	-11853 Oct 06 j 20:37	25°♋19'46	1.72315 AU
	-11853 Oct 10 j 15:11	0°♌	
desc. node	-11853 Oct 19 j 16:41	11°♌11'56	
	-11853 Nov 03 j 22:57	0°♍	
evening rise	-11853 Nov 11 j 05:44	8°♍57'04	
	-11853 Nov 28 j 09:25	0°♎	
	-11853 Dec 22 j 22:08	0°♏	
	-11852 Jan 16 j 14:36	0°♐	
asc. node	-11852 Feb 07 j 21:59	26°♐48'27	
	-11852 Feb 10 j 14:16	0°♑	
	-11852 Mar 07 j 01:47	0°♒	
	-11852 Apr 02 j 08:23	0°♓	
	-11852 Apr 30 j 05:32	0°♈	
evening max el	-11852 May 06 j 08:46	6°♈09'39	47°07'41
desc. node	-11852 May 31 j 14:05	28°♈11'58	
	-11852 Jun 03 j 04:21	0°♉	
greatest brilliancy	-11852 Jun 16 j 13:33	6°♉57'55	-4.9m
retrograde	-11852 Jun 25 j 23:05	8°♉38'17	
evening set	-11852 Jul 13 j 04:04	2°♉58'59	
min. Earth dist.	-11852 Jul 15 j 22:49	1°♉19'15	0.26533 AU
inferior conj	-11852 Jul 16 j 17:12	0°♉51'19	-8°31'02
minimum elong	-11852 Jul 16 j 12:07	0°♉59'03	8°30'18
	-11852 Jul 18 j 03:04	30°℞♈	
morning rise	-11852 Jul 19 j 20:15	28°♈58'42	
direct	-11852 Aug 05 j 20:21	23°♈20'44	
greatest brilliancy	-11852 Aug 15 j 19:08	25°♈14'26	-4.9m
	-11852 Aug 25 j 07:48	0°♉	
asc. node	-11852 Sep 19 j 21:54	21°♉10'09	
morning max el	-11852 Sep 25 j 03:40	26°♉22'23	46°26'18
	-11852 Sep 28 j 16:48	0°♊	
	-11852 Oct 26 j 06:07	0°♋	
	-11852 Nov 21 j 10:12	0°♌	
	-11852 Dec 17 j 02:42	0°♍	
desc. node	-11851 Jan 11 j 07:37	29°♍47'03	
	-11851 Jan 11 j 11:58	0°♎	
	-11851 Feb 05 j 13:17	0°♏	
	-11851 Mar 02 j 05:42	0°♐	
morning set	-11851 Mar 24 j 00:54	26°♐51'22	
	-11851 Mar 26 j 13:46	0°♑	
	-11851 Apr 19 j 15:23	0°♒	
max. Earth dist.	-11851 Apr 24 j 20:05	6°♒30'27	1.71762 AU
superior conj	-11851 Apr 28 j 13:15	11°♒09'59	-0°08'46
minimum elong	-11851 Apr 28 j 15:06	11°♒15'48	0°09'13
behind sun begin	-11851 Apr 27 j 20:18	10°♒16'51	
behind sun end	-11851 Apr 29 j 09:54	12°♒14'46	
asc. node	-11851 May 02 j 07:46	15°♒54'05	
	-11851 May 13 j 13:00	0°♓	
evening rise	-11851 Jun 04 j 19:53	28°♓03'14	
	-11851 Jun 06 j 08:58	0°♈	
	-11851 Jun 30 j 05:32	0°♉	
	-11851 Jul 24 j 04:51	0°♊	
	-11851 Aug 17 j 09:03	0°♋	
desc. node	-11851 Aug 23 j 18:44	7°♋53'25	
	-11851 Sep 10 j 20:12	0°♌	
	-11851 Oct 05 j 17:33	0°♍	
	-11851 Oct 31 j 08:47	0°♎	
	-11851 Nov 27 j 15:50	0°♏	
evening max el	-11851 Dec 09 j 07:51	11°♏43'50	44°55'40
asc. node	-11851 Dec 13 j 03:42	15°♏21'39	
	-11851 Dec 30 j 15:18	0°♐	
greatest brilliancy	-11850 Jan 15 j 14:57	8°♐56'43	-4.7m
retrograde	-11850 Jan 26 j 09:20	11°♐00'05	
evening set	-11850 Feb 12 j 21:21	5°♐17'40	
inferior conj	-11850 Feb 16 j 18:17	2°♐56'15	7°55'14
minimum elong	-11850 Feb 16 j 22:15	2°♐50'06	7°54'25
min. Earth dist.	-11850 Feb 17 j 19:18	2°♐17'30	0.29193 AU
morning rise	-11850 Feb 20 j 22:52	0°♐22'45	
	-11850 Feb 21 j 14:26	30°℞♏	
direct	-11850 Mar 10 j 18:56	24°♏30'28	
greatest brilliancy	-11850 Mar 21 j 18:51	26°♏40'06	-4.7m
	-11850 Mar 28 j 21:33	0°♐	
desc. node	-11850 Apr 05 j 19:07	5°♐00'59	
morning max el	-11850 Apr 29 j 14:17	25°♐33'57	46°25'12
	-11850 May 04 j 00:59	0°♑	
	-11850 May 31 j 15:57	0°♒	
	-11850 Jun 26 j 03:19	0°♓	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11850 Jul 20 j 15:49	0°♈		
asc. node	-11850 Jul 25 j 22:50	6°♈33'39		
	-11850 Aug 13 j 18:14	0°♉		
	-11850 Sep 06 j 18:18	0°♊		
	-11850 Sep 30 j 20:49	0°♋		
	-11850 Oct 25 j 03:46	0°♌		
morning set	-11850 Nov 04 j 04:17	12°♌18'51		
desc. node	-11850 Nov 16 j 06:01	27°♌07'09		
	-11850 Nov 18 j 14:26	0°♍		
max. Earth dist.	-11850 Dec 13 j 04:16	0°♎05'25	1.73752 AU	
	-11850 Dec 13 j 02:29	0°♎		
superior conj	-11850 Dec 13 j 21:04	0°♎56'54	-0°56'07	
minimum elong	-11850 Dec 13 j 12:14	0°♎29'49	0°55'47	
	-11849 Jan 06 j 13:48	0°♏		
evening rise	-11849 Jan 19 j 07:24	15°♏38'17		
greatest brilliancy	-11849 Jan 29 j 02:09	27°♏39'26	-3.9m	
	-11849 Jan 30 j 23:55	0°♐		
	-11849 Feb 24 j 10:05	0°♑		
asc. node	-11849 Mar 07 j 09:08	13°♑26'01		
	-11849 Mar 20 j 22:14	0°♒		
	-11849 Apr 14 j 14:04	0°♓		
	-11849 May 09 j 11:34	0°♈		
	-11849 Jun 03 j 19:10	0°♉		
desc. node	-11849 Jun 29 j 00:06	28°♉50'44		
	-11849 Jun 30 j 01:04	0°♊		
evening max el	-11849 Jul 18 j 21:12	20°♊08'21	47°50'52	
	-11849 Jul 28 j 21:55	0°♋		
greatest brilliancy	-11849 Aug 29 j 05:19	22°♋21'12	-4.9m	
retrograde	-11849 Sep 08 j 04:03	24°♋16'07		
evening set	-11849 Sep 23 j 20:55	19°♋12'34		
min. Earth dist.	-11849 Sep 28 j 12:01	16°♋18'55	0.27648 AU	
inferior conj	-11849 Sep 29 j 00:36	15°♋58'41	-4°26'55	
minimum elong	-11849 Sep 29 j 08:45	15°♋45'35	4°24'07	
morning rise	-11849 Oct 04 j 21:23	12°♋22'38		
asc. node	-11849 Oct 18 j 09:06	7°♋59'58		
direct	-11849 Oct 19 j 15:08	7°♋58'02		
greatest brilliancy	-11849 Oct 28 j 19:22	9°♋34'54	-4.8m	
	-11849 Nov 28 j 05:58	0°♌		
morning max el	-11849 Dec 07 j 19:06	8°♌53'03	46°03'43	
	-11849 Dec 28 j 13:34	0°♍		
	-11848 Jan 24 j 23:21	0°♎		
desc. node	-11848 Feb 08 j 20:58	16°♎56'58		
	-11848 Feb 20 j 03:27	0°♏		
	-11848 Mar 16 j 11:29	0°♐		
	-11848 Apr 10 j 04:03	0°♑		
	-11848 May 04 j 09:10	0°♒		
	-11848 May 28 j 06:44	0°♓		
asc. node	-11848 May 29 j 21:20	2°♓01'44		
morning set	-11848 May 31 j 10:27	3°♓58'51		
	-11848 Jun 21 j 00:20	0°♈		
superior conj	-11848 Jul 09 j 21:24	23°♈53'51	1°15'53	
minimum elong	-11848 Jul 09 j 13:09	23°♈27'46	1°15'58	
max. Earth dist.	-11848 Jul 13 j 00:57	27°♈52'41	1.70710 AU	
	-11848 Jul 14 j 17:14	0°♉		
	-11848 Aug 07 j 12:15	0°♊		
evening rise	-11848 Aug 21 j 05:42	17°♊12'41		
	-11848 Aug 31 j 11:28	0°♋		
desc. node	-11848 Sep 20 j 06:20	24°♋34'00		
	-11848 Sep 24 j 15:49	0°♌		
	-11848 Oct 19 j 01:22	0°♍		
	-11848 Nov 12 j 16:49	0°♎		
	-11848 Dec 07 j 17:24	0°♏		
	-11847 Jan 02 j 11:07	0°♐		
asc. node	-11847 Jan 09 j 13:45	8°♐03'14		
	-11847 Jan 29 j 15:14	0°♑		
evening max el	-11847 Feb 19 j 05:48	20°♑44'44	45°16'58	
	-11847 Mar 01 j 11:48	0°♒		
greatest brilliancy	-11847 Mar 30 j 01:16	18°♒15'56	-4.8m	
retrograde	-11847 Apr 08 j 19:58	19°♒57'30		
evening set	-11847 Apr 23 j 11:44	15°♒59'16		
inferior conj	-11847 Apr 29 j 19:34	12°♒25'39	0°49'40	
minimum elong	-11847 Apr 29 j 21:26	12°♒22'54	0°48'36	
min. Earth dist.	-11847 Apr 30 j 13:51	11°♒58'36	0.27027 AU	
desc. node	-11847 May 03 j 06:05	10°♒24'47		
morning rise	-11847 May 06 j 06:02	8°♒46'11		
direct	-11847 May 20 j 20:07	4°♒42'59		
greatest brilliancy	-11847 Jun 01 j 11:32	7°♒10'31	-4.9m	
	-11847 Jul 02 j 17:32	0°♓		
morning max el	-11847 Jul 10 j 08:09	7°♓30'20	46°41'08	
	-11847 Jul 31 j 05:08	0°♈		
asc. node	-11847 Aug 22 j 11:57	25°♈50'25		
	-11847 Aug 26 j 00:00	0°♉		
	-11847 Sep 19 j 21:46	0°♊		
	-11847 Oct 14 j 13:52	0°♋		
	-11847 Nov 08 j 06:41	0°♌		
	-11847 Dec 03 j 01:13	0°♍		
desc. node	-11847 Dec 13 j 19:56	13°♍03'13		
	-11847 Dec 27 j 19:22	0°♎		
morning set	-11846 Jan 14 j 06:59	21°♎16'39		
	-11846 Jan 21 j 10:24	0°♏		
max. Earth dist.	-11846 Feb 14 j 14:39	29°♏40'50	1.73426 AU	
	-11846 Feb 14 j 20:53	0°♐		
superior conj	-11846 Feb 18 j 23:32	5°♐04'09	-1°16'34	
minimum elong	-11846 Feb 19 j 04:01	5°♐17'57	1°17'06	
	-11846 Mar 11 j 03:14	0°♑		
evening rise	-11846 Mar 25 j 23:13	18°♑24'37		
asc. node	-11846 Apr 03 j 21:09	29°♑29'18		
	-11846 Apr 04 j 07:01	0°♒		
	-11846 Apr 28 j 09:56	0°♓		
	-11846 May 22 j 13:28	0°♈		
	-11846 Jun 15 j 19:27	0°♉		
	-11846 Jul 10 j 06:44	0°♊		
desc. node	-11846 Jul 26 j 10:08	19°♊32'00		
	-11846 Aug 04 j 04:07	0°♋		
	-11846 Aug 29 j 21:03	0°♌		
	-11846 Sep 26 j 12:20	0°♍		
evening max el	-11846 Sep 27 j 08:38	0°♍51'23	46°22'41	
	-11846 Nov 02 j 17:24	0°♎		
greatest brilliancy	-11846 Nov 05 j 04:18	1°♎04'35	-4.8m	
asc. node	-11846 Nov 14 j 19:52	3°♎24'24		
retrograde	-11846 Nov 16 j 09:34	3°♎27'25		
	-11846 Nov 29 j 09:50	30°℞♍		
evening set	-11846 Dec 01 j 20:31	28°♍40'08		
inferior conj	-11846 Dec 07 j 16:59	25°♍01'41	4°52'45	
minimum elong	-11846 Dec 07 j 08:46	25°♍14'57	4°50'59	
min. Earth dist.	-11846 Dec 07 j 08:36	25°♍15'14	0.29222 AU	
morning rise	-11846 Dec 12 j 21:18	21°♍46'33		
direct	-11846 Dec 29 j 06:54	16°♍32'29		
greatest brilliancy	-11845 Jan 07 j 11:33	18°♍04'20	-4.7m	
	-11845 Jan 28 j 10:46	0°♎		
morning max el	-11845 Feb 16 j 01:36	16°♎02'53	46°02'53	
	-11845 Mar 02 j 03:49	0°♏		
desc. node	-11845 Mar 08 j 09:38	6°♏30'38		
	-11845 Mar 29 j 19:56	0°♐		
	-11845 Apr 24 j 15:49	0°♑		
	-11845 May 19 j 11:08	0°♒		
	-11845 Jun 12 j 15:41	0°♓		
asc. node	-11845 Jun 27 j 11:16	18°♓36'20		
	-11845 Jul 06 j 12:05	0°♈		
	-11845 Jul 30 j 05:35	0°♉		
morning set	-11845 Aug 16 j 07:55	21°♉35'04		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11845 Aug 23 j 00:18	0°♊	
	-11845 Sep 15 j 23:00	0°♋	
superior conj	-11845 Sep 27 j 21:09	14°♋50'42	0°44'46
minimum elong	-11845 Sep 28 j 07:45	15°♋23'34	0°45'00
max. Earth dist.	-11845 Oct 04 j 07:15	22°♋48'42	1.72246 AU
	-11845 Oct 10 j 02:35	0°♌	
desc. node	-11845 Oct 18 j 18:53	10°♌43'33	
	-11845 Nov 03 j 10:18	0°♍	
evening rise	-11845 Nov 08 j 19:10	6°♍36'01	
	-11845 Nov 27 j 20:47	0°♎	
	-11845 Dec 22 j 09:39	0°♏	
	-11844 Jan 16 j 02:30	0°♐	
asc. node	-11844 Feb 07 j 00:12	26°♐17'45	
	-11844 Feb 10 j 02:54	0°♑	
	-11844 Mar 06 j 15:46	0°♒	
	-11844 Apr 02 j 00:54	0°♓	
	-11844 Apr 30 j 04:04	0°♈	
evening max el	-11844 May 03 j 22:20	3°♈44'42	47°04'04
desc. node	-11844 May 30 j 16:28	26°♈48'24	
	-11844 Jun 04 j 16:19	0°♉	
greatest brilliancy	-11844 Jun 14 j 00:18	4°♉24'32	-4.9m
retrograde	-11844 Jun 23 j 11:41	6°♉06'08	
evening set	-11844 Jul 10 j 12:22	0°♉32'37	
	-11844 Jul 11 j 10:37	30°℞♈	
min. Earth dist.	-11844 Jul 13 j 10:25	28°♈48'21	0.26509 AU
inferior conj	-11844 Jul 14 j 05:07	28°♈20'03	-8°24'13
minimum elong	-11844 Jul 13 j 23:14	28°♈28'58	8°23'24
morning rise	-11844 Jul 17 j 10:13	26°♈24'57	
direct	-11844 Aug 03 j 08:55	20°♈50'13	
greatest brilliancy	-11844 Aug 13 j 07:42	22°♈44'21	-4.9m
	-11844 Aug 26 j 15:05	0°♉	
asc. node	-11844 Sep 19 j 00:10	20°♉13'42	
morning max el	-11844 Sep 22 j 17:34	23°♉57'11	46°27'06
	-11844 Sep 28 j 14:25	0°♊	
	-11844 Oct 25 j 22:19	0°♋	
	-11844 Nov 21 j 00:09	0°♌	
	-11844 Dec 16 j 15:27	0°♍	
desc. node	-11843 Jan 10 j 09:37	29°♍17'17	
	-11843 Jan 10 j 23:58	0°♎	
	-11843 Feb 05 j 00:48	0°♏	
	-11843 Mar 01 j 16:56	0°♐	
morning set	-11843 Mar 21 j 20:26	24°♐48'54	
	-11843 Mar 26 j 00:51	0°♑	
	-11843 Apr 19 j 02:29	0°♒	
max. Earth dist.	-11843 Apr 22 j 10:44	4°♒11'09	1.71824 AU
superior conj	-11843 Apr 26 j 06:55	8°♒59'57	-0°11'54
minimum elong	-11843 Apr 26 j 09:23	9°♒07'38	0°12'20
behind sun begin	-11843 Apr 25 j 18:45	8°♒21'48	
behind sun end	-11843 Apr 26 j 24:00	9°♒53'29	
asc. node	-11843 May 01 j 10:06	15°♒26'16	
	-11843 May 13 j 00:14	0°♓	
evening rise	-11843 Jun 02 j 10:18	25°♓41'40	
	-11843 Jun 05 j 20:23	0°♈	
	-11843 Jun 29 j 17:08	0°♉	
	-11843 Jul 23 j 16:39	0°♊	
	-11843 Aug 16 j 21:05	0°♋	
desc. node	-11843 Aug 22 j 20:54	7°♋22'48	
	-11843 Sep 10 j 08:39	0°♌	
	-11843 Oct 05 j 06:44	0°♍	
	-11843 Oct 30 j 23:33	0°♎	
	-11843 Nov 27 j 10:44	0°♏	
evening max el	-11843 Dec 07 j 00:07	9°♏33'32	44°56'59
asc. node	-11843 Dec 12 j 06:02	14°♏30'44	
	-11843 Dec 31 j 09:38	0°♐	
greatest brilliancy	-11842 Jan 13 j 06:44	6°♐48'42	-4.7m
retrograde	-11842 Jan 24 j 01:24	8°♐52'22	
evening set	-11842 Feb 10 j 14:32	3°♐08'29	
inferior conj	-11842 Feb 14 j 10:44	0°♐47'39	7°58'56
minimum elong	-11842 Feb 14 j 14:04	0°♐42'28	7°58'11
min. Earth dist.	-11842 Feb 15 j 10:35	0°♐10'34	0.29240 AU
	-11842 Feb 15 j 17:24	30°℞♏	
morning rise	-11842 Feb 18 j 13:20	28°♏16'34	
direct	-11842 Mar 08 j 11:56	22°♏21'12	
greatest brilliancy	-11842 Mar 19 j 09:09	24°♏28'06	-4.7m
	-11842 Mar 30 j 05:41	0°♐	
desc. node	-11842 Apr 04 j 21:20	3°♐51'20	
morning max el	-11842 Apr 27 j 05:33	23°♐18'54	46°24'15
	-11842 May 03 j 21:27	0°♑	
	-11842 May 31 j 07:28	0°♒	
	-11842 Jun 25 j 16:58	0°♓	
	-11842 Jul 20 j 04:34	0°♈	
asc. node	-11842 Jul 25 j 00:55	6°♈00'57	
	-11842 Aug 13 j 06:27	0°♉	
	-11842 Sep 06 j 06:10	0°♊	
	-11842 Sep 30 j 08:25	0°♋	
	-11842 Oct 24 j 15:08	0°♌	
morning set	-11842 Nov 01 j 16:44	9°♌55'04	
desc. node	-11842 Nov 15 j 08:15	26°♌39'39	
	-11842 Nov 18 j 01:38	0°♍	
max. Earth dist.	-11842 Dec 11 j 02:55	28°♍13'54	1.73730 AU
superior conj	-11842 Dec 11 j 13:10	28°♍45'19	-0°53'46
minimum elong	-11842 Dec 11 j 04:20	28°♍18'16	0°53'26
	-11842 Dec 12 j 13:34	0°♎	
	-11841 Jan 06 j 00:50	0°♏	
evening rise	-11841 Jan 17 j 02:38	13°♏35'57	
greatest brilliancy	-11841 Jan 28 j 05:24	27°♏15'20	-3.9m
	-11841 Jan 30 j 11:01	0°♐	
	-11841 Feb 23 j 21:25	0°♑	
asc. node	-11841 Mar 06 j 11:24	12°♑57'46	
	-11841 Mar 20 j 10:00	0°♒	
	-11841 Apr 14 j 02:30	0°♓	
	-11841 May 09 j 00:57	0°♈	
	-11841 Jun 03 j 10:07	0°♉	
desc. node	-11841 Jun 28 j 02:12	28°♉07'06	
	-11841 Jun 29 j 19:08	0°♊	
evening max el	-11841 Jul 16 j 12:31	17°♊47'25	47°51'45
	-11841 Jul 29 j 01:54	0°♋	
greatest brilliancy	-11841 Aug 26 j 22:18	20°♋01'21	-4.9m
retrograde	-11841 Sep 05 j 19:01	21°♋54'17	
evening set	-11841 Sep 21 j 14:39	16°♋47'53	
min. Earth dist.	-11841 Sep 26 j 03:19	13°♋57'51	0.27595 AU
inferior conj	-11841 Sep 26 j 15:42	13°♋37'55	-4°45'22
minimum elong	-11841 Sep 27 j 00:14	13°♋24'12	4°42'31
morning rise	-11841 Oct 02 j 10:34	10°♋04'29	
direct	-11841 Oct 17 j 05:26	5°♋38'38	
asc. node	-11841 Oct 17 j 11:27	5°♋38'42	
greatest brilliancy	-11841 Oct 26 j 10:21	7°♋15'52	-4.8m
	-11841 Nov 28 j 09:08	0°♌	
morning max el	-11841 Dec 05 j 09:08	6°♌35'34	46°04'11
	-11841 Dec 28 j 06:48	0°♍	
	-11840 Jan 24 j 13:27	0°♎	
desc. node	-11840 Feb 07 j 23:07	16°♎25'19	
	-11840 Feb 19 j 16:04	0°♏	
	-11840 Mar 15 j 23:19	0°♐	
	-11840 Apr 09 j 15:28	0°♑	
	-11840 May 03 j 20:22	0°♒	
	-11840 May 27 j 17:52	0°♓	
asc. node	-11840 May 28 j 23:34	1°♓33'40	
morning set	-11840 May 29 j 01:28	1°♓39'40	
	-11840 Jun 20 j 11:29	0°♈	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

superior conj	-11840 Jul 07 j 08:33	21°♈21'58	1°14'16	
minimum elong	-11840 Jul 06 j 23:45	20°♈54'07	1°14'17	
max. Earth dist.	-11840 Jul 09 j 23:46	24°♈41'54	1.70707 AU	
	-11840 Jul 14 j 04:26	0°♉		
	-11840 Aug 06 j 23:31	0°♊		
evening rise	-11840 Aug 18 j 12:45	14°♊29'11		
	-11840 Aug 30 j 22:50	0°♋		
desc. node	-11840 Sep 19 j 08:36	24°♋05'41		
	-11840 Sep 24 j 03:15	0°♌		
	-11840 Oct 18 j 12:57	0°♍		
	-11840 Nov 12 j 04:43	0°♎		
	-11840 Dec 07 j 06:00	0°♏		
	-11839 Jan 02 j 01:15	0°♐		
asc. node	-11839 Jan 08 j 15:55	7°♐27'56		
	-11839 Jan 29 j 09:01	0°♑		
evening max el	-11839 Feb 16 j 18:28	18°♑24'57	45°14'22	
	-11839 Mar 01 j 19:04	0°♒		
greatest brilliancy	-11839 Mar 27 j 13:33	15°♒54'37	-4.8m	
retrograde	-11839 Apr 06 j 08:19	17°♒36'29		
evening set	-11839 Apr 21 j 01:36	13°♒35'50		
inferior conj	-11839 Apr 27 j 08:16	10°♒03'56	1°12'03	
minimum elong	-11839 Apr 27 j 10:58	9°♒59'57	1°10'42	
min. Earth dist.	-11839 Apr 28 j 04:20	9°♒34'17	0.27094 AU	
desc. node	-11839 May 02 j 08:24	7°♒10'20		
morning rise	-11839 May 03 j 19:11	6°♒23'50		
direct	-11839 May 18 j 09:24	2°♒19'31		
greatest brilliancy	-11839 May 30 j 02:52	4°♒48'56	-4.9m	
	-11839 Jul 02 j 19:18	0°♓		
morning max el	-11839 Jul 07 j 21:43	5°♓04'48	46°41'17	
	-11839 Jul 30 j 22:20	0°♈		
asc. node	-11839 Aug 21 j 14:14	25°♈13'36		
	-11839 Aug 25 j 14:25	0°♉		
	-11839 Sep 19 j 10:50	0°♊		
	-11839 Oct 14 j 02:11	0°♋		
	-11839 Nov 07 j 18:28	0°♌		
	-11839 Dec 02 j 12:35	0°♍		
desc. node	-11839 Dec 12 j 21:58	12°♍35'22		
	-11839 Dec 27 j 06:26	0°♎		
morning set	-11838 Jan 12 j 00:38	19°♎10'43		
	-11838 Jan 20 j 21:16	0°♏		
max. Earth dist.	-11838 Feb 12 j 13:04	27°♏48'46	1.73467 AU	
	-11838 Feb 14 j 07:40	0°♐		
superior conj	-11838 Feb 16 j 19:22	3°♐04'00	-1°17'24	
minimum elong	-11838 Feb 16 j 23:22	3°♐16'23	1°17'56	
	-11838 Mar 10 j 14:05	0°♑		
evening rise	-11838 Mar 23 j 18:43	16°♑22'12		
asc. node	-11838 Apr 02 j 23:28	29°♑02'15		
	-11838 Apr 03 j 18:04	0°♒		
	-11838 Apr 27 j 21:15	0°♓		
	-11838 May 22 j 01:08	0°♈		
	-11838 Jun 15 j 07:34	0°♉		
	-11838 Jul 09 j 19:28	0°♊		
desc. node	-11838 Jul 25 j 12:23	18°♊58'59		
	-11838 Aug 03 j 17:49	0°♋		
	-11838 Aug 29 j 12:43	0°♌		
evening max el	-11838 Sep 25 j 00:33	28°♌37'08	46°26'32	
	-11838 Sep 26 j 09:32	0°♍		
greatest brilliancy	-11838 Nov 02 j 21:59	28°♍56'15	-4.8m	
	-11838 Nov 05 j 21:18	0°♎		
asc. node	-11838 Nov 13 j 22:10	1°♎19'40		
retrograde	-11838 Nov 14 j 03:52	1°♎19'45		
	-11838 Nov 22 j 03:03	30°℞♍		
evening set	-11838 Nov 29 j 12:28	26°♍34'17		
inferior conj	-11838 Dec 05 j 10:27	22°♍53'35	4°37'50	
minimum elong	-11838 Dec 05 j 02:27	23°♍06'29	4°36'06	
min. Earth dist.	-11838 Dec 05 j 01:13	23°♍08'29	0.29181 AU	
morning rise	-11838 Dec 10 j 16:49	19°♍35'41		
direct	-11838 Dec 26 j 23:38	14°♍24'54		
greatest brilliancy	-11837 Jan 05 j 03:29	15°♍56'31	-4.7m	
	-11837 Jan 28 j 20:43	0°♎		
morning max el	-11837 Feb 13 j 18:55	13°♎57'35	46°02'27	
	-11837 Mar 01 j 21:47	0°♏		
desc. node	-11837 Mar 07 j 11:55	5°♏52'06		
	-11837 Mar 29 j 10:12	0°♐		
	-11837 Apr 24 j 04:33	0°♑		
	-11837 May 18 j 23:07	0°♒		
	-11837 Jun 12 j 03:16	0°♓		
asc. node	-11837 Jun 26 j 13:18	18°♓06'38		
	-11837 Jul 05 j 23:28	0°♈		
	-11837 Jul 29 j 16:51	0°♉		
morning set	-11837 Aug 13 j 17:22	18°♉58'15		
	-11837 Aug 22 j 11:29	0°♊		
	-11837 Sep 15 j 10:05	0°♋		
superior conj	-11837 Sep 25 j 06:22	12°♋15'47	0°47'59	
minimum elong	-11837 Sep 25 j 17:26	12°♋50'10	0°48'14	
max. Earth dist.	-11837 Oct 01 j 19:53	20°♋24'52	1.72176 AU	
	-11837 Oct 09 j 13:36	0°♌		
desc. node	-11837 Oct 17 j 21:07	10°♌16'26		
	-11837 Nov 02 j 21:17	0°♍		
evening rise	-11837 Nov 06 j 08:39	4°♍16'15		
	-11837 Nov 27 j 07:50	0°♎		
	-11837 Dec 21 j 20:52	0°♏		
	-11836 Jan 15 j 14:07	0°♐		
asc. node	-11836 Feb 06 j 02:31	25°♐48'12		
	-11836 Feb 09 j 15:17	0°♑		
	-11836 Mar 06 j 05:32	0°♒		
	-11836 Apr 01 j 17:22	0°♓		
	-11836 Apr 30 j 03:07	0°♈		
evening max el	-11836 May 01 j 12:25	1°♈22'08	47°00'20	
desc. node	-11836 May 29 j 18:36	25°♈22'22		
	-11836 Jun 06 j 21:31	0°♉		
greatest brilliancy	-11836 Jun 11 j 10:56	1°♉52'00	-4.9m	
retrograde	-11836 Jun 21 j 00:10	3°♉34'29		
	-11836 Jul 04 j 09:40	30°℞♈		
evening set	-11836 Jul 07 j 20:21	28°♈07'21		
min. Earth dist.	-11836 Jul 10 j 22:00	26°♈17'59	0.26485 AU	
inferior conj	-11836 Jul 11 j 16:54	25°♈49'25	-8°16'21	
minimum elong	-11836 Jul 11 j 10:15	25°♈59'28	8°15'24	
morning rise	-11836 Jul 15 j 00:19	23°♈51'14		
direct	-11836 Jul 31 j 21:34	18°♈20'26		
greatest brilliancy	-11836 Aug 10 j 19:57	20°♈14'23	-4.9m	
	-11836 Aug 27 j 13:21	0°♉		
asc. node	-11836 Sep 18 j 02:25	19°♉19'14		
morning max el	-11836 Sep 20 j 07:05	21°♉31'46	46°28'02	
	-11836 Sep 28 j 10:59	0°♊		
	-11836 Oct 25 j 13:54	0°♋		
	-11836 Nov 20 j 13:38	0°♌		
	-11836 Dec 16 j 03:47	0°♍		
desc. node	-11835 Jan 09 j 11:45	28°♍48'57		
	-11835 Jan 10 j 11:37	0°♎		
	-11835 Feb 04 j 12:01	0°♏		
	-11835 Mar 01 j 03:54	0°♐		
morning set	-11835 Mar 19 j 15:53	22°♐47'00		
	-11835 Mar 25 j 11:42	0°♑		
	-11835 Apr 18 j 13:20	0°♒		
max. Earth dist.	-11835 Apr 20 j 00:13	1°♒49'05	1.71886 AU	
superior conj	-11835 Apr 24 j 00:39	6°♒51'02	-0°15'00	
minimum elong	-11835 Apr 24 j 03:41	7°♒00'30	0°15'24	
behind sun begin	-11835 Apr 23 j 21:29	6°♒41'04		
behind sun end	-11835 Apr 24 j 09:53	7°♒19'57		
asc. node	-11835 Apr 30 j 12:16	14°♒58'51		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11835 May 12 j 11:12	0°♓	
evening rise	-11835 May 31 j 00:53	23°♓21'31	
	-11835 Jun 05 j 07:33	0°♈	
	-11835 Jun 29 j 04:30	0°♉	
	-11835 Jul 23 j 04:15	0°♊	
	-11835 Aug 16 j 08:58	0°♋	
desc. node	-11835 Aug 21 j 23:13	6°♋53'11	
	-11835 Sep 09 j 20:56	0°♌	
	-11835 Oct 04 j 19:45	0°♍	
	-11835 Oct 30 j 14:09	0°♎	
	-11835 Nov 27 j 05:45	0°♏	
evening max el	-11835 Dec 04 j 15:42	7°♏22'28	44°58'24
asc. node	-11835 Dec 11 j 08:11	13°♏39'26	
	-11834 Jan 01 j 09:54	0°♐	
greatest brilliancy	-11834 Jan 10 j 22:54	4°♐42'13	-4.7m
retrograde	-11834 Jan 21 j 17:21	6°♐46'05	
evening set	-11834 Feb 08 j 07:40	1°♐00'57	
	-11834 Feb 10 j 00:05	30°℞♏	
inferior conj	-11834 Feb 12 j 03:26	28°♏40'24	8°01'51
minimum elong	-11834 Feb 12 j 06:06	28°♏36'15	8°01'11
min. Earth dist.	-11834 Feb 13 j 02:23	28°♏04'35	0.29287 AU
morning rise	-11834 Feb 16 j 04:15	26°♏11'26	
direct	-11834 Mar 06 j 04:38	20°♏13'07	
greatest brilliancy	-11834 Mar 17 j 00:14	22°♏17'56	-4.7m
	-11834 Mar 31 j 04:29	0°♐	
desc. node	-11834 Apr 03 j 23:35	2°♐44'17	
morning max el	-11834 Apr 24 j 20:29	21°♐03'37	46°23'19
	-11834 May 03 j 17:08	0°♑	
	-11834 May 30 j 22:36	0°♒	
	-11834 Jun 25 j 06:20	0°♓	
	-11834 Jul 19 j 17:04	0°♈	
asc. node	-11834 Jul 24 j 03:11	5°♈29'30	
	-11834 Aug 12 j 18:27	0°♉	
	-11834 Sep 05 j 17:51	0°♊	
	-11834 Sep 29 j 19:51	0°♋	
	-11834 Oct 24 j 02:23	0°♌	
morning set	-11834 Oct 30 j 05:06	7°♌31'17	
desc. node	-11834 Nov 14 j 10:17	26°♌11'56	
	-11834 Nov 17 j 12:41	0°♍	
superior conj	-11834 Dec 09 j 05:19	26°♍34'21	-0°51'22
minimum elong	-11834 Dec 08 j 20:32	26°♍07'28	0°50'59
max. Earth dist.	-11834 Dec 09 j 00:17	26°♍18'57	1.73702 AU
	-11834 Dec 12 j 00:28	0°♎	
	-11833 Jan 05 j 11:41	0°♏	
evening rise	-11833 Jan 14 j 21:58	11°♏34'30	
greatest brilliancy	-11833 Jan 27 j 07:43	26°♏48'51	-3.9m
	-11833 Jan 29 j 21:58	0°♐	
	-11833 Feb 23 j 08:39	0°♑	
asc. node	-11833 Mar 05 j 13:42	12°♑29'56	
	-11833 Mar 19 j 21:43	0°♒	
	-11833 Apr 13 j 14:55	0°♓	
	-11833 May 08 j 14:24	0°♈	
	-11833 Jun 03 j 01:13	0°♉	
desc. node	-11833 Jun 27 j 04:29	27°♉23'33	
	-11833 Jun 29 j 13:36	0°♊	
evening max el	-11833 Jul 14 j 02:46	15°♊23'50	47°52'34
	-11833 Jul 29 j 07:41	0°♋	
greatest brilliancy	-11833 Aug 24 j 15:24	17°♋41'20	-4.9m
retrograde	-11833 Sep 03 j 09:37	19°♋32'16	
evening set	-11833 Sep 19 j 08:19	14°♋22'35	
inferior conj	-11833 Sep 24 j 06:43	11°♋16'51	-5°03'24
minimum elong	-11833 Sep 24 j 15:34	11°♋02'38	5°00'32
min. Earth dist.	-11833 Sep 23 j 18:41	11°♋36'11	0.27546 AU
morning rise	-11833 Sep 29 j 23:27	7°♋46'21	
direct	-11833 Oct 14 j 19:16	3°♋18'38	
asc. node	-11833 Oct 16 j 13:43	3°♋22'25	
greatest brilliancy	-11833 Oct 24 j 01:39	4°♋56'52	-4.8m
	-11833 Nov 28 j 10:53	0°♌	
morning max el	-11833 Dec 02 j 23:15	4°♌18'01	46°04'52
	-11833 Dec 27 j 23:41	0°♍	
	-11832 Jan 24 j 03:22	0°♎	
desc. node	-11832 Feb 07 j 01:22	15°♎54'13	
	-11832 Feb 19 j 04:34	0°♏	
	-11832 Mar 15 j 11:04	0°♐	
	-11832 Apr 09 j 02:51	0°♑	
	-11832 May 03 j 07:36	0°♒	
morning set	-11832 May 26 j 16:35	29°♒20'39	
	-11832 May 27 j 05:04	0°♓	
asc. node	-11832 May 28 j 01:38	1°♓04'50	
	-11832 Jun 19 j 22:42	0°♈	
superior conj	-11832 Jul 04 j 19:40	18°♈49'39	1°12'29
minimum elong	-11832 Jul 04 j 10:24	18°♈20'21	1°12'27
max. Earth dist.	-11832 Jul 07 j 01:25	21°♈39'41	1.70706 AU
	-11832 Jul 13 j 15:42	0°♉	
	-11832 Aug 06 j 10:52	0°♊	
evening rise	-11832 Aug 15 j 19:48	11°♊45'22	
	-11832 Aug 30 j 10:16	0°♋	
desc. node	-11832 Sep 18 j 10:47	23°♋36'52	
	-11832 Sep 23 j 14:47	0°♌	
	-11832 Oct 18 j 00:39	0°♍	
	-11832 Nov 11 j 16:45	0°♎	
	-11832 Dec 06 j 18:47	0°♏	
	-11831 Jan 01 j 15:37	0°♐	
asc. node	-11831 Jan 07 j 18:21	6°♐52'50	
	-11831 Jan 29 j 03:17	0°♑	
evening max el	-11831 Feb 14 j 08:03	16°♑07'36	45°12'01
	-11831 Mar 02 j 04:53	0°♒	
greatest brilliancy	-11831 Mar 25 j 01:15	13°♒33'19	-4.8m
retrograde	-11831 Apr 03 j 21:15	15°♒16'08	
evening set	-11831 Apr 18 j 15:50	11°♒12'49	
inferior conj	-11831 Apr 24 j 21:10	7°♒42'38	1°33'57
minimum elong	-11831 Apr 25 j 00:40	7°♒37'28	1°32'21
min. Earth dist.	-11831 Apr 25 j 18:33	7°♒11'02	0.27167 AU
morning rise	-11831 May 01 j 08:21	4°♒02'16	
desc. node	-11831 May 01 j 10:31	3°♒59'27	
	-11831 May 14 j 06:06	30°℞♑	
direct	-11831 May 15 j 23:29	29°♑56'28	
	-11831 May 17 j 17:11	0°♒	
greatest brilliancy	-11831 May 27 j 17:54	2°♒27'08	-4.9m
	-11831 Jul 02 j 20:02	0°♓	
morning max el	-11831 Jul 05 j 12:28	2°♓41'50	46°41'09
	-11831 Jul 30 j 15:29	0°♈	
asc. node	-11831 Aug 20 j 16:28	24°♈36'03	
	-11831 Aug 25 j 04:56	0°♉	
	-11831 Sep 19 j 00:05	0°♊	
	-11831 Oct 13 j 14:40	0°♋	
	-11831 Nov 07 j 06:26	0°♌	
	-11831 Dec 02 j 00:09	0°♍	
desc. node	-11831 Dec 12 j 00:04	12°♍07'01	
	-11831 Dec 26 j 17:42	0°♎	
morning set	-11830 Jan 09 j 18:08	17°♎03'40	
	-11830 Jan 20 j 08:21	0°♏	
max. Earth dist.	-11830 Feb 10 j 12:20	25°♏58'40	1.73501 AU
	-11830 Feb 13 j 18:41	0°♐	
superior conj	-11830 Feb 14 j 15:14	1°♐03'22	-1°18'08
minimum elong	-11830 Feb 14 j 18:47	1°♐14'18	1°18'41
	-11830 Mar 10 j 01:08	0°♑	
evening rise	-11830 Mar 21 j 14:27	14°♑20'01	
asc. node	-11830 Apr 02 j 01:41	28°♑34'20	
	-11830 Apr 03 j 05:16	0°♒	
	-11830 Apr 27 j 08:44	0°♓	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11830 May 21 j 13:02	0°♈	
	-11830 Jun 14 j 19:59	0°♉	
	-11830 Jul 09 j 08:34	0°♊	
desc. node	-11830 Jul 24 j 14:42	18°♊24'56	
	-11830 Aug 03 j 07:59	0°♋	
	-11830 Aug 29 j 05:01	0°♌	
evening max el	-11830 Sep 22 j 17:14	26°♌23'33	46°30'30
	-11830 Sep 26 j 08:00	0°♍	
greatest brilliancy	-11830 Oct 31 j 15:39	26°♍46'30	-4.8m
retrograde	-11830 Nov 11 j 22:02	29°♍10'15	
asc. node	-11830 Nov 13 j 00:20	29°♍08'46	
evening set	-11830 Nov 27 j 04:24	24°♍26'42	
min. Earth dist.	-11830 Dec 02 j 17:31	21°♍00'13	0.29135 AU
inferior conj	-11830 Dec 03 j 03:43	20°♍43'46	4°22'34
minimum elong	-11830 Dec 02 j 19:59	20°♍56'15	4°20'50
morning rise	-11830 Dec 08 j 12:04	17°♍23'08	
direct	-11830 Dec 24 j 16:33	12°♍15'47	
greatest brilliancy	-11829 Jan 02 j 18:47	13°♍46'37	-4.7m
	-11829 Jan 29 j 04:31	0°♎	
morning max el	-11829 Feb 11 j 12:13	11°♎51'19	46°02'04
	-11829 Mar 01 j 15:44	0°♏	
desc. node	-11829 Mar 06 j 14:00	5°♏12'30	
	-11829 Mar 29 j 00:38	0°♐	
	-11829 Apr 23 j 17:29	0°♑	
	-11829 May 18 j 11:18	0°♒	
	-11829 Jun 11 j 15:04	0°♓	
asc. node	-11829 Jun 25 j 15:36	17°♓37'02	
	-11829 Jul 05 j 11:06	0°♈	
	-11829 Jul 29 j 04:25	0°♉	
morning set	-11829 Aug 11 j 02:40	16°♉19'52	
	-11829 Aug 21 j 23:01	0°♊	
	-11829 Sep 14 j 21:34	0°♋	
superior conj	-11829 Sep 22 j 14:55	9°♋37'26	0°51'08
minimum elong	-11829 Sep 23 j 02:22	10°♋13'03	0°51'24
max. Earth dist.	-11829 Sep 29 j 09:08	18°♋01'33	1.72107 AU
	-11829 Oct 09 j 01:00	0°♌	
desc. node	-11829 Oct 16 j 23:10	9°♌47'37	
	-11829 Nov 02 j 08:40	0°♍	
evening rise	-11829 Nov 03 j 21:20	1°♍52'44	
	-11829 Nov 26 j 19:15	0°♎	
	-11829 Dec 21 j 08:28	0°♏	
	-11828 Jan 15 j 02:08	0°♐	
asc. node	-11828 Feb 05 j 04:49	25°♐17'22	
	-11828 Feb 09 j 04:07	0°♑	
	-11828 Mar 05 j 19:49	0°♒	
	-11828 Apr 01 j 10:28	0°♓	
evening max el	-11828 Apr 29 j 02:32	28°♓59'03	46°56'36
	-11828 Apr 30 j 03:29	0°♈	
desc. node	-11828 May 28 j 20:52	23°♈53'03	
greatest brilliancy	-11828 Jun 08 j 22:06	29°♈19'54	-4.9m
	-11828 Jun 11 j 02:16	0°♉	
retrograde	-11828 Jun 18 j 12:19	1°♉02'28	
	-11828 Jun 25 j 16:09	30°℞♈	
evening set	-11828 Jul 05 j 04:21	25°♈42'14	
min. Earth dist.	-11828 Jul 08 j 10:03	23°♈47'00	0.26463 AU
inferior conj	-11828 Jul 09 j 04:48	23°♈18'40	-8°07'35
minimum elong	-11828 Jul 08 j 21:27	23°♈29'47	8°06'28
morning rise	-11828 Jul 12 j 14:45	21°♈16'53	
direct	-11828 Jul 29 j 10:07	15°♈50'32	
greatest brilliancy	-11828 Aug 08 j 08:42	17°♈44'26	-4.9m
	-11828 Aug 28 j 06:11	0°♉	
asc. node	-11828 Sep 17 j 04:38	18°♉24'46	
morning max el	-11828 Sep 17 j 19:43	19°♉02'57	46°28'40
	-11828 Sep 28 j 07:17	0°♊	
	-11828 Oct 25 j 05:42	0°♋	
	-11828 Nov 20 j 03:28	0°♌	
	-11828 Dec 15 j 16:30	0°♍	
desc. node	-11827 Jan 08 j 14:01	28°♍19'48	
	-11827 Jan 09 j 23:38	0°♎	
	-11827 Feb 03 j 23:35	0°♏	
	-11827 Feb 28 j 15:11	0°♐	
morning set	-11827 Mar 17 j 11:11	20°♐43'37	
	-11827 Mar 24 j 22:54	0°♑	
max. Earth dist.	-11827 Apr 17 j 13:50	29°♑26'29	1.71947 AU
	-11827 Apr 18 j 00:33	0°♒	
superior conj	-11827 Apr 21 j 18:35	4°♒41'45	-0°18'02
minimum elong	-11827 Apr 21 j 22:10	4°♒52'57	0°18'27
asc. node	-11827 Apr 29 j 14:23	14°♒30'12	
	-11827 May 11 j 22:31	0°♓	
evening rise	-11827 May 28 j 15:56	21°♓01'58	
	-11827 Jun 04 j 19:00	0°♈	
	-11827 Jun 28 j 16:08	0°♉	
	-11827 Jul 22 j 16:05	0°♊	
	-11827 Aug 15 j 21:05	0°♋	
desc. node	-11827 Aug 21 j 01:24	6°♋22'22	
	-11827 Sep 09 j 09:31	0°♌	
	-11827 Oct 04 j 09:11	0°♍	
	-11827 Oct 30 j 05:20	0°♎	
	-11827 Nov 27 j 01:52	0°♏	
evening max el	-11827 Dec 02 j 06:30	5°♏08'03	44°59'58
asc. node	-11827 Dec 10 j 10:38	12°♏46'23	
	-11826 Jan 02 j 21:25	0°♐	
greatest brilliancy	-11826 Jan 08 j 14:49	2°♐33'53	-4.7m
retrograde	-11826 Jan 19 j 09:17	4°♐38'31	
	-11826 Feb 04 j 01:13	30°℞♏	
evening set	-11826 Feb 06 j 00:25	28°♏52'17	
inferior conj	-11826 Feb 09 j 20:03	26°♏31'47	8°04'04
minimum elong	-11826 Feb 09 j 22:01	26°♏28'43	8°03'28
min. Earth dist.	-11826 Feb 10 j 18:18	25°♏56'59	0.29332 AU
morning rise	-11826 Feb 13 j 19:19	24°♏04'45	
direct	-11826 Mar 03 j 20:49	18°♏03'32	
greatest brilliancy	-11826 Mar 14 j 15:50	20°♏07'12	-4.7m
	-11826 Mar 31 j 22:04	0°♐	
desc. node	-11826 Apr 03 j 01:44	1°♐37'36	
morning max el	-11826 Apr 22 j 11:21	18°♐47'14	46°22'28
	-11826 May 03 j 12:39	0°♑	
	-11826 May 30 j 13:53	0°♒	
	-11826 Jun 24 j 19:54	0°♓	
	-11826 Jul 19 j 05:45	0°♈	
asc. node	-11826 Jul 23 j 05:22	4°♈57'13	
	-11826 Aug 12 j 06:37	0°♉	
	-11826 Sep 05 j 05:40	0°♊	
	-11826 Sep 29 j 07:27	0°♋	
	-11826 Oct 23 j 13:48	0°♌	
morning set	-11826 Oct 27 j 17:21	5°♌06'23	
desc. node	-11826 Nov 13 j 12:27	25°♌43'57	
	-11826 Nov 16 j 23:58	0°♍	
superior conj	-11826 Dec 06 j 21:07	24°♍21'32	-0°48'52
minimum elong	-11826 Dec 06 j 12:27	23°♍55'00	0°48'26
max. Earth dist.	-11826 Dec 06 j 19:28	24°♍16'29	1.73677 AU
	-11826 Dec 11 j 11:38	0°♎	
	-11825 Jan 04 j 22:49	0°♏	
evening rise	-11825 Jan 12 j 16:53	9°♏30'58	
greatest brilliancy	-11825 Jan 26 j 08:11	26°♏15'51	-3.9m
	-11825 Jan 29 j 09:12	0°♐	
	-11825 Feb 22 j 20:10	0°♑	
asc. node	-11825 Mar 04 j 15:54	12°♑00'58	
	-11825 Mar 19 j 09:44	0°♒	
	-11825 Apr 13 j 03:40	0°♓	
	-11825 May 08 j 04:12	0°♈	
	-11825 Jun 02 j 16:45	0°♉	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

desc. node	-11825 Jun 26 j 06:52	26°♉39'02	
	-11825 Jun 29 j 08:43	0°♊	
evening max el	-11825 Jul 11 j 16:55	12°♊59'31	47°53'27
	-11825 Jul 29 j 15:50	0°♋	
greatest brilliancy	-11825 Aug 22 j 08:19	15°♋20'55	-4.9m
retrograde	-11825 Sep 01 j 00:32	17°♋10'25	
evening set	-11825 Sep 17 j 02:07	11°♋57'06	
inferior conj	-11825 Sep 21 j 21:48	8°♋55'52	-5°20'56
minimum elong	-11825 Sep 22 j 06:56	8°♋41'14	5°18'04
min. Earth dist.	-11825 Sep 21 j 10:01	9°♋14'47	0.27496 AU
morning rise	-11825 Sep 27 j 12:17	5°♋28'47	
direct	-11825 Oct 12 j 08:58	0°♋58'37	
asc. node	-11825 Oct 15 j 15:54	1°♋11'34	
greatest brilliancy	-11825 Oct 21 j 17:00	2°♋38'05	-4.8m
	-11825 Nov 28 j 11:22	0°♌	
morning max el	-11825 Nov 30 j 14:14	2°♌02'18	46°05'26
	-11825 Dec 27 j 16:20	0°♍	
	-11824 Jan 23 j 17:17	0°♎	
desc. node	-11824 Feb 06 j 03:24	15°♎22'09	
	-11824 Feb 18 j 17:10	0°♏	
	-11824 Mar 14 j 22:58	0°♐	
	-11824 Apr 08 j 14:21	0°♑	
	-11824 May 02 j 18:56	0°♒	
morning set	-11824 May 24 j 07:46	27°♒01'41	
	-11824 May 26 j 16:21	0°♓	
asc. node	-11824 May 27 j 03:55	0°♓36'28	
	-11824 Jun 19 j 10:01	0°♈	
superior conj	-11824 Jul 02 j 06:52	16°♈17'18	1°10'34
minimum elong	-11824 Jul 01 j 21:15	15°♈46'52	1°10'29
max. Earth dist.	-11824 Jul 04 j 05:49	18°♈45'50	1.70709 AU
	-11824 Jul 13 j 03:04	0°♉	
	-11824 Aug 05 j 22:18	0°♊	
evening rise	-11824 Aug 13 j 03:02	9°♊01'54	
	-11824 Aug 29 j 21:44	0°♋	
desc. node	-11824 Sep 17 j 12:55	23°♋07'57	
	-11824 Sep 23 j 02:19	0°♌	
	-11824 Oct 17 j 12:18	0°♍	
	-11824 Nov 11 j 04:46	0°♎	
	-11824 Dec 06 j 07:35	0°♏	
	-11823 Jan 01 j 06:09	0°♐	
asc. node	-11823 Jan 06 j 20:37	6°♐17'02	
	-11823 Jan 28 j 22:03	0°♑	
evening max el	-11823 Feb 11 j 22:37	13°♑52'35	45°09'38
	-11823 Mar 02 j 18:09	0°♒	
greatest brilliancy	-11823 Mar 22 j 12:48	11°♒12'01	-4.7m
retrograde	-11823 Apr 01 j 10:22	12°♒55'45	
evening set	-11823 Apr 16 j 06:18	8°♒49'55	
inferior conj	-11823 Apr 22 j 10:03	5°♒21'22	1°55'31
minimum elong	-11823 Apr 22 j 14:19	5°♒15'04	1°53'44
min. Earth dist.	-11823 Apr 23 j 08:28	4°♒48'15	0.27241 AU
morning rise	-11823 Apr 28 j 21:17	1°♒40'59	
desc. node	-11823 Apr 30 j 12:46	0°♒51'37	
	-11823 May 02 j 10:28	30°℞♑	
direct	-11823 May 13 j 14:03	27°♑33'44	
	-11823 May 25 j 03:37	0°♒	
greatest brilliancy	-11823 May 25 j 08:13	0°♒04'39	-4.9m
	-11823 Jul 02 j 19:38	0°♓	
morning max el	-11823 Jul 03 j 03:24	0°♓19'40	46°40'56
	-11823 Jul 30 j 08:17	0°♈	
asc. node	-11823 Aug 19 j 18:35	23°♈58'34	
	-11823 Aug 24 j 19:17	0°♉	
	-11823 Sep 18 j 13:12	0°♊	
	-11823 Oct 13 j 03:01	0°♋	
	-11823 Nov 06 j 18:13	0°♌	
	-11823 Dec 01 j 11:31	0°♍	
desc. node	-11823 Dec 11 j 02:20	11°♍39'46	
	-11823 Dec 26 j 04:46	0°♎	
morning set	-11822 Jan 07 j 11:51	14°♎57'55	
	-11822 Jan 19 j 19:15	0°♏	
max. Earth dist.	-11822 Feb 08 j 11:39	24°♏09'14	1.73537 AU
superior conj	-11822 Feb 12 j 11:13	29°♏03'30	-1°18'47
minimum elong	-11822 Feb 12 j 14:16	29°♏12'55	1°19'19
	-11822 Feb 13 j 05:33	0°♐	
	-11822 Mar 09 j 12:05	0°♑	
evening rise	-11822 Mar 19 j 10:13	12°♑18'14	
asc. node	-11822 Apr 01 j 03:51	28°♑06'35	
	-11822 Apr 02 j 16:24	0°♒	
	-11822 Apr 26 j 20:09	0°♓	
	-11822 May 21 j 00:51	0°♈	
	-11822 Jun 14 j 08:19	0°♉	
	-11822 Jul 08 j 21:35	0°♊	
desc. node	-11822 Jul 23 j 16:51	17°♊50'38	
	-11822 Aug 02 j 22:07	0°♋	
	-11822 Aug 28 j 21:24	0°♌	
evening max el	-11822 Sep 20 j 10:33	24°♌12'02	46°34'27
	-11822 Sep 26 j 07:08	0°♍	
greatest brilliancy	-11822 Oct 29 j 10:04	24°♍38'34	-4.8m
retrograde	-11822 Nov 09 j 16:13	27°♍01'47	
asc. node	-11822 Nov 12 j 02:45	26°♍54'22	
evening set	-11822 Nov 24 j 20:43	22°♍20'20	
inferior conj	-11822 Nov 30 j 21:12	18°♍35'16	4°06'57
minimum elong	-11822 Nov 30 j 13:47	18°♍47'15	4°05'17
min. Earth dist.	-11822 Nov 30 j 10:10	18°♍53'06	0.29082 AU
morning rise	-11822 Dec 06 j 07:27	15°♍11'51	
direct	-11822 Dec 22 j 09:45	10°♍08'16	
greatest brilliancy	-11822 Dec 31 j 10:08	11°♍37'57	-4.7m
	-11821 Jan 29 j 09:33	0°♎	
morning max el	-11821 Feb 09 j 05:03	9°♎45'09	46°01'36
	-11821 Mar 01 j 08:53	0°♏	
desc. node	-11821 Mar 05 j 16:12	4°♏34'36	
	-11821 Mar 28 j 14:37	0°♐	
	-11821 Apr 23 j 06:07	0°♑	
	-11821 May 17 j 23:15	0°♒	
	-11821 Jun 11 j 02:40	0°♓	
asc. node	-11821 Jun 24 j 17:49	17°♓07'47	
	-11821 Jul 04 j 22:31	0°♈	
	-11821 Jul 28 j 15:45	0°♉	
morning set	-11821 Aug 08 j 11:56	13°♉42'04	
	-11821 Aug 21 j 10:17	0°♊	
	-11821 Sep 14 j 08:46	0°♋	
superior conj	-11821 Sep 19 j 23:24	6°♋59'34	0°54'12
minimum elong	-11821 Sep 20 j 11:07	7°♋36'03	0°54'27
max. Earth dist.	-11821 Sep 26 j 23:30	15°♋42'22	1.72036 AU
	-11821 Oct 08 j 12:10	0°♌	
desc. node	-11821 Oct 16 j 01:24	9°♌20'06	
evening rise	-11821 Nov 01 j 09:50	29°♌29'24	
	-11821 Nov 01 j 19:47	0°♍	
	-11821 Nov 26 j 06:24	0°♎	
	-11821 Dec 20 j 19:46	0°♏	
	-11820 Jan 14 j 13:50	0°♐	
asc. node	-11820 Feb 04 j 07:03	24°♐47'21	
	-11820 Feb 08 j 16:37	0°♑	
	-11820 Mar 05 j 09:52	0°♒	
	-11820 Apr 01 j 03:34	0°♓	
evening max el	-11820 Apr 26 j 15:59	26°♓35'03	46°52'30
	-11820 Apr 30 j 04:44	0°♈	
desc. node	-11820 May 27 j 23:14	22°♈20'55	
greatest brilliancy	-11820 Jun 06 j 09:49	26°♈48'44	-4.9m
retrograde	-11820 Jun 15 j 23:43	28°♈30'39	
evening set	-11820 Jul 02 j 12:03	23°♈17'38	
min. Earth dist.	-11820 Jul 05 j 22:32	21°♈15'39	0.26444 AU

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

inferior conj	-11820 Jul 06 j 16:35	20°♈48'22	-7°57'41	
minimum elong	-11820 Jul 06 j 08:36	21°♈00'26	7°56'25	
morning rise	-11820 Jul 10 j 05:19	18°♈42'34		
direct	-11820 Jul 26 j 22:01	13°♈20'53		
greatest brilliancy	-11820 Aug 05 j 22:04	15°♈15'31	-4.9m	
	-11820 Aug 28 j 18:34	0°♉		
morning max el	-11820 Sep 15 j 07:22	16°♉32'08	46°29'27	
asc. node	-11820 Sep 16 j 06:55	17°♉32'09		
	-11820 Sep 28 j 02:42	0°♊		
	-11820 Oct 24 j 20:57	0°♋		
	-11820 Nov 19 j 16:51	0°♌		
	-11820 Dec 15 j 04:49	0°♍		
desc. node	-11819 Jan 07 j 16:00	27°♍50'59		
	-11819 Jan 09 j 11:15	0°♎		
	-11819 Feb 03 j 10:45	0°♏		
	-11819 Feb 28 j 02:05	0°♐		
morning set	-11819 Mar 15 j 06:56	18°♐42'53		
	-11819 Mar 24 j 09:41	0°♑		
max. Earth dist.	-11819 Apr 15 j 06:35	27°♑14'55	1.72014 AU	
	-11819 Apr 17 j 11:23	0°♒		
superior conj	-11819 Apr 19 j 13:00	2°♒35'14	-0°21'01	
minimum elong	-11819 Apr 19 j 17:06	2°♒48'02	0°21'25	
asc. node	-11819 Apr 28 j 16:45	14°♒03'28		
	-11819 May 11 j 09:29	0°♓		
evening rise	-11819 May 26 j 07:23	18°♓44'47		
	-11819 Jun 04 j 06:11	0°♈		
	-11819 Jun 28 j 03:31	0°♉		
	-11819 Jul 22 j 03:42	0°♊		
	-11819 Aug 15 j 09:01	0°♋		
desc. node	-11819 Aug 20 j 03:35	5°♋52'15		
	-11819 Sep 08 j 21:55	0°♌		
	-11819 Oct 03 j 22:25	0°♍		
	-11819 Oct 29 j 20:25	0°♎		
	-11819 Nov 26 j 22:12	0°♏		
evening max el	-11819 Nov 29 j 21:15	2°♏54'27	45°01'47	
asc. node	-11819 Dec 09 j 12:57	11°♏53'00		
	-11818 Jan 05 j 03:01	0°♐		
greatest brilliancy	-11818 Jan 06 j 06:27	0°♐26'39	-4.7m	
retrograde	-11818 Jan 17 j 01:51	2°♐32'54		
	-11818 Jan 28 j 12:22	30°℞♏		
evening set	-11818 Feb 03 j 17:13	26°♏45'37		
inferior conj	-11818 Feb 07 j 12:55	24°♏25'00	8°05'41	
minimum elong	-11818 Feb 07 j 14:12	24°♏23'00	8°05'07	
min. Earth dist.	-11818 Feb 08 j 10:20	23°♏51'31	0.29372 AU	
morning rise	-11818 Feb 11 j 10:53	21°♏59'48		
direct	-11818 Mar 01 j 13:12	15°♏55'49		
greatest brilliancy	-11818 Mar 12 j 07:49	17°♏58'52	-4.7m	
	-11818 Apr 01 j 10:29	0°♐		
desc. node	-11818 Apr 02 j 03:58	0°♐34'18		
morning max el	-11818 Apr 20 j 03:02	16°♐34'35	46°21'42	
	-11818 May 03 j 07:07	0°♑		
	-11818 May 30 j 04:32	0°♒		
	-11818 Jun 24 j 09:01	0°♓		
	-11818 Jul 18 j 18:06	0°♈		
asc. node	-11818 Jul 22 j 07:29	4°♈25'36		
	-11818 Aug 11 j 18:32	0°♉		
	-11818 Sep 04 j 17:17	0°♊		
	-11818 Sep 28 j 18:51	0°♋		
	-11818 Oct 23 j 01:00	0°♌		
morning set	-11818 Oct 25 j 05:03	2°♌40'17		
desc. node	-11818 Nov 12 j 14:40	25°♌16'54		
	-11818 Nov 16 j 11:00	0°♍		
superior conj	-11818 Dec 04 j 12:35	22°♍08'28	-0°46'14	
minimum elong	-11818 Dec 04 j 04:05	21°♍42'26	0°45'47	
max. Earth dist.	-11818 Dec 04 j 13:57	22°♍12'39	1.73649 AU	
	-11818 Dec 10 j 22:32	0°♎		
	-11817 Jan 04 j 09:42	0°♏		
evening rise	-11817 Jan 10 j 11:49	7°♏28'17		
greatest brilliancy	-11817 Jan 25 j 11:51	25°♏53'28	-3.9m	
	-11817 Jan 28 j 20:11	0°♐		
	-11817 Feb 22 j 07:25	0°♑		
asc. node	-11817 Mar 03 j 18:12	11°♑33'12		
	-11817 Mar 18 j 21:27	0°♒		
	-11817 Apr 12 j 16:05	0°♓		
	-11817 May 07 j 17:42	0°♈		
	-11817 Jun 02 j 08:05	0°♉		
desc. node	-11817 Jun 25 j 08:58	25°♉54'04		
	-11817 Jun 29 j 04:00	0°♊		
evening max el	-11817 Jul 09 j 07:29	10°♊37'03	47°53'52	
	-11817 Jul 30 j 02:37	0°♋		
greatest brilliancy	-11817 Aug 20 j 00:25	12°♋59'10	-4.9m	
retrograde	-11817 Aug 29 j 15:30	14°♋47'54		
evening set	-11817 Sep 14 j 19:39	9°♋30'30		
min. Earth dist.	-11817 Sep 19 j 00:51	6°♋52'43	0.27454 AU	
inferior conj	-11817 Sep 19 j 12:34	6°♋33'58	-5°38'07	
minimum elong	-11817 Sep 19 j 21:55	6°♋19'01	5°35'15	
morning rise	-11817 Sep 25 j 00:40	3°♋10'45		
	-11817 Oct 01 j 21:00	30°℞♊		
direct	-11817 Oct 09 j 22:44	28°♊37'32		
asc. node	-11817 Oct 14 j 18:17	29°♊05'07		
	-11817 Oct 18 j 09:38	0°♋		
greatest brilliancy	-11817 Oct 19 j 07:54	0°♋18'15	-4.8m	
morning max el	-11817 Nov 28 j 05:51	29°♋48'07	46°06'06	
	-11817 Nov 28 j 10:45	0°♌		
	-11817 Dec 27 j 08:35	0°♍		
	-11816 Jan 23 j 06:55	0°♎		
desc. node	-11816 Feb 05 j 05:35	14°♎51'08		
	-11816 Feb 18 j 05:31	0°♏		
	-11816 Mar 14 j 10:37	0°♐		
	-11816 Apr 08 j 01:38	0°♑		
	-11816 May 02 j 06:03	0°♒		
morning set	-11816 May 21 j 23:43	24°♒46'00		
asc. node	-11816 May 26 j 06:07	0°♓08'36		
	-11816 May 26 j 03:24	0°♓		
	-11816 Jun 18 j 21:04	0°♈		
superior conj	-11816 Jun 29 j 18:49	13°♈48'05	1°08'32	
minimum elong	-11816 Jun 29 j 08:55	13°♈16'49	1°08'23	
max. Earth dist.	-11816 Jul 01 j 13:18	16°♈02'31	1.70715 AU	
	-11816 Jul 12 j 14:12	0°♉		
	-11816 Aug 05 j 09:33	0°♊		
evening rise	-11816 Aug 10 j 10:38	6°♊20'01		
	-11816 Aug 29 j 09:05	0°♋		
desc. node	-11816 Sep 16 j 15:12	22°♋39'39		
	-11816 Sep 22 j 13:47	0°♌		
	-11816 Oct 16 j 23:58	0°♍		
	-11816 Nov 10 j 16:49	0°♎		
	-11816 Dec 05 j 20:28	0°♏		
	-11816 Dec 31 j 20:50	0°♐		
asc. node	-11815 Jan 05 j 22:51	5°♐40'51		
	-11815 Jan 28 j 17:17	0°♑		
evening max el	-11815 Feb 09 j 13:38	11°♑38'56	45°07'25	
	-11815 Mar 03 j 11:37	0°♒		
greatest brilliancy	-11815 Mar 20 j 00:49	8°♒52'00	-4.7m	
retrograde	-11815 Mar 29 j 23:22	10°♒36'01		
evening set	-11815 Apr 13 j 21:05	6°♒27'49		
inferior conj	-11815 Apr 19 j 23:04	3°♒00'56	2°16'53	
minimum elong	-11815 Apr 20 j 04:03	2°♒53'33	2°14'52	
min. Earth dist.	-11815 Apr 20 j 22:27	2°♒26'19	0.27310 AU	
	-11815 Apr 25 j 04:29	30°℞♑		
morning rise	-11815 Apr 26 j 10:04	29°♑20'36		
desc. node	-11815 Apr 29 j 15:06	27°♑48'17		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

direct	-11815 May 11 j 04:50	25°♋12'01	
greatest brilliancy	-11815 May 22 j 22:11	27°♋42'22	-4.9m
	-11815 May 27 j 18:32	0°♒	
morning max el	-11815 Jun 30 j 17:43	27°♒56'36	46°40'48
	-11815 Jul 02 j 18:04	0°♓	
	-11815 Jul 30 j 00:34	0°♈	
asc. node	-11815 Aug 18 j 20:53	23°♈22'24	
	-11815 Aug 24 j 09:18	0°♉	
	-11815 Sep 18 j 02:06	0°♊	
	-11815 Oct 12 j 15:15	0°♋	
	-11815 Nov 06 j 05:59	0°♌	
	-11815 Nov 30 j 22:56	0°♍	
desc. node	-11815 Dec 10 j 04:21	11°♍11'32	
	-11815 Dec 25 j 15:56	0°♎	
morning set	-11814 Jan 05 j 05:02	12°♎50'17	
	-11814 Jan 19 j 06:14	0°♏	
max. Earth dist.	-11814 Feb 06 j 09:23	22°♏14'50	1.73568 AU
superior conj	-11814 Feb 10 j 06:47	27°♏02'18	-1°19'19
minimum elong	-11814 Feb 10 j 09:19	27°♏10'05	1°19'51
	-11814 Feb 12 j 16:28	0°♐	
	-11814 Mar 08 j 23:04	0°♑	
evening rise	-11814 Mar 17 j 05:46	10°♑15'45	
asc. node	-11814 Mar 31 j 06:12	27°♑39'13	
	-11814 Apr 02 j 03:35	0°♒	
	-11814 Apr 26 j 07:39	0°♓	
	-11814 May 20 j 12:44	0°♈	
	-11814 Jun 13 j 20:41	0°♉	
	-11814 Jul 08 j 10:38	0°♊	
desc. node	-11814 Jul 22 j 19:09	17°♊16'47	
	-11814 Aug 02 j 12:17	0°♋	
	-11814 Aug 28 j 13:59	0°♌	
evening max el	-11814 Sep 18 j 03:06	21°♌58'23	46°38'07
	-11814 Sep 26 j 07:20	0°♍	
greatest brilliancy	-11814 Oct 27 j 04:46	22°♍30'13	-4.8m
retrograde	-11814 Nov 07 j 09:44	24°♍52'08	
asc. node	-11814 Nov 11 j 05:01	24°♍34'04	
evening set	-11814 Nov 22 j 12:58	20°♍12'45	
min. Earth dist.	-11814 Nov 28 j 03:01	16°♍44'18	0.29034 AU
inferior conj	-11814 Nov 28 j 14:30	16°♍25'42	3°50'42
minimum elong	-11814 Nov 28 j 07:27	16°♍37'08	3°49'08
morning rise	-11814 Dec 04 j 02:34	12°♍59'20	
direct	-11814 Dec 20 j 02:37	7°♍59'37	
greatest brilliancy	-11814 Dec 29 j 01:58	9°♍28'30	-4.7m
	-11813 Jan 29 j 13:15	0°♎	
morning max el	-11813 Feb 06 j 20:55	7°♎35'43	46°01'09
	-11813 Mar 01 j 02:00	0°♏	
desc. node	-11813 Mar 04 j 18:26	3°♏56'23	
	-11813 Mar 28 j 04:40	0°♐	
	-11813 Apr 22 j 18:50	0°♑	
	-11813 May 17 j 11:18	0°♒	
	-11813 Jun 10 j 14:22	0°♓	
asc. node	-11813 Jun 23 j 19:51	16°♓37'38	
	-11813 Jul 04 j 10:04	0°♈	
	-11813 Jul 28 j 03:11	0°♉	
morning set	-11813 Aug 05 j 21:27	11°♉04'37	
	-11813 Aug 20 j 21:38	0°♊	
	-11813 Sep 13 j 20:03	0°♋	
superior conj	-11813 Sep 17 j 08:14	4°♋22'28	0°57'07
minimum elong	-11813 Sep 17 j 20:06	4°♋59'25	0°57'23
max. Earth dist.	-11813 Sep 24 j 14:36	13°♋25'05	1.71961 AU
	-11813 Oct 07 j 23:24	0°♌	
desc. node	-11813 Oct 15 j 03:37	8°♌52'16	
evening rise	-11813 Oct 29 j 22:17	27°♌05'28	
	-11813 Nov 01 j 07:01	0°♍	
	-11813 Nov 25 j 17:42	0°♎	
	-11813 Dec 20 j 07:17	0°♏	
	-11812 Jan 14 j 01:49	0°♐	
asc. node	-11812 Feb 03 j 09:23	24°♐16'43	
	-11812 Feb 08 j 05:29	0°♑	
	-11812 Mar 05 j 00:22	0°♒	
	-11812 Mar 31 j 21:20	0°♓	
evening max el	-11812 Apr 24 j 04:14	24°♓07'34	46°48'31
	-11812 Apr 30 j 07:40	0°♈	
desc. node	-11812 May 27 j 01:20	20°♈44'11	
greatest brilliancy	-11812 Jun 03 j 21:43	24°♈17'06	-4.9m
retrograde	-11812 Jun 13 j 10:42	25°♈58'17	
evening set	-11812 Jun 29 j 19:35	20°♈52'13	
min. Earth dist.	-11812 Jul 03 j 11:14	18°♈43'10	0.26427 AU
inferior conj	-11812 Jul 04 j 04:19	18°♈17'23	-7°46'42
minimum elong	-11812 Jul 03 j 19:45	18°♈30'19	7°45'18
morning rise	-11812 Jul 07 j 20:00	16°♈07'22	
direct	-11812 Jul 24 j 09:27	10°♈50'09	
greatest brilliancy	-11812 Aug 03 j 12:01	12°♈46'28	-4.9m
	-11812 Aug 29 j 04:03	0°♉	
morning max el	-11812 Sep 12 j 18:54	14°♉00'13	46°30'25
asc. node	-11812 Sep 15 j 09:10	16°♉39'49	
	-11812 Sep 27 j 21:48	0°♊	
	-11812 Oct 24 j 12:11	0°♋	
	-11812 Nov 19 j 06:17	0°♌	
	-11812 Dec 14 j 17:16	0°♍	
desc. node	-11811 Jan 06 j 18:11	27°♍22'04	
	-11811 Jan 08 j 23:05	0°♎	
	-11811 Feb 02 j 22:11	0°♏	
	-11811 Feb 27 j 13:17	0°♐	
morning set	-11811 Mar 13 j 02:19	16°♐40'04	
	-11811 Mar 23 j 20:48	0°♑	
max. Earth dist.	-11811 Apr 13 j 00:37	25°♑06'28	1.72078 AU
	-11811 Apr 16 j 22:31	0°♒	
superior conj	-11811 Apr 17 j 07:08	0°♒26'57	-0°24'00
minimum elong	-11811 Apr 17 j 11:43	0°♒41'17	0°24'22
asc. node	-11811 Apr 27 j 18:54	13°♒35'12	
	-11811 May 10 j 20:45	0°♓	
evening rise	-11811 May 23 j 22:47	16°♓26'40	
	-11811 Jun 03 j 17:38	0°♈	
	-11811 Jun 27 j 15:11	0°♉	
	-11811 Jul 21 j 15:37	0°♊	
	-11811 Aug 14 j 21:15	0°♋	
desc. node	-11811 Aug 19 j 05:54	5°♋21'36	
	-11811 Sep 08 j 10:37	0°♌	
	-11811 Oct 03 j 11:59	0°♍	
	-11811 Oct 29 j 11:54	0°♎	
	-11811 Nov 26 j 19:28	0°♏	
evening max el	-11811 Nov 27 j 12:15	0°♏40'54	45°03'42
asc. node	-11811 Dec 08 j 15:07	10°♏57'35	
greatest brilliancy	-11810 Jan 03 j 21:25	28°♏17'57	-4.7m
	-11810 Jan 09 j 23:00	0°♐	
retrograde	-11810 Jan 14 j 18:50	0°♐26'28	
	-11810 Jan 19 j 12:15	30°℞♏	
evening set	-11810 Feb 01 j 09:42	24°♏38'19	
inferior conj	-11810 Feb 05 j 05:45	22°♏17'09	8°06'31
minimum elong	-11810 Feb 05 j 06:21	22°♏16'12	8°06'00
min. Earth dist.	-11810 Feb 06 j 01:57	21°♏45'33	0.29415 AU
morning rise	-11810 Feb 09 j 02:44	19°♏53'27	
direct	-11810 Feb 27 j 05:59	13°♏47'00	
greatest brilliancy	-11810 Mar 09 j 23:32	15°♏49'17	-4.7m
desc. node	-11810 Apr 01 j 06:12	29°♏31'19	
	-11810 Apr 01 j 20:20	0°♐	
morning max el	-11810 Apr 17 j 19:37	14°♐23'04	46°20'53
	-11810 May 03 j 01:37	0°♑	
	-11810 May 29 j 19:26	0°♒	
	-11810 Jun 23 j 22:25	0°♓	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11810 Jul 18 j 06:42	0°♈	
asc. node	-11810 Jul 21 j 09:47	3°♈53'43	
	-11810 Aug 11 j 06:40	0°♉	
	-11810 Sep 04 j 05:08	0°♊	
	-11810 Sep 28 j 06:30	0°♋	
morning set	-11810 Oct 22 j 16:45	0°♌13'11	
	-11810 Oct 22 j 12:28	0°♌	
desc. node	-11810 Nov 11 j 16:43	24°♌48'30	
	-11810 Nov 15 j 22:17	0°♍	
superior conj	-11810 Dec 02 j 04:04	19°♍54'39	-0°43'33
minimum elong	-11810 Dec 01 j 19:47	19°♍29'16	0°43'04
max. Earth dist.	-11810 Dec 02 j 09:22	20°♍10'54	1.73619 AU
	-11810 Dec 10 j 09:41	0°♎	
	-11809 Jan 03 j 20:49	0°♏	
evening rise	-11809 Jan 08 j 06:54	5°♏25'25	
greatest brilliancy	-11809 Jan 24 j 11:32	25°♏18'01	-3.9m
	-11809 Jan 28 j 07:26	0°♐	
	-11809 Feb 21 j 18:59	0°♑	
asc. node	-11809 Mar 02 j 20:31	11°♑04'30	
	-11809 Mar 18 j 09:32	0°♒	
	-11809 Apr 12 j 04:57	0°♓	
	-11809 May 07 j 07:42	0°♈	
	-11809 Jun 02 j 00:03	0°♉	
desc. node	-11809 Jun 24 j 11:18	25°♉07'59	
	-11809 Jun 29 j 00:15	0°♊	
evening max el	-11809 Jul 06 j 22:57	8°♊15'55	47°54'21
	-11809 Jul 30 j 17:27	0°♋	
greatest brilliancy	-11809 Aug 17 j 15:49	10°♋35'39	-4.9m
retrograde	-11809 Aug 27 j 06:46	12°♋24'17	
evening set	-11809 Sep 12 j 13:12	7°♋02'44	
min. Earth dist.	-11809 Sep 16 j 15:12	4°♋30'06	0.27409 AU
inferior conj	-11809 Sep 17 j 03:15	4°♋10'54	-5°54'44
minimum elong	-11809 Sep 17 j 12:46	3°♋55'44	5°51'54
morning rise	-11809 Sep 22 j 12:49	0°♋51'56	
	-11809 Sep 24 j 02:32	30°℞♊	
direct	-11809 Oct 07 j 13:04	26°♊15'29	
asc. node	-11809 Oct 13 j 20:32	27°♊02'39	
greatest brilliancy	-11809 Oct 16 j 22:12	27°♊56'50	-4.8m
	-11809 Oct 21 j 20:18	0°♋	
morning max el	-11809 Nov 25 j 22:04	27°♋34'35	46°06'46
	-11809 Nov 28 j 09:27	0°♌	
	-11809 Dec 27 j 00:47	0°♍	
	-11808 Jan 22 j 20:39	0°♎	
desc. node	-11808 Feb 04 j 07:49	14°♎19'48	
	-11808 Feb 17 j 18:01	0°♏	
	-11808 Mar 13 j 22:28	0°♐	
	-11808 Apr 07 j 13:09	0°♑	
	-11808 May 01 j 17:25	0°♒	
morning set	-11808 May 19 j 15:34	22°♒29'06	
asc. node	-11808 May 25 j 08:14	29°♒39'28	
	-11808 May 25 j 14:45	0°♓	
	-11808 Jun 18 j 08:27	0°♈	
superior conj	-11808 Jun 27 j 06:35	11°♈17'20	1°06'21
minimum elong	-11808 Jun 26 j 20:31	10°♈45'29	1°06'09
max. Earth dist.	-11808 Jun 28 j 17:59	13°♈09'18	1.70721 AU
	-11808 Jul 12 j 01:40	0°♉	
	-11808 Aug 04 j 21:05	0°♊	
evening rise	-11808 Aug 07 j 17:58	3°♊36'13	
	-11808 Aug 28 j 20:42	0°♋	
desc. node	-11808 Sep 15 j 17:23	22°♋10'19	
	-11808 Sep 22 j 01:29	0°♌	
	-11808 Oct 16 j 11:52	0°♍	
	-11808 Nov 10 j 05:07	0°♎	
	-11808 Dec 05 j 09:37	0°♏	
	-11808 Dec 31 j 11:51	0°♐	
asc. node	-11807 Jan 05 j 01:17	5°♐04'29	
	-11807 Jan 28 j 13:12	0°♑	
evening max el	-11807 Feb 07 j 04:37	9°♑25'01	45°05'17
	-11807 Mar 04 j 11:05	0°♒	
greatest brilliancy	-11807 Mar 17 j 13:32	6°♒33'10	-4.7m
retrograde	-11807 Mar 27 j 12:05	8°♒16'50	
evening set	-11807 Apr 11 j 12:16	4°♒06'11	
inferior conj	-11807 Apr 17 j 12:22	0°♒41'07	2°37'36
minimum elong	-11807 Apr 17 j 18:02	0°♒32'42	2°35'24
min. Earth dist.	-11807 Apr 18 j 12:47	0°♒04'51	0.27386 AU
	-11807 Apr 18 j 16:04	30°℞♑	
morning rise	-11807 Apr 23 j 22:51	27°♑00'50	
desc. node	-11807 Apr 28 j 17:11	24°♑50'00	
direct	-11807 May 08 j 19:30	22°♑50'50	
greatest brilliancy	-11807 May 20 j 12:26	25°♑20'23	-4.9m
	-11807 May 29 j 10:19	0°♒	
morning max el	-11807 Jun 28 j 07:14	25°♒30'48	46°40'24
	-11807 Jul 02 j 15:57	0°♓	
	-11807 Jul 29 j 16:56	0°♈	
asc. node	-11807 Aug 17 j 23:07	22°♈45'23	
	-11807 Aug 23 j 23:31	0°♉	
	-11807 Sep 17 j 15:12	0°♊	
	-11807 Oct 12 j 03:38	0°♋	
	-11807 Nov 05 j 17:52	0°♌	
	-11807 Nov 30 j 10:27	0°♍	
desc. node	-11807 Dec 09 j 06:31	10°♍43'27	
	-11807 Dec 25 j 03:11	0°♎	
morning set	-11806 Jan 02 j 22:18	10°♎42'37	
	-11806 Jan 18 j 17:19	0°♏	
max. Earth dist.	-11806 Feb 04 j 05:43	20°♏15'54	1.73595 AU
superior conj	-11806 Feb 08 j 02:38	25°♏01'45	-1°19'46
minimum elong	-11806 Feb 08 j 04:39	25°♏07'54	1°20'17
	-11806 Feb 12 j 03:29	0°♐	
	-11806 Mar 08 j 10:07	0°♑	
evening rise	-11806 Mar 15 j 01:40	8°♑14'10	
asc. node	-11806 Mar 30 j 08:23	27°♑11'15	
	-11806 Apr 01 j 14:48	0°♒	
	-11806 Apr 25 j 19:12	0°♓	
	-11806 May 20 j 00:44	0°♈	
	-11806 Jun 13 j 09:14	0°♉	
	-11806 Jul 07 j 23:56	0°♊	
desc. node	-11806 Jul 21 j 21:26	16°♊42'04	
	-11806 Aug 02 j 02:50	0°♋	
	-11806 Aug 28 j 07:08	0°♌	
evening max el	-11806 Sep 15 j 18:43	19°♌41'31	46°41'57
	-11806 Sep 26 j 09:02	0°♍	
greatest brilliancy	-11806 Oct 24 j 23:53	20°♍21'41	-4.8m
retrograde	-11806 Nov 05 j 02:54	22°♍41'58	
asc. node	-11806 Nov 10 j 07:13	22°♍08'27	
evening set	-11806 Nov 20 j 05:20	18°♍04'25	
inferior conj	-11806 Nov 26 j 07:49	14°♍15'48	3°34'14
minimum elong	-11806 Nov 26 j 01:09	14°♍26'38	3°32'44
min. Earth dist.	-11806 Nov 25 j 20:09	14°♍34'44	0.28979 AU
morning rise	-11806 Dec 01 j 21:35	10°♍46'35	
direct	-11806 Dec 17 j 18:57	5°♍50'38	
greatest brilliancy	-11806 Dec 26 j 18:17	7°♍19'16	-4.7m
	-11805 Jan 29 j 15:25	0°♎	
morning max el	-11805 Feb 04 j 12:06	5°♎24'33	46°00'50
	-11805 Feb 28 j 18:45	0°♏	
desc. node	-11805 Mar 03 j 20:33	3°♏18'16	
	-11805 Mar 27 j 18:34	0°♐	
	-11805 Apr 22 j 07:26	0°♑	
	-11805 May 16 j 23:15	0°♒	
	-11805 Jun 10 j 02:00	0°♓	
asc. node	-11805 Jun 22 j 22:11	16°♓08'39	
	-11805 Jul 03 j 21:33	0°♈	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11805 Jul 27 j 14:37	0°♉	
morning set	-11805 Aug 03 j 06:55	8°♉26'48	
	-11805 Aug 20 j 09:02	0°♊	
	-11805 Sep 13 j 07:24	0°♋	
superior conj	-11805 Sep 14 j 16:38	1°♋43'38	0°59'55
minimum elong	-11805 Sep 15 j 04:32	2°♋20'45	1°00'13
max. Earth dist.	-11805 Sep 22 j 02:14	10°♋56'44	1.71888 AU
	-11805 Oct 07 j 10:43	0°♌	
desc. node	-11805 Oct 14 j 05:42	8°♌23'50	
evening rise	-11805 Oct 27 j 09:57	24°♌38'53	
	-11805 Oct 31 j 18:18	0°♍	
	-11805 Nov 25 j 05:01	0°♎	
	-11805 Dec 19 j 18:48	0°♏	
	-11804 Jan 13 j 13:47	0°♐	
asc. node	-11804 Feb 02 j 11:41	23°♐46'01	
	-11804 Feb 07 j 18:22	0°♑	
	-11804 Mar 04 j 14:55	0°♒	
	-11804 Mar 31 j 15:20	0°♓	
evening max el	-11804 Apr 21 j 16:06	21°♓39'57	46°44'39
	-11804 Apr 30 j 11:53	0°♈	
desc. node	-11804 May 26 j 03:40	19°♈05'07	
greatest brilliancy	-11804 Jun 01 j 09:29	21°♈46'28	-4.9m
retrograde	-11804 Jun 10 j 22:00	23°♈27'35	
evening set	-11804 Jun 27 j 03:13	18°♈27'57	
min. Earth dist.	-11804 Jun 30 j 23:59	16°♈12'10	0.26416 AU
inferior conj	-11804 Jul 01 j 16:12	15°♈47'46	-7°34'46
minimum elong	-11804 Jul 01 j 07:07	16°♈01'27	7°33'11
morning rise	-11804 Jul 05 j 11:03	13°♈33'31	
direct	-11804 Jul 21 j 21:08	8°♈20'31	
greatest brilliancy	-11804 Aug 01 j 02:17	10°♈18'57	-4.9m
	-11804 Aug 29 j 10:43	0°♉	
morning max el	-11804 Sep 10 j 07:05	11°♉30'17	46°31'11
asc. node	-11804 Sep 14 j 11:24	15°♉48'44	
	-11804 Sep 27 j 16:18	0°♊	
	-11804 Oct 24 j 03:11	0°♋	
	-11804 Nov 18 j 19:38	0°♌	
	-11804 Dec 14 j 05:38	0°♍	
desc. node	-11803 Jan 05 j 20:26	26°♍53'42	
	-11803 Jan 08 j 10:47	0°♎	
	-11803 Feb 02 j 09:27	0°♏	
	-11803 Feb 27 j 00:18	0°♐	
morning set	-11803 Mar 10 j 21:43	14°♐37'56	
	-11803 Mar 23 j 07:44	0°♑	
max. Earth dist.	-11803 Apr 10 j 19:52	23°♑02'23	1.72140 AU
superior conj	-11803 Apr 15 j 01:31	28°♑19'59	-0°26'54
minimum elong	-11803 Apr 15 j 06:33	28°♑35'46	0°27'17
	-11803 Apr 16 j 09:30	0°♒	
asc. node	-11803 Apr 26 j 21:03	13°♒07'24	
	-11803 May 10 j 07:51	0°♓	
evening rise	-11803 May 21 j 14:41	14°♓10'42	
	-11803 Jun 03 j 04:53	0°♈	
	-11803 Jun 27 j 02:37	0°♉	
	-11803 Jul 21 j 03:18	0°♊	
	-11803 Aug 14 j 09:16	0°♋	
desc. node	-11803 Aug 18 j 08:05	4°♋51'13	
	-11803 Sep 07 j 23:10	0°♌	
	-11803 Oct 03 j 01:27	0°♍	
	-11803 Oct 29 j 03:27	0°♎	
evening max el	-11803 Nov 25 j 04:07	28°♎29'45	45°05'48
	-11803 Nov 26 j 17:25	0°♏	
asc. node	-11803 Dec 07 j 17:34	10°♏01'53	
greatest brilliancy	-11802 Jan 01 j 12:29	26°♏09'49	-4.7m
retrograde	-11802 Jan 12 j 12:16	28°♏20'29	
evening set	-11802 Jan 30 j 02:03	22°♏32'03	
inferior conj	-11802 Feb 02 j 22:37	20°♏09'52	8°06'41
minimum elong	-11802 Feb 02 j 22:33	20°♏09'58	8°06'12
min. Earth dist.	-11802 Feb 03 j 17:14	19°♏40'44	0.29450 AU
morning rise	-11802 Feb 06 j 18:50	17°♏47'19	
direct	-11802 Feb 24 j 23:11	11°♏39'05	
greatest brilliancy	-11802 Mar 07 j 14:32	13°♏39'52	-4.7m
desc. node	-11802 Mar 31 j 08:22	28°♏30'30	
	-11802 Apr 02 j 03:12	0°♐	
morning max el	-11802 Apr 15 j 12:38	12°♐13'45	46°19'57
	-11802 May 02 j 19:23	0°♑	
	-11802 May 29 j 09:53	0°♒	
	-11802 Jun 23 j 11:25	0°♓	
	-11802 Jul 17 j 18:57	0°♈	
asc. node	-11802 Jul 20 j 11:56	3°♈22'26	
	-11802 Aug 10 j 18:28	0°♉	
	-11802 Sep 03 j 16:39	0°♊	
	-11802 Sep 27 j 17:49	0°♋	
morning set	-11802 Oct 20 j 04:26	27°♋46'48	
	-11802 Oct 21 j 23:38	0°♌	
desc. node	-11802 Nov 10 j 18:55	24°♌21'25	
	-11802 Nov 15 j 09:18	0°♍	
superior conj	-11802 Nov 29 j 19:08	17°♍40'10	-0°40'45
minimum elong	-11802 Nov 29 j 11:07	17°♍15'39	0°40'14
max. Earth dist.	-11802 Nov 30 j 05:43	18°♍12'36	1.73591 AU
	-11802 Dec 09 j 20:36	0°♎	
	-11801 Jan 03 j 07:42	0°♏	
evening rise	-11801 Jan 06 j 01:35	3°♏22'02	
greatest brilliancy	-11801 Jan 23 j 09:10	24°♏37'01	-3.9m
	-11801 Jan 27 j 18:27	0°♐	
	-11801 Feb 21 j 06:18	0°♑	
asc. node	-11801 Mar 01 j 22:42	10°♑36'11	
	-11801 Mar 17 j 21:22	0°♒	
	-11801 Apr 11 j 17:34	0°♓	
	-11801 May 06 j 21:32	0°♈	
	-11801 Jun 01 j 15:57	0°♉	
desc. node	-11801 Jun 23 j 13:39	24°♉22'04	
	-11801 Jun 28 j 20:48	0°♊	
evening max el	-11801 Jul 04 j 15:09	5°♊57'29	47°54'35
	-11801 Jul 31 j 12:39	0°♋	
greatest brilliancy	-11801 Aug 15 j 06:47	8°♋12'30	-4.9m
retrograde	-11801 Aug 24 j 22:07	10°♋01'09	
evening set	-11801 Sep 10 j 06:42	4°♋35'42	
min. Earth dist.	-11801 Sep 14 j 05:10	2°♋08'31	0.27362 AU
inferior conj	-11801 Sep 14 j 17:47	1°♋48'26	-6°10'49
minimum elong	-11801 Sep 15 j 03:24	1°♋33'09	6°08'04
	-11801 Sep 17 j 14:47	30°℞♊	
morning rise	-11801 Sep 20 j 00:37	28°♊33'58	
direct	-11801 Oct 05 j 03:36	23°♊54'24	
asc. node	-11801 Oct 12 j 22:42	25°♊05'48	
greatest brilliancy	-11801 Oct 14 j 11:55	25°♊35'35	-4.8m
	-11801 Oct 23 j 18:19	0°♋	
morning max el	-11801 Nov 23 j 13:53	25°♋20'59	46°07'19
	-11801 Nov 28 j 06:52	0°♌	
	-11801 Dec 26 j 16:24	0°♍	
	-11800 Jan 22 j 10:00	0°♎	
desc. node	-11800 Feb 03 j 09:50	13°♎48'45	
	-11800 Feb 17 j 06:13	0°♏	
	-11800 Mar 13 j 10:01	0°♐	
	-11800 Apr 07 j 00:22	0°♑	
	-11800 May 01 j 04:28	0°♒	
morning set	-11800 May 17 j 07:30	20°♒13'39	
asc. node	-11800 May 24 j 10:30	29°♒11'58	
	-11800 May 25 j 01:45	0°♓	
	-11800 Jun 17 j 19:31	0°♈	
superior conj	-11800 Jun 24 j 18:39	8°♈48'37	1°04'03
minimum elong	-11800 Jun 24 j 08:30	8°♈16'31	1°03'49

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

max. Earth dist.	-11800 Jun 25 j 20:24	10°♈10'01	1.70733 AU	
	-11800 Jul 11 j 12:49	0°♉		
	-11800 Aug 04 j 08:20	0°♊		
evening rise	-11800 Aug 05 j 01:30	0°♊53'56		
	-11800 Aug 28 j 08:00	0°♋		
desc. node	-11800 Sep 14 j 19:31	21°♋41'50		
	-11800 Sep 21 j 12:51	0°♌		
	-11800 Oct 15 j 23:25	0°♍		
	-11800 Nov 09 j 17:07	0°♎		
	-11800 Dec 04 j 22:31	0°♏		
	-11800 Dec 31 j 02:45	0°♐		
asc. node	-11799 Jan 04 j 03:31	4°♐28'07		
	-11799 Jan 28 j 09:27	0°♑		
evening max el	-11799 Feb 04 j 18:49	7°♑09'55	45°03'08	
	-11799 Mar 05 j 19:07	0°♒		
greatest brilliancy	-11799 Mar 15 j 02:55	4°♒15'48	-4.7m	
retrograde	-11799 Mar 25 j 00:26	5°♒58'38		
evening set	-11799 Apr 09 j 03:34	1°♒45'14		
	-11799 Apr 12 j 07:34	30°♓♑		
inferior conj	-11799 Apr 15 j 01:45	28°♑22'24	2°57'50	
minimum elong	-11799 Apr 15 j 08:02	28°♑13'02	2°55'30	
min. Earth dist.	-11799 Apr 16 j 03:29	27°♑44'03	0.27460 AU	
morning rise	-11799 Apr 21 j 11:28	24°♑42'19		
desc. node	-11799 Apr 27 j 19:28	21°♑56'58		
direct	-11799 May 06 j 09:35	20°♑30'36		
greatest brilliancy	-11799 May 18 j 03:06	22°♑59'53	-4.8m	
	-11799 May 30 j 13:47	0°♒		
morning max el	-11799 Jun 25 j 19:55	23°♒03'55	46°40'03	
	-11799 Jul 02 j 12:44	0°♓		
	-11799 Jul 29 j 08:41	0°♈		
asc. node	-11799 Aug 17 j 01:13	22°♈09'12		
	-11799 Aug 23 j 13:18	0°♉		
	-11799 Sep 17 j 03:56	0°♊		
	-11799 Oct 11 j 15:42	0°♋		
	-11799 Nov 05 j 05:27	0°♌		
	-11799 Nov 29 j 21:40	0°♍		
desc. node	-11799 Dec 08 j 08:44	10°♍16'28		
	-11799 Dec 24 j 14:08	0°♎		
morning set	-11799 Dec 31 j 15:29	8°♎35'37		
	-11798 Jan 18 j 04:07	0°♏		
max. Earth dist.	-11798 Feb 02 j 01:19	18°♏15'34	1.73626 AU	
superior conj	-11798 Feb 05 j 22:26	23°♏01'51	-1°20'06	
minimum elong	-11798 Feb 05 j 23:54	23°♏06'21	1°20'37	
	-11798 Feb 11 j 14:15	0°♐		
	-11798 Mar 07 j 20:58	0°♑		
evening rise	-11798 Mar 12 j 21:27	6°♑12'58		
asc. node	-11798 Mar 29 j 10:34	26°♑43'46		
	-11798 Apr 01 j 01:52	0°♒		
	-11798 Apr 25 j 06:35	0°♓		
	-11798 May 19 j 12:32	0°♈		
	-11798 Jun 12 j 21:36	0°♉		
	-11798 Jul 07 j 13:04	0°♊		
desc. node	-11798 Jul 20 j 23:35	16°♊07'25		
	-11798 Aug 01 j 17:16	0°♋		
	-11798 Aug 28 j 00:22	0°♌		
evening max el	-11798 Sep 13 j 09:30	17°♌23'02	46°45'44	
	-11798 Sep 26 j 11:55	0°♍		
greatest brilliancy	-11798 Oct 22 j 18:59	18°♍13'23	-4.8m	
retrograde	-11798 Nov 02 j 19:57	20°♍32'20		
asc. node	-11798 Nov 09 j 09:38	19°♍38'17		
evening set	-11798 Nov 17 j 21:46	15°♍56'07		
min. Earth dist.	-11798 Nov 23 j 13:25	12°♍25'23	0.28925 AU	
inferior conj	-11798 Nov 24 j 01:06	12°♍06'23	3°17'22	
minimum elong	-11798 Nov 23 j 18:52	12°♍16'31	3°15'57	
morning rise	-11798 Nov 29 j 16:32	8°♍34'30		
direct	-11798 Dec 15 j 10:52	3°♍41'58		
greatest brilliancy	-11798 Dec 24 j 10:54	5°♍10'58	-4.7m	
	-11797 Jan 29 j 15:58	0°♎		
morning max el	-11797 Feb 02 j 03:16	3°♎14'03	46°00'37	
	-11797 Feb 28 j 10:58	0°♏		
desc. node	-11797 Mar 02 j 22:44	2°♏41'20		
	-11797 Mar 27 j 08:08	0°♐		
	-11797 Apr 21 j 19:50	0°♑		
	-11797 May 16 j 11:04	0°♒		
	-11797 Jun 09 j 13:31	0°♓		
asc. node	-11797 Jun 22 j 00:19	15°♓39'23		
	-11797 Jul 03 j 08:55	0°♈		
	-11797 Jul 27 j 01:54	0°♉		
morning set	-11797 Jul 31 j 16:22	5°♉49'19		
	-11797 Aug 19 j 20:15	0°♊		
superior conj	-11797 Sep 12 j 00:56	29°♊04'52	1°02'37	
minimum elong	-11797 Sep 12 j 12:47	29°♊41'52	1°02'55	
	-11797 Sep 12 j 18:36	0°♋		
max. Earth dist.	-11797 Sep 19 j 11:29	8°♋21'22	1.71815 AU	
	-11797 Oct 06 j 21:53	0°♌		
desc. node	-11797 Oct 13 j 07:56	7°♌56'17		
evening rise	-11797 Oct 24 j 21:24	22°♌11'55		
	-11797 Oct 31 j 05:29	0°♍		
	-11797 Nov 24 j 16:15	0°♎		
	-11797 Dec 19 j 06:13	0°♏		
	-11796 Jan 13 j 01:40	0°♐		
asc. node	-11796 Feb 01 j 13:54	23°♐15'24		
	-11796 Feb 07 j 07:11	0°♑		
	-11796 Mar 04 j 05:32	0°♒		
	-11796 Mar 31 j 09:42	0°♓		
evening max el	-11796 Apr 19 j 04:03	19°♓12'46	46°40'36	
	-11796 Apr 30 j 18:06	0°♈		
desc. node	-11796 May 25 j 05:58	17°♈21'27		
greatest brilliancy	-11796 May 29 j 20:24	19°♈14'13	-4.9m	
retrograde	-11796 Jun 08 j 09:29	20°♈56'01		
evening set	-11796 Jun 24 j 10:30	16°♈02'26		
min. Earth dist.	-11796 Jun 28 j 12:11	13°♈40'17	0.26407 AU	
inferior conj	-11796 Jun 29 j 03:44	13°♈17'00	-7°21'45	
minimum elong	-11796 Jun 28 j 18:13	13°♈31'16	7°20'01	
morning rise	-11796 Jul 03 j 01:56	10°♈58'28		
direct	-11796 Jul 19 j 08:52	5°♈49'42		
greatest brilliancy	-11796 Jul 29 j 15:52	7°♈49'59	-4.9m	
	-11796 Aug 29 j 15:28	0°♉		
morning max el	-11796 Sep 07 j 19:57	9°♉01'52	46°32'05	
asc. node	-11796 Sep 13 j 13:38	14°♉58'27		
	-11796 Sep 27 j 10:24	0°♊		
	-11796 Oct 23 j 17:59	0°♋		
	-11796 Nov 18 j 08:51	0°♌		
	-11796 Dec 13 j 17:55	0°♍		
desc. node	-11795 Jan 04 j 22:24	26°♍24'36		
	-11795 Jan 07 j 22:27	0°♎		
	-11795 Feb 01 j 20:42	0°♏		
	-11795 Feb 26 j 11:19	0°♐		
morning set	-11795 Mar 08 j 17:20	12°♐36'35		
	-11795 Mar 22 j 18:39	0°♑		
max. Earth dist.	-11795 Apr 08 j 15:19	20°♑59'05	1.72201 AU	
superior conj	-11795 Apr 12 j 20:05	26°♑13'45	-0°29'45	
minimum elong	-11795 Apr 13 j 01:34	26°♑30'51	0°30'08	
	-11795 Apr 15 j 20:29	0°♒		
asc. node	-11795 Apr 25 j 23:23	12°♒40'14		
	-11795 May 09 j 18:59	0°♓		
evening rise	-11795 May 19 j 06:43	11°♓55'06		
	-11795 Jun 02 j 16:13	0°♈		
	-11795 Jun 26 j 14:12	0°♉		
	-11795 Jul 20 j 15:09	0°♊		
	-11795 Aug 13 j 21:28	0°♋		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

desc. node	-11795 Aug 17 j 10:16	4°♋20'22	
	-11795 Sep 07 j 11:52	0°♌	
	-11795 Oct 02 j 15:08	0°♍	
	-11795 Oct 28 j 19:21	0°♎	
evening max el	-11795 Nov 22 j 20:42	26°♎20'00	45°08'00
	-11795 Nov 26 j 16:23	0°♏	
asc. node	-11795 Dec 06 j 19:50	9°♏04'15	
greatest brilliancy	-11795 Dec 30 j 04:02	24°♏02'00	-4.7m
retrograde	-11794 Jan 10 j 05:41	26°♏14'06	
evening set	-11794 Jan 27 j 18:16	20°♏26'00	
inferior conj	-11794 Jan 31 j 15:31	18°♏02'21	8°06'19
minimum elong	-11794 Jan 31 j 14:47	18°♏03'31	8°05'50
min. Earth dist.	-11794 Feb 01 j 08:24	17°♏35'53	0.29479 AU
morning rise	-11794 Feb 04 j 11:09	15°♏40'32	
direct	-11794 Feb 22 j 16:39	9°♏31'09	
greatest brilliancy	-11794 Mar 05 j 04:51	11°♏29'30	-4.7m
desc. node	-11794 Mar 30 j 10:35	27°♏30'57	
	-11794 Apr 02 j 08:07	0°♐	
morning max el	-11794 Apr 13 j 05:31	10°♐04'08	46°19'05
	-11794 May 02 j 12:52	0°♑	
	-11794 May 29 j 00:16	0°♒	
	-11794 Jun 23 j 00:29	0°♓	
	-11794 Jul 17 j 07:20	0°♈	
asc. node	-11794 Jul 19 j 14:03	2°♈50'34	
	-11794 Aug 10 j 06:28	0°♉	
	-11794 Sep 03 j 04:25	0°♊	
	-11794 Sep 27 j 05:23	0°♋	
morning set	-11794 Oct 17 j 15:41	25°♋18'17	
	-11794 Oct 21 j 11:00	0°♌	
desc. node	-11794 Nov 09 j 21:07	23°♌53'42	
	-11794 Nov 14 j 20:30	0°♍	
superior conj	-11794 Nov 27 j 09:45	15°♍23'43	-0°37'51
minimum elong	-11794 Nov 27 j 02:06	15°♍00'13	0°37'20
max. Earth dist.	-11794 Nov 28 j 03:44	16°♍18'48	1.73558 AU
	-11794 Dec 09 j 07:42	0°♎	
	-11793 Jan 02 j 18:49	0°♏	
evening rise	-11793 Jan 03 j 20:10	1°♏17'45	
greatest brilliancy	-11793 Jan 22 j 12:37	24°♏13'10	-3.9m
	-11793 Jan 27 j 05:42	0°♐	
	-11793 Feb 20 j 17:52	0°♑	
asc. node	-11793 Mar 01 j 01:00	10°♑07'31	
	-11793 Mar 17 j 09:27	0°♒	
	-11793 Apr 11 j 06:26	0°♓	
	-11793 May 06 j 11:40	0°♈	
	-11793 Jun 01 j 08:17	0°♉	
desc. node	-11793 Jun 22 j 15:44	23°♉34'10	
	-11793 Jun 28 j 18:17	0°♊	
evening max el	-11793 Jul 02 j 07:15	3°♊38'01	47°54'23
	-11793 Aug 01 j 15:23	0°♋	
greatest brilliancy	-11793 Aug 12 j 21:47	5°♋48'02	-4.9m
retrograde	-11793 Aug 22 j 13:04	7°♋36'02	
evening set	-11793 Sep 08 j 00:05	2°♋06'56	
	-11793 Sep 11 j 09:37	30°℞♊	
inferior conj	-11793 Sep 12 j 08:08	29°♊24'11	-6°26'30
minimum elong	-11793 Sep 12 j 17:47	29°♊08'52	6°23'49
min. Earth dist.	-11793 Sep 11 j 19:05	29°♊44'57	0.27317 AU
morning rise	-11793 Sep 17 j 12:01	26°♊14'17	
direct	-11793 Oct 02 j 17:57	21°♊31'39	
greatest brilliancy	-11793 Oct 12 j 01:37	23°♊12'28	-4.8m
asc. node	-11793 Oct 12 j 01:06	23°♊12'01	
	-11793 Oct 25 j 02:15	0°♋	
morning max el	-11793 Nov 21 j 04:44	23°♋03'36	46°07'55
	-11793 Nov 28 j 04:01	0°♌	
	-11793 Dec 26 j 08:08	0°♍	
	-11792 Jan 21 j 23:32	0°♎	
desc. node	-11792 Feb 02 j 12:03	13°♎17'33	
	-11792 Feb 16 j 18:38	0°♏	
	-11792 Mar 12 j 21:50	0°♐	
	-11792 Apr 06 j 11:51	0°♑	
	-11792 Apr 30 j 15:47	0°♒	
morning set	-11792 May 14 j 23:56	17°♒58'56	
asc. node	-11792 May 23 j 12:41	28°♒43'20	
	-11792 May 24 j 13:01	0°♓	
	-11792 Jun 17 j 06:49	0°♈	
superior conj	-11792 Jun 22 j 07:23	6°♈21'19	1°01'41
minimum elong	-11792 Jun 21 j 21:14	5°♈49'11	1°01'24
max. Earth dist.	-11792 Jun 22 j 22:26	7°♈08'52	1.70747 AU
	-11792 Jul 11 j 00:12	0°♉	
evening rise	-11792 Aug 02 j 09:32	28°♉12'23	
	-11792 Aug 03 j 19:49	0°♊	
	-11792 Aug 27 j 19:35	0°♋	
desc. node	-11792 Sep 13 j 21:48	21°♋12'45	
	-11792 Sep 21 j 00:35	0°♌	
	-11792 Oct 15 j 11:23	0°♍	
	-11792 Nov 09 j 05:31	0°♎	
	-11792 Dec 04 j 11:52	0°♏	
	-11792 Dec 30 j 18:13	0°♐	
asc. node	-11791 Jan 03 j 05:46	3°♐50'26	
	-11791 Jan 28 j 06:47	0°♑	
evening max el	-11791 Feb 02 j 08:14	4°♑52'08	45°01'12
	-11791 Mar 07 j 18:57	0°♒	
greatest brilliancy	-11791 Mar 12 j 16:27	1°♒58'00	-4.7m
retrograde	-11791 Mar 22 j 12:51	3°♒40'20	
	-11791 Apr 05 j 14:34	30°℞♑	
evening set	-11791 Apr 06 j 19:04	29°♑23'34	
inferior conj	-11791 Apr 12 j 15:16	26°♑03'21	3°17'39
minimum elong	-11791 Apr 12 j 22:07	25°♑53'07	3°15'11
min. Earth dist.	-11791 Apr 13 j 18:33	25°♑22'39	0.27537 AU
morning rise	-11791 Apr 19 j 00:02	22°♑23'50	
desc. node	-11791 Apr 26 j 21:46	19°♑08'24	
direct	-11791 May 03 j 23:30	18°♑09'41	
greatest brilliancy	-11791 May 15 j 18:28	20°♑39'39	-4.8m
	-11791 May 31 j 10:23	0°♒	
morning max el	-11791 Jun 23 j 08:55	20°♒37'01	46°39'56
	-11791 Jul 02 j 09:11	0°♓	
	-11791 Jul 29 j 00:30	0°♈	
asc. node	-11791 Aug 16 j 03:31	21°♈33'06	
	-11791 Aug 23 j 03:13	0°♉	
	-11791 Sep 16 j 16:51	0°♊	
	-11791 Oct 11 j 04:00	0°♋	
	-11791 Nov 04 j 17:19	0°♌	
	-11791 Nov 29 j 09:13	0°♍	
desc. node	-11791 Dec 07 j 10:44	9°♍47'46	
	-11791 Dec 24 j 01:26	0°♎	
morning set	-11791 Dec 29 j 08:17	6°♎26'19	
	-11790 Jan 17 j 15:16	0°♏	
max. Earth dist.	-11790 Jan 30 j 21:15	16°♏15'20	1.73655 AU
superior conj	-11790 Feb 03 j 18:02	21°♏00'27	-1°20'20
minimum elong	-11790 Feb 03 j 18:55	21°♏03'12	1°20'50
	-11790 Feb 11 j 01:19	0°♐	
	-11790 Mar 07 j 08:08	0°♑	
evening rise	-11790 Mar 10 j 17:14	4°♑10'59	
asc. node	-11790 Mar 28 j 12:54	26°♑15'49	
	-11790 Mar 31 j 13:15	0°♒	
	-11790 Apr 24 j 18:19	0°♓	
	-11790 May 19 j 00:43	0°♈	
	-11790 Jun 12 j 10:19	0°♉	
	-11790 Jul 07 j 02:33	0°♊	
desc. node	-11790 Jul 20 j 01:54	15°♊32'21	
	-11790 Aug 01 j 08:04	0°♋	
	-11790 Aug 27 j 18:10	0°♌	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

evening max el	-11790 Sep 11 j 00:06	15°♌03'29	46°49'31
	-11790 Sep 26 j 16:44	0°♍	
greatest brilliancy	-11790 Oct 20 j 13:40	16°♍03'46	-4.8m
retrograde	-11790 Oct 31 j 13:19	18°♍22'05	
asc. node	-11790 Nov 08 j 11:52	17°♍02'49	
evening set	-11790 Nov 15 j 14:21	13°♍46'39	
inferior conj	-11790 Nov 21 j 18:27	9°♍56'06	3°00'02
minimum elong	-11790 Nov 21 j 12:40	10°♍05'29	2°58'46
min. Earth dist.	-11790 Nov 21 j 06:40	10°♍15'13	0.28875 AU
morning rise	-11790 Nov 27 j 11:31	6°♍21'51	
direct	-11790 Dec 13 j 02:46	1°♍32'16	
greatest brilliancy	-11790 Dec 22 j 03:45	3°♍02'00	-4.7m
	-11789 Jan 29 j 15:49	0°♎	
morning max el	-11789 Jan 30 j 19:23	1°♎04'48	46°00'25
	-11789 Feb 28 j 03:15	0°♏	
desc. node	-11789 Mar 02 j 00:58	2°♏03'59	
	-11789 Mar 26 j 21:53	0°♐	
	-11789 Apr 21 j 08:25	0°♑	
	-11789 May 15 j 23:05	0°♒	
greatest brilliancy	-11789 Jun 09 j 05:54	0°♓14'32	-3.9m
	-11789 Jun 09 j 01:16	0°♓	
asc. node	-11789 Jun 21 j 02:24	15°♓09'14	
	-11789 Jul 02 j 20:32	0°♈	
	-11789 Jul 26 j 13:26	0°♉	
morning set	-11789 Jul 29 j 02:08	3°♉11'59	
	-11789 Aug 19 j 07:43	0°♊	
superior conj	-11789 Sep 09 j 09:27	26°♊25'58	1°05'09
minimum elong	-11789 Sep 09 j 21:08	27°♊02'29	1°05'28
	-11789 Sep 12 j 06:00	0°♋	
max. Earth dist.	-11789 Sep 16 j 19:09	5°♋40'18	1.71740 AU
	-11789 Oct 06 j 09:14	0°♌	
desc. node	-11789 Oct 12 j 10:07	7°♌28'01	
evening rise	-11789 Oct 22 j 08:56	19°♌44'42	
	-11789 Oct 30 j 16:49	0°♍	
	-11789 Nov 24 j 03:39	0°♎	
	-11789 Dec 18 j 17:51	0°♏	
	-11788 Jan 12 j 13:49	0°♐	
asc. node	-11788 Jan 31 j 16:15	22°♐44'19	
	-11788 Feb 06 j 20:20	0°♑	
	-11788 Mar 03 j 20:34	0°♒	
	-11788 Mar 31 j 04:46	0°♓	
evening max el	-11788 Apr 16 j 16:54	16°♓47'38	46°36'40
	-11788 May 01 j 02:48	0°♈	
desc. node	-11788 May 24 j 08:05	15°♈33'11	
greatest brilliancy	-11788 May 27 j 06:48	16°♈41'20	-4.9m
retrograde	-11788 Jun 05 j 21:37	18°♈24'16	
evening set	-11788 Jun 21 j 17:56	13°♈36'31	
min. Earth dist.	-11788 Jun 26 j 00:12	11°♈08'21	0.26401 AU
inferior conj	-11788 Jun 26 j 15:17	10°♈45'51	-7°07'46
minimum elong	-11788 Jun 26 j 05:25	11°♈00'34	7°05'53
morning rise	-11788 Jun 30 j 16:56	8°♈22'56	
direct	-11788 Jul 16 j 21:10	3°♈18'36	
greatest brilliancy	-11788 Jul 27 j 05:00	5°♈20'01	-4.9m
	-11788 Aug 29 j 18:43	0°♉	
morning max el	-11788 Sep 05 j 09:44	6°♉35'18	46°32'59
asc. node	-11788 Sep 12 j 15:55	14°♉08'39	
	-11788 Sep 27 j 04:15	0°♊	
	-11788 Oct 23 j 08:44	0°♋	
	-11788 Nov 17 j 22:05	0°♌	
	-11788 Dec 13 j 06:12	0°♍	
desc. node	-11787 Jan 04 j 00:36	25°♍56'04	
	-11787 Jan 07 j 10:09	0°♎	
	-11787 Feb 01 j 08:01	0°♏	
	-11787 Feb 25 j 22:25	0°♐	
morning set	-11787 Mar 06 j 13:00	10°♐35'07	
	-11787 Mar 22 j 05:42	0°♑	
max. Earth dist.	-11787 Apr 06 j 08:53	18°♑49'40	1.72261 AU
superior conj	-11787 Apr 10 j 14:46	24°♑07'33	-0°32'34
minimum elong	-11787 Apr 10 j 20:38	24°♑25'52	0°32'56
	-11787 Apr 15 j 07:34	0°♒	
asc. node	-11787 Apr 25 j 01:32	12°♒12'06	
	-11787 May 09 j 06:12	0°♓	
evening rise	-11787 May 16 j 22:54	9°♓39'42	
	-11787 Jun 02 j 03:37	0°♈	
	-11787 Jun 26 j 01:51	0°♉	
	-11787 Jul 20 j 03:06	0°♊	
	-11787 Aug 13 j 09:47	0°♋	
desc. node	-11787 Aug 16 j 12:35	3°♋49'32	
	-11787 Sep 07 j 00:43	0°♌	
	-11787 Oct 02 j 04:58	0°♍	
	-11787 Oct 28 j 11:29	0°♎	
evening max el	-11787 Nov 20 j 13:33	24°♎10'57	45°10'18
	-11787 Nov 26 j 16:17	0°♏	
asc. node	-11787 Dec 05 j 22:03	8°♏05'36	
greatest brilliancy	-11787 Dec 27 j 20:23	21°♏55'37	-4.7m
retrograde	-11786 Jan 07 j 22:55	24°♏08'22	
evening set	-11786 Jan 25 j 10:33	18°♏21'12	
inferior conj	-11786 Jan 29 j 08:41	15°♏55'43	8°05'19
minimum elong	-11786 Jan 29 j 07:18	15°♏57'54	8°04'49
min. Earth dist.	-11786 Jan 29 j 24:00	15°♏31'38	0.29505 AU
morning rise	-11786 Feb 02 j 03:56	13°♏34'04	
direct	-11786 Feb 20 j 10:16	7°♏24'12	
greatest brilliancy	-11786 Mar 02 j 19:17	9°♏19'46	-4.7m
desc. node	-11786 Mar 29 j 12:49	26°♏32'58	
	-11786 Apr 02 j 11:16	0°♐	
morning max el	-11786 Apr 10 j 22:00	7°♐53'42	46°18'04
	-11786 May 02 j 06:01	0°♑	
	-11786 May 28 j 14:32	0°♒	
	-11786 Jun 22 j 13:28	0°♓	
	-11786 Jul 16 j 19:38	0°♈	
asc. node	-11786 Jul 18 j 16:21	2°♈19'31	
	-11786 Aug 09 j 18:23	0°♉	
	-11786 Sep 02 j 16:06	0°♊	
	-11786 Sep 26 j 16:53	0°♋	
morning set	-11786 Oct 15 j 02:51	22°♋49'33	
	-11786 Oct 20 j 22:20	0°♌	
desc. node	-11786 Nov 08 j 23:09	23°♌25'36	
	-11786 Nov 14 j 07:39	0°♍	
superior conj	-11786 Nov 25 j 00:18	13°♍07'07	-0°34'52
minimum elong	-11786 Nov 24 j 17:03	12°♍44'52	0°34'21
max. Earth dist.	-11786 Nov 26 j 02:00	14°♍25'55	1.73519 AU
	-11786 Dec 08 j 18:44	0°♎	
evening rise	-11785 Jan 01 j 14:48	29°♎13'56	
	-11785 Jan 02 j 05:49	0°♏	
greatest brilliancy	-11785 Jan 21 j 16:14	23°♏50'15	-3.9m
	-11785 Jan 26 j 16:51	0°♐	
	-11785 Feb 20 j 05:19	0°♑	
asc. node	-11785 Feb 28 j 03:20	9°♑39'14	
	-11785 Mar 16 j 21:26	0°♒	
	-11785 Apr 10 j 19:17	0°♓	
	-11785 May 06 j 01:51	0°♈	
	-11785 Jun 01 j 00:49	0°♉	
desc. node	-11785 Jun 21 j 18:06	22°♉46'34	
	-11785 Jun 28 j 16:27	0°♊	
evening max el	-11785 Jun 29 j 22:44	1°♊17'10	47°54'03
	-11785 Aug 03 j 04:50	0°♋	
greatest brilliancy	-11785 Aug 10 j 13:14	3°♋24'22	-4.9m
retrograde	-11785 Aug 20 j 03:31	5°♋11'01	
	-11785 Sep 05 j 03:06	30°℞♊	
evening set	-11785 Sep 05 j 17:29	29°♊38'30	
inferior conj	-11785 Sep 09 j 22:28	27°♊00'19	-6°41'28

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

minimum elong	-11785 Sep 10 j 08:04	26°♊45'03	6°38'52
min. Earth dist.	-11785 Sep 09 j 09:14	27°♊21'24	0.27271 AU
morning rise	-11785 Sep 14 j 23:11	23°♊54'59	
direct	-11785 Sep 30 j 07:53	19°♊09'14	
greatest brilliancy	-11785 Oct 09 j 15:40	20°♊49'57	-4.8m
asc. node	-11785 Oct 11 j 03:19	21°♊22'51	
	-11785 Oct 26 j 01:04	0°♋	
morning max el	-11785 Nov 18 j 18:49	20°♋44'30	46°08'33
	-11785 Nov 28 j 00:19	0°♌	
	-11785 Dec 25 j 23:28	0°♍	
	-11784 Jan 21 j 12:47	0°♎	
desc. node	-11784 Feb 01 j 14:15	12°♎47'03	
	-11784 Feb 16 j 06:47	0°♏	
	-11784 Mar 12 j 09:22	0°♐	
	-11784 Apr 05 j 23:04	0°♑	
	-11784 Apr 30 j 02:52	0°♒	
morning set	-11784 May 12 j 16:28	15°♒45'09	
asc. node	-11784 May 22 j 14:49	28°♒15'08	
	-11784 May 24 j 00:06	0°♓	
	-11784 Jun 16 j 17:59	0°♈	
superior conj	-11784 Jun 19 j 20:07	3°♈54'26	0°59'11
minimum elong	-11784 Jun 19 j 10:00	3°♈22'29	0°58'51
max. Earth dist.	-11784 Jun 20 j 00:09	4°♈07'12	1.70770 AU
	-11784 Jul 10 j 11:28	0°♉	
evening rise	-11784 Jul 30 j 17:29	25°♉30'59	
	-11784 Aug 03 j 07:09	0°♊	
	-11784 Aug 27 j 07:00	0°♋	
desc. node	-11784 Sep 12 j 23:58	20°♋43'53	
	-11784 Sep 20 j 12:07	0°♌	
	-11784 Oct 14 j 23:10	0°♍	
	-11784 Nov 08 j 17:47	0°♎	
	-11784 Dec 04 j 01:07	0°♏	
	-11784 Dec 30 j 09:39	0°♐	
asc. node	-11783 Jan 02 j 08:12	3°♐13'40	
	-11783 Jan 28 j 04:31	0°♑	
evening max el	-11783 Jan 30 j 21:33	2°♑35'08	44°59'34
greatest brilliancy	-11783 Mar 10 j 05:34	29°♑41'25	-4.7m
	-11783 Mar 11 j 04:48	0°♒	
retrograde	-11783 Mar 20 j 01:56	1°♒24'11	
	-11783 Mar 28 j 16:02	30°℞♑	
evening set	-11783 Apr 04 j 10:54	27°♑03'35	
inferior conj	-11783 Apr 10 j 05:02	23°♑46'10	3°36'50
minimum elong	-11783 Apr 10 j 12:25	23°♑35'09	3°34'15
min. Earth dist.	-11783 Apr 11 j 09:38	23°♑03'29	0.27617 AU
morning rise	-11783 Apr 16 j 12:44	20°♑07'45	
desc. node	-11783 Apr 25 j 23:51	16°♑27'13	
direct	-11783 May 01 j 13:39	15°♑50'35	
greatest brilliancy	-11783 May 13 j 10:11	18°♑21'39	-4.8m
	-11783 Jun 01 j 01:15	0°♒	
morning max el	-11783 Jun 20 j 22:56	18°♒13'49	46°39'35
	-11783 Jul 02 j 04:44	0°♓	
	-11783 Jul 28 j 15:53	0°♈	
asc. node	-11783 Aug 15 j 05:44	20°♈57'35	
	-11783 Aug 22 j 16:50	0°♉	
	-11783 Sep 16 j 05:30	0°♊	
	-11783 Oct 10 j 16:02	0°♋	
	-11783 Nov 04 j 04:55	0°♌	
	-11783 Nov 28 j 20:29	0°♍	
desc. node	-11783 Dec 06 j 12:56	9°♍20'30	
	-11783 Dec 23 j 12:29	0°♎	
morning set	-11783 Dec 27 j 00:49	4°♎16'55	
	-11782 Jan 17 j 02:09	0°♏	
max. Earth dist.	-11782 Jan 28 j 18:09	14°♏18'46	1.73682 AU
superior conj	-11782 Feb 01 j 13:36	18°♏59'48	-1°20'28
minimum elong	-11782 Feb 01 j 13:56	19°♏00'48	1°20'57
	-11782 Feb 10 j 12:09	0°♐	
	-11782 Mar 06 j 19:01	0°♑	
evening rise	-11782 Mar 08 j 13:13	2°♑10'34	
asc. node	-11782 Mar 27 j 15:06	25°♑48'24	
	-11782 Mar 31 j 00:20	0°♒	
	-11782 Apr 24 j 05:44	0°♓	
	-11782 May 18 j 12:35	0°♈	
	-11782 Jun 11 j 22:46	0°♉	
	-11782 Jul 06 j 15:51	0°♊	
desc. node	-11782 Jul 19 j 04:10	14°♊57'37	
	-11782 Jul 31 j 22:51	0°♋	
	-11782 Aug 27 j 12:12	0°♌	
evening max el	-11782 Sep 08 j 15:30	12°♌46'18	46°53'20
	-11782 Sep 26 j 23:32	0°♍	
greatest brilliancy	-11782 Oct 18 j 07:42	13°♍53'18	-4.8m
retrograde	-11782 Oct 29 j 06:56	16°♍11'34	
asc. node	-11782 Nov 07 j 14:04	14°♍22'25	
evening set	-11782 Nov 13 j 06:49	11°♍36'38	
inferior conj	-11782 Nov 19 j 11:31	7°♍45'28	2°42'19
minimum elong	-11782 Nov 19 j 06:14	7°♍54'02	2°41'09
min. Earth dist.	-11782 Nov 18 j 23:26	8°♍05'02	0.28824 AU
morning rise	-11782 Nov 25 j 06:12	4°♍09'09	
	-11782 Dec 05 j 04:57	30°℞♌	
direct	-11782 Dec 10 j 18:41	29°♌22'15	
	-11782 Dec 16 j 13:11	0°♍	
greatest brilliancy	-11782 Dec 19 j 19:59	0°♍52'32	-4.7m
morning max el	-11781 Jan 28 j 12:14	28°♍57'56	46°00'16
	-11781 Jan 29 j 14:25	0°♎	
	-11781 Feb 27 j 19:01	0°♏	
desc. node	-11781 Mar 01 j 03:05	1°♏27'20	
	-11781 Mar 26 j 11:16	0°♐	
	-11781 Apr 20 j 20:40	0°♑	
	-11781 May 15 j 10:46	0°♒	
	-11781 Jun 08 j 12:39	0°♓	
greatest brilliancy	-11781 Jun 11 j 19:00	4°♓06'02	-3.9m
asc. node	-11781 Jun 20 j 04:46	14°♓41'06	
	-11781 Jul 02 j 07:47	0°♈	
	-11781 Jul 26 j 00:38	0°♉	
morning set	-11781 Jul 26 j 12:10	0°♉36'31	
	-11781 Aug 18 j 18:54	0°♊	
superior conj	-11781 Sep 06 j 17:37	23°♊46'30	1°07'33
minimum elong	-11781 Sep 07 j 05:01	24°♊22'09	1°07'54
	-11781 Sep 11 j 17:11	0°♋	
max. Earth dist.	-11781 Sep 14 j 01:48	2°♋56'37	1.71674 AU
	-11781 Oct 05 j 20:24	0°♌	
desc. node	-11781 Oct 11 j 12:13	7°♌00'03	
evening rise	-11781 Oct 19 j 19:45	17°♌15'49	
	-11781 Oct 30 j 03:59	0°♍	
	-11781 Nov 23 j 14:52	0°♎	
	-11781 Dec 18 j 05:18	0°♏	
	-11780 Jan 12 j 01:49	0°♐	
asc. node	-11780 Jan 30 j 18:32	22°♐13'31	
	-11780 Feb 06 j 09:22	0°♑	
	-11780 Mar 03 j 11:35	0°♒	
	-11780 Mar 31 j 00:03	0°♓	
evening max el	-11780 Apr 14 j 06:56	14°♓26'27	46°32'52
	-11780 May 01 j 13:52	0°♈	
desc. node	-11780 May 23 j 10:26	13°♈42'16	
greatest brilliancy	-11780 May 24 j 17:14	14°♈10'06	-4.9m
retrograde	-11780 Jun 03 j 09:58	15°♈54'00	
evening set	-11780 Jun 19 j 01:41	11°♈12'15	
min. Earth dist.	-11780 Jun 23 j 12:15	8°♈38'15	0.26392 AU
inferior conj	-11780 Jun 24 j 02:56	8°♈16'22	-6°52'58
minimum elong	-11780 Jun 23 j 16:50	8°♈31'25	6°50'58
morning rise	-11780 Jun 28 j 08:04	5°♈48'59	
direct	-11780 Jul 14 j 09:56	0°♈49'27	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

greatest brilliancy	-11780 Jul 24 j 17:46	2°♈51'10	-4.9m	
	-11780 Aug 29 j 20:03	0°♉		
morning max el	-11780 Sep 02 j 23:22	4°♉09'30	46°33'34	
asc. node	-11780 Sep 11 j 18:08	13°♉20'34		
	-11780 Sep 26 j 21:25	0°♊		
	-11780 Oct 22 j 23:08	0°♋		
	-11780 Nov 17 j 11:04	0°♌		
	-11780 Dec 12 j 18:19	0°♍		
desc. node	-11779 Jan 03 j 02:50	25°♍28'06		
	-11779 Jan 06 j 21:40	0°♎		
	-11779 Jan 31 j 19:10	0°♏		
	-11779 Feb 25 j 09:22	0°♐		
morning set	-11779 Mar 04 j 08:23	8°♐33'23		
	-11779 Mar 21 j 16:35	0°♑		
max. Earth dist.	-11779 Apr 04 j 00:35	16°♑35'01	1.72321 AU	
superior conj	-11779 Apr 08 j 09:25	22°♑01'52	-0°35'19	
minimum elong	-11779 Apr 08 j 15:38	22°♑21'15	0°35'41	
	-11779 Apr 14 j 18:31	0°♒		
asc. node	-11779 Apr 24 j 03:43	11°♒44'31		
	-11779 May 08 j 17:17	0°♓		
evening rise	-11779 May 14 j 15:13	7°♓25'21		
	-11779 Jun 01 j 14:52	0°♈		
	-11779 Jun 25 j 13:18	0°♉		
	-11779 Jul 19 j 14:49	0°♊		
	-11779 Aug 12 j 21:51	0°♋		
desc. node	-11779 Aug 15 j 14:45	3°♋19'02		
	-11779 Sep 06 j 13:21	0°♌		
	-11779 Oct 01 j 18:42	0°♍		
	-11779 Oct 28 j 03:46	0°♎		
evening max el	-11779 Nov 18 j 05:53	22°♎00'35	45°12'31	
	-11779 Nov 26 j 17:22	0°♏		
asc. node	-11779 Dec 05 j 00:31	7°♏06'03		
greatest brilliancy	-11779 Dec 25 j 13:12	19°♏49'26	-4.7m	
retrograde	-11778 Jan 05 j 15:31	22°♏02'16		
evening set	-11778 Jan 23 j 02:27	16°♏16'32		
inferior conj	-11778 Jan 27 j 01:45	13°♏48'53	8°03'32	
minimum elong	-11778 Jan 26 j 23:43	13°♏52'07	8°03'02	
min. Earth dist.	-11778 Jan 27 j 15:50	13°♏26'40	0.29527 AU	
morning rise	-11778 Jan 30 j 20:51	11°♏27'00		
direct	-11778 Feb 18 j 03:25	5°♏17'03		
greatest brilliancy	-11778 Feb 28 j 10:06	7°♏10'18	-4.7m	
desc. node	-11778 Mar 28 j 14:59	25°♏36'09		
	-11778 Apr 02 j 12:57	0°♐		
morning max el	-11778 Apr 08 j 13:22	5°♐40'47	46°17'04	
	-11778 May 01 j 22:46	0°♑		
	-11778 May 28 j 04:36	0°♒		
	-11778 Jun 22 j 02:17	0°♓		
	-11778 Jul 16 j 07:47	0°♈		
asc. node	-11778 Jul 17 j 18:30	1°♈48'21		
	-11778 Aug 09 j 06:09	0°♉		
	-11778 Sep 02 j 03:37	0°♊		
	-11778 Sep 26 j 04:12	0°♋		
morning set	-11778 Oct 12 j 14:15	20°♋21'53		
	-11778 Oct 20 j 09:28	0°♌		
desc. node	-11778 Nov 08 j 01:23	22°♌58'35		
	-11778 Nov 13 j 18:40	0°♍		
superior conj	-11778 Nov 22 j 14:43	10°♍50'25	-0°31'50	
minimum elong	-11778 Nov 22 j 07:57	10°♍29'38	0°31'17	
max. Earth dist.	-11778 Nov 23 j 23:44	12°♍31'39	1.73482 AU	
	-11778 Dec 08 j 05:41	0°♎		
evening rise	-11778 Dec 30 j 09:07	27°♎09'11		
	-11777 Jan 01 j 16:49	0°♏		
greatest brilliancy	-11777 Jan 21 j 00:50	23°♏42'39	-3.9m	
	-11777 Jan 26 j 03:59	0°♐		
	-11777 Feb 19 j 16:47	0°♑		
asc. node	-11777 Feb 27 j 05:31	9°♑10'29		
	-11777 Mar 16 j 09:29	0°♒		
	-11777 Apr 10 j 08:14	0°♓		
	-11777 May 05 j 16:12	0°♈		
	-11777 May 31 j 17:40	0°♉		
desc. node	-11777 Jun 20 j 20:25	21°♉57'59		
evening max el	-11777 Jun 27 j 13:18	28°♉53'48	47°53'36	
	-11777 Jun 28 j 15:30	0°♊		
	-11777 Aug 05 j 15:00	0°♋		
greatest brilliancy	-11777 Aug 08 j 05:14	1°♋01'14	-4.9m	
retrograde	-11777 Aug 17 j 17:33	2°♋46'07		
	-11777 Aug 29 j 05:57	30°℞♊		
evening set	-11777 Sep 03 j 10:51	27°♊10'12		
min. Earth dist.	-11777 Sep 06 j 23:40	24°♊57'39	0.27223 AU	
inferior conj	-11777 Sep 07 j 12:49	24°♊36'44	-6°55'42	
minimum elong	-11777 Sep 07 j 22:17	24°♊21'40	6°53'15	
morning rise	-11777 Sep 12 j 10:11	21°♊36'10		
direct	-11777 Sep 27 j 21:16	16°♊46'56		
greatest brilliancy	-11777 Oct 07 j 06:09	18°♊28'12	-4.8m	
asc. node	-11777 Oct 10 j 05:32	19°♊38'12		
	-11777 Oct 26 j 17:46	0°♋		
morning max el	-11777 Nov 16 j 08:27	18°♋24'25	46°09'16	
	-11777 Nov 27 j 19:52	0°♌		
	-11777 Dec 25 j 14:32	0°♍		
	-11776 Jan 21 j 01:56	0°♎		
desc. node	-11776 Jan 31 j 16:17	12°♎16'09		
	-11776 Feb 15 j 18:57	0°♏		
	-11776 Mar 11 j 20:59	0°♐		
	-11776 Apr 05 j 10:22	0°♑		
	-11776 Apr 29 j 14:02	0°♒		
morning set	-11776 May 10 j 08:57	13°♒31'09		
asc. node	-11776 May 21 j 17:08	27°♒47'16		
	-11776 May 23 j 11:15	0°♓		
	-11776 Jun 16 j 05:13	0°♈		
superior conj	-11776 Jun 17 j 08:51	1°♈27'24	0°56'34	
minimum elong	-11776 Jun 16 j 22:52	0°♈55'51	0°56'12	
max. Earth dist.	-11776 Jun 17 j 05:03	1°♈15'22	1.70798 AU	
	-11776 Jul 09 j 22:48	0°♉		
evening rise	-11776 Jul 28 j 01:41	22°♉50'04		
	-11776 Aug 02 j 18:35	0°♊		
	-11776 Aug 26 j 18:31	0°♋		
desc. node	-11776 Sep 12 j 02:08	20°♋14'43		
	-11776 Sep 19 j 23:45	0°♌		
	-11776 Oct 14 j 11:01	0°♍		
	-11776 Nov 08 j 06:06	0°♎		
	-11776 Dec 03 j 14:27	0°♏		
	-11776 Dec 30 j 01:22	0°♐		
asc. node	-11775 Jan 01 j 10:26	2°♐35'53		
	-11775 Jan 28 j 03:16	0°♑		
evening max el	-11775 Jan 28 j 11:17	0°♑18'58	44°57'55	
greatest brilliancy	-11775 Mar 07 j 18:03	27°♑23'52	-4.7m	
retrograde	-11775 Mar 17 j 15:32	29°♑07'44		
evening set	-11775 Apr 02 j 02:50	24°♑43'02		
inferior conj	-11775 Apr 07 j 18:49	21°♑28'28	3°55'28	
minimum elong	-11775 Apr 08 j 02:40	21°♑16'45	3°52'48	
min. Earth dist.	-11775 Apr 09 j 00:25	20°♑44'19	0.27701 AU	
morning rise	-11775 Apr 14 j 01:19	17°♑51'35		
desc. node	-11775 Apr 25 j 02:11	13°♑50'44		
direct	-11775 Apr 29 j 04:18	13°♑30'57		
greatest brilliancy	-11775 May 11 j 01:42	16°♑03'02	-4.8m	
	-11775 Jun 01 j 12:41	0°♒		
morning max el	-11775 Jun 18 j 13:50	15°♒52'28	46°39'13	
	-11775 Jul 01 j 23:57	0°♓		
	-11775 Jul 28 j 07:14	0°♈		
asc. node	-11775 Aug 14 j 07:52	20°♈21'36		
	-11775 Aug 22 j 06:30	0°♉		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11775 Sep 15 j 18:15	0°♊		
	-11775 Oct 10 j 04:11	0°♋		
	-11775 Nov 03 j 16:39	0°♌		
	-11775 Nov 28 j 07:53	0°♍		
desc. node	-11775 Dec 05 j 15:08	8°♍52'53		
	-11775 Dec 22 j 23:37	0°♎		
morning set	-11775 Dec 24 j 17:36	2°♎07'57		
	-11774 Jan 16 j 13:07	0°♏		
max. Earth dist.	-11774 Jan 26 j 17:22	12°♏29'02	1.73709 AU	
superior conj	-11774 Jan 30 j 09:22	16°♏59'23	-1°20'29	
minimum elong	-11774 Jan 30 j 09:09	16°♏58'40	1°20'58	
	-11774 Feb 09 j 23:06	0°♐		
evening rise	-11774 Mar 06 j 09:23	0°♑10'13		
	-11774 Mar 06 j 06:05	0°♑		
asc. node	-11774 Mar 26 j 17:19	25°♑20'18		
	-11774 Mar 30 j 11:39	0°♒		
	-11774 Apr 23 j 17:25	0°♓		
	-11774 May 18 j 00:43	0°♈		
	-11774 Jun 11 j 11:30	0°♉		
	-11774 Jul 06 j 05:29	0°♊		
desc. node	-11774 Jul 18 j 06:20	14°♊21'39		
	-11774 Jul 31 j 14:02	0°♋		
	-11774 Aug 27 j 06:57	0°♌		
evening max el	-11774 Sep 06 j 07:57	10°♌31'03	46°57'08	
	-11774 Sep 27 j 09:13	0°♍		
greatest brilliancy	-11774 Oct 16 j 01:33	11°♍41'51	-4.8m	
retrograde	-11774 Oct 27 j 00:55	14°♍00'15		
asc. node	-11774 Nov 06 j 16:31	11°♍36'52		
evening set	-11774 Nov 10 j 23:31	9°♍25'48		
min. Earth dist.	-11774 Nov 16 j 16:01	5°♍54'27	0.28767 AU	
inferior conj	-11774 Nov 17 j 04:36	5°♍34'05	2°24'19	
minimum elong	-11774 Nov 16 j 23:50	5°♍41'47	2°23'18	
morning rise	-11774 Nov 23 j 00:49	1°♍55'56		
	-11774 Nov 26 j 17:16	30°℞♌		
direct	-11774 Dec 08 j 11:00	27°♌11'43		
greatest brilliancy	-11774 Dec 17 j 11:43	28°♌42'00	-4.7m	
	-11774 Dec 20 j 23:53	0°♍		
morning max el	-11773 Jan 26 j 05:39	26°♍52'10	46°00'10	
	-11773 Jan 29 j 12:18	0°♎		
	-11773 Feb 27 j 10:39	0°♏		
desc. node	-11773 Feb 28 j 05:17	0°♏50'55		
	-11773 Mar 26 j 00:42	0°♐		
	-11773 Apr 20 j 09:06	0°♑		
	-11773 May 14 j 22:41	0°♒		
	-11773 Jun 08 j 00:21	0°♓		
greatest brilliancy	-11773 Jun 13 j 10:29	6°♓49'00	-3.9m	
asc. node	-11773 Jun 19 j 06:52	14°♓11'10		
	-11773 Jul 01 j 19:21	0°♈		
morning set	-11773 Jul 23 j 22:10	27°♈59'57		
	-11773 Jul 25 j 12:07	0°♉		
	-11773 Aug 18 j 06:21	0°♊		
superior conj	-11773 Sep 04 j 01:39	21°♊05'36	1°09'48	
minimum elong	-11773 Sep 04 j 12:39	21°♊40'02	1°10'12	
	-11773 Sep 11 j 04:37	0°♋		
max. Earth dist.	-11773 Sep 11 j 10:40	0°♋18'55	1.71607 AU	
	-11773 Oct 05 j 07:50	0°♌		
desc. node	-11773 Oct 10 j 14:29	6°♌31'45		
evening rise	-11773 Oct 17 j 06:23	14°♌45'27		
	-11773 Oct 29 j 15:24	0°♍		
	-11773 Nov 23 j 02:21	0°♎		
	-11773 Dec 17 j 17:00	0°♏		
	-11772 Jan 11 j 14:03	0°♐		
asc. node	-11772 Jan 29 j 20:47	21°♐42'02		
	-11772 Feb 05 j 22:40	0°♑		
	-11772 Mar 03 j 02:57	0°♒		
	-11772 Mar 30 j 20:08	0°♓		
evening max el	-11772 Apr 11 j 21:10	12°♓05'11	46°28'42	
	-11772 May 02 j 05:00	0°♈		
greatest brilliancy	-11772 May 22 j 03:47	11°♈37'56	-4.9m	
desc. node	-11772 May 22 j 12:43	11°♈45'26		
retrograde	-11772 May 31 j 21:40	13°♈22'05		
evening set	-11772 Jun 16 j 09:24	8°♈46'26		
min. Earth dist.	-11772 Jun 21 j 00:28	6°♈06'09	0.26390 AU	
inferior conj	-11772 Jun 21 j 14:25	5°♈45'22	-6°37'12	
minimum elong	-11772 Jun 21 j 04:09	6°♈00'40	6°35'05	
morning rise	-11772 Jun 25 j 23:01	3°♈13'16		
	-11772 Jul 02 j 19:41	30°℞♓		
direct	-11772 Jul 11 j 22:33	28°♓18'47		
	-11772 Jul 21 j 07:45	0°♈		
greatest brilliancy	-11772 Jul 22 j 06:38	0°♈20'42	-4.9m	
	-11772 Aug 29 j 20:41	0°♉		
morning max el	-11772 Aug 31 j 12:04	1°♉39'54	46°34'13	
asc. node	-11772 Sep 10 j 20:23	12°♉32'06		
	-11772 Sep 26 j 14:40	0°♊		
	-11772 Oct 22 j 13:41	0°♋		
	-11772 Nov 17 j 00:15	0°♌		
	-11772 Dec 12 j 06:39	0°♍		
desc. node	-11771 Jan 02 j 04:48	24°♍58'36		
	-11771 Jan 06 j 09:25	0°♎		
	-11771 Jan 31 j 06:31	0°♏		
	-11771 Feb 24 j 20:30	0°♐		
morning set	-11771 Mar 02 j 04:09	6°♐32'18		
	-11771 Mar 21 j 03:39	0°♑		
max. Earth dist.	-11771 Apr 01 j 16:56	14°♑21'59	1.72382 AU	
superior conj	-11771 Apr 06 j 04:36	19°♑57'25	-0°37'59	
minimum elong	-11771 Apr 06 j 11:07	20°♑17'46	0°38'21	
	-11771 Apr 14 j 05:38	0°♒		
asc. node	-11771 Apr 23 j 06:04	11°♒16'55		
	-11771 May 08 j 04:33	0°♓		
evening rise	-11771 May 12 j 08:01	5°♓11'55		
	-11771 Jun 01 j 02:21	0°♈		
	-11771 Jun 25 j 01:04	0°♉		
	-11771 Jul 19 j 02:55	0°♊		
	-11771 Aug 12 j 10:20	0°♋		
desc. node	-11771 Aug 14 j 16:59	2°♋47'29		
	-11771 Sep 06 j 02:25	0°♌		
	-11771 Oct 01 j 08:54	0°♍		
	-11771 Oct 27 j 20:41	0°♎		
evening max el	-11771 Nov 15 j 21:24	19°♎47'14	45°14'57	
	-11771 Nov 26 j 20:11	0°♏		
asc. node	-11771 Dec 04 j 02:44	6°♏03'57		
greatest brilliancy	-11771 Dec 23 j 06:19	17°♏43'00	-4.7m	
retrograde	-11770 Jan 03 j 08:11	19°♏56'02		
evening set	-11770 Jan 20 j 18:21	14°♏11'53		
inferior conj	-11770 Jan 24 j 19:01	11°♏41'56	8°01'13	
minimum elong	-11770 Jan 24 j 16:19	11°♏46'12	8°00'42	
min. Earth dist.	-11770 Jan 25 j 08:06	11°♏21'13	0.29543 AU	
morning rise	-11770 Jan 28 j 14:08	9°♏19'36		
direct	-11770 Feb 15 j 20:12	3°♏09'46		
greatest brilliancy	-11770 Feb 26 j 01:41	5°♏01'29	-4.7m	
desc. node	-11770 Mar 27 j 17:13	24°♏40'29		
	-11770 Apr 02 j 13:30	0°♐		
morning max el	-11770 Apr 06 j 04:26	3°♐26'57	46°16'18	
	-11770 May 01 j 15:19	0°♑		
	-11770 May 27 j 18:36	0°♒		
	-11770 Jun 21 j 15:09	0°♓		
	-11770 Jul 15 j 20:04	0°♈		
asc. node	-11770 Jul 16 j 20:38	1°♈16'41		
	-11770 Aug 08 j 18:08	0°♉		
	-11770 Sep 01 j 15:24	0°♊		
	-11770 Sep 25 j 15:48	0°♋		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

morning set	-11770 Oct 10 j 00:57	17°♋50'58	
	-11770 Oct 19 j 20:54	0°♌	
desc. node	-11770 Nov 07 j 03:33	22°♌30'26	
	-11770 Nov 13 j 05:57	0°♍	
superior conj	-11770 Nov 20 j 04:35	8°♍31'14	-0°28'42
minimum elong	-11770 Nov 19 j 22:20	8°♍12'04	0°28'08
max. Earth dist.	-11770 Nov 21 j 19:42	10°♍31'13	1.73438 AU
	-11770 Dec 07 j 16:53	0°♎	
evening rise	-11770 Dec 28 j 03:08	25°♎02'52	
	-11769 Jan 01 j 04:01	0°♏	
greatest brilliancy	-11769 Jan 20 j 22:40	24°♏14'55	-3.9m
	-11769 Jan 25 j 15:20	0°♐	
	-11769 Feb 19 j 04:27	0°♑	
asc. node	-11769 Feb 26 j 07:49	8°♑41'32	
	-11769 Mar 15 j 21:42	0°♒	
	-11769 Apr 09 j 21:20	0°♓	
	-11769 May 05 j 06:44	0°♈	
	-11769 May 31 j 10:52	0°♉	
desc. node	-11769 Jun 19 j 22:32	21°♉07'56	
evening max el	-11769 Jun 25 j 02:52	26°♉27'40	47°52'46
	-11769 Jun 28 j 15:38	0°♊	
greatest brilliancy	-11769 Aug 05 j 20:57	28°♊36'38	-4.9m
	-11769 Aug 11 j 05:47	0°♋	
retrograde	-11769 Aug 15 j 07:09	0°♋19'55	
	-11769 Aug 19 j 06:42	30°℞♊	
evening set	-11769 Sep 01 j 03:53	24°♊40'15	
min. Earth dist.	-11769 Sep 04 j 14:01	22°♊32'06	0.27185 AU
inferior conj	-11769 Sep 05 j 02:54	22°♊11'38	-7°09'19
minimum elong	-11769 Sep 05 j 12:11	21°♊56'54	7°07'00
morning rise	-11769 Sep 09 j 20:50	19°♊16'08	
direct	-11769 Sep 25 j 10:15	14°♊22'43	
greatest brilliancy	-11769 Oct 04 j 20:56	16°♊05'17	-4.9m
asc. node	-11769 Oct 09 j 07:55	17°♊56'18	
	-11769 Oct 27 j 06:51	0°♋	
morning max el	-11769 Nov 13 j 22:17	16°♋03'26	46°10'05
	-11769 Nov 27 j 15:15	0°♌	
	-11769 Dec 25 j 05:41	0°♍	
	-11768 Jan 20 j 15:12	0°♎	
desc. node	-11768 Jan 30 j 18:30	11°♎45'23	
	-11768 Feb 15 j 07:12	0°♏	
	-11768 Mar 11 j 08:39	0°♐	
	-11768 Apr 04 j 21:43	0°♑	
	-11768 Apr 29 j 01:14	0°♒	
morning set	-11768 May 08 j 01:57	11°♒18'40	
asc. node	-11768 May 20 j 19:15	27°♒18'42	
	-11768 May 22 j 22:26	0°♓	
superior conj	-11768 Jun 14 j 22:14	29°♓02'25	0°53'54
minimum elong	-11768 Jun 14 j 12:28	28°♓31'33	0°53'29
max. Earth dist.	-11768 Jun 14 j 13:57	28°♓36'15	1.70824 AU
	-11768 Jun 15 j 16:26	0°♈	
	-11768 Jul 09 j 10:07	0°♉	
evening rise	-11768 Jul 25 j 10:36	20°♉11'28	
	-11768 Aug 02 j 05:59	0°♊	
	-11768 Aug 26 j 06:02	0°♋	
desc. node	-11768 Sep 11 j 04:25	19°♋45'44	
	-11768 Sep 19 j 11:27	0°♌	
	-11768 Oct 13 j 23:00	0°♍	
	-11768 Nov 07 j 18:36	0°♎	
	-11768 Dec 03 j 04:02	0°♏	
	-11768 Dec 29 j 17:28	0°♐	
asc. node	-11768 Dec 31 j 12:41	1°♐57'26	
evening max el	-11767 Jan 26 j 01:40	28°♐04'13	44°56'35
	-11767 Jan 28 j 03:08	0°♑	
greatest brilliancy	-11767 Mar 05 j 06:06	25°♑06'02	-4.7m
retrograde	-11767 Mar 15 j 05:28	26°♑51'21	
evening set	-11767 Mar 30 j 18:55	22°♑22'36	
inferior conj	-11767 Apr 05 j 08:35	19°♑10'46	4°13'38
minimum elong	-11767 Apr 05 j 16:50	18°♑58'27	4°10'56
min. Earth dist.	-11767 Apr 06 j 14:43	18°♑25'49	0.27783 AU
morning rise	-11767 Apr 11 j 13:41	15°♑35'46	
desc. node	-11767 Apr 24 j 04:26	11°♑19'44	
direct	-11767 Apr 26 j 19:31	11°♑11'34	
greatest brilliancy	-11767 May 08 j 16:31	13°♑43'51	-4.8m
	-11767 Jun 01 j 21:10	0°♒	
morning max el	-11767 Jun 16 j 05:16	13°♒32'59	46°38'56
	-11767 Jul 01 j 18:36	0°♓	
	-11767 Jul 27 j 22:15	0°♈	
asc. node	-11767 Aug 13 j 10:07	19°♈46'37	
	-11767 Aug 21 j 19:55	0°♉	
	-11767 Sep 15 j 06:48	0°♊	
	-11767 Oct 09 j 16:12	0°♋	
	-11767 Nov 03 j 04:17	0°♌	
	-11767 Nov 27 j 19:15	0°♍	
desc. node	-11767 Dec 04 j 17:08	8°♍24'39	
morning set	-11767 Dec 22 j 09:44	29°♍56'57	
	-11767 Dec 22 j 10:45	0°♎	
	-11766 Jan 16 j 00:06	0°♏	
max. Earth dist.	-11766 Jan 24 j 16:37	10°♏39'24	1.73731 AU
superior conj	-11766 Jan 28 j 04:31	14°♏57'07	-1°20'25
minimum elong	-11766 Jan 28 j 03:42	14°♏54'36	1°20'52
	-11766 Feb 09 j 10:01	0°♐	
evening rise	-11766 Mar 04 j 05:09	28°♐08'53	
	-11766 Mar 05 j 17:05	0°♑	
asc. node	-11766 Mar 25 j 19:37	24°♑52'43	
	-11766 Mar 29 j 22:54	0°♒	
	-11766 Apr 23 j 05:02	0°♓	
	-11766 May 17 j 12:49	0°♈	
	-11766 Jun 11 j 00:11	0°♉	
	-11766 Jul 05 j 19:02	0°♊	
desc. node	-11766 Jul 17 j 08:39	13°♊46'33	
	-11766 Jul 31 j 05:11	0°♋	
	-11766 Aug 27 j 01:51	0°♌	
evening max el	-11766 Sep 04 j 00:53	8°♌17'46	47°00'48
	-11766 Sep 27 j 21:50	0°♍	
greatest brilliancy	-11766 Oct 13 j 19:17	9°♍30'50	-4.8m
retrograde	-11766 Oct 24 j 18:44	11°♍49'01	
asc. node	-11766 Nov 05 j 18:41	8°♍47'40	
evening set	-11766 Nov 08 j 16:18	7°♍15'07	
inferior conj	-11766 Nov 14 j 21:35	3°♍22'50	2°05'58
minimum elong	-11766 Nov 14 j 17:23	3°♍29'38	2°05'07
min. Earth dist.	-11766 Nov 14 j 08:25	3°♍44'08	0.28714 AU
	-11766 Nov 20 j 07:23	30°℞♌	
morning rise	-11766 Nov 20 j 19:15	29°♌42'52	
direct	-11766 Dec 06 j 03:40	25°♌01'26	
greatest brilliancy	-11766 Dec 15 j 03:14	26°♌31'18	-4.7m
	-11766 Dec 23 j 04:39	0°♍	
morning max el	-11765 Jan 23 j 22:46	24°♍45'51	45°59'53
	-11765 Jan 29 j 09:20	0°♎	
desc. node	-11765 Feb 27 j 07:29	0°♏15'03	
	-11765 Feb 27 j 02:00	0°♏	
	-11765 Mar 25 j 13:55	0°♐	
	-11765 Apr 19 j 21:19	0°♑	
	-11765 May 14 j 10:24	0°♒	
	-11765 Jun 07 j 11:48	0°♓	
greatest brilliancy	-11765 Jun 14 j 07:39	8°♓35'16	-3.9m
asc. node	-11765 Jun 18 j 08:58	13°♓41'54	
	-11765 Jul 01 j 06:40	0°♈	
morning set	-11765 Jul 21 j 08:19	25°♈24'35	
	-11765 Jul 24 j 23:22	0°♉	
	-11765 Aug 17 j 17:34	0°♊	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

superior conj	-11765 Sep 01 j 09:55	18°♊26'12	1°11'54
minimum elong	-11765 Sep 01 j 20:24	18°♊59'01	1°12'18
max. Earth dist.	-11765 Sep 08 j 21:53	27°♊49'09	1.71537 AU
	-11765 Sep 10 j 15:47	0°♋	
	-11765 Oct 04 j 18:58	0°♌	
desc. node	-11765 Oct 09 j 16:39	6°♌04'03	
evening rise	-11765 Oct 14 j 16:59	12°♌15'46	
	-11765 Oct 29 j 02:31	0°♍	
	-11765 Nov 22 j 13:34	0°♎	
	-11765 Dec 17 j 04:29	0°♏	
	-11764 Jan 11 j 02:08	0°♐	
asc. node	-11764 Jan 28 j 23:07	21°♐11'11	
	-11764 Feb 05 j 11:54	0°♑	
	-11764 Mar 02 j 18:22	0°♒	
	-11764 Mar 30 j 16:37	0°♓	
evening max el	-11764 Apr 09 j 10:40	9°♓42'47	46°24'37
	-11764 May 03 j 00:37	0°♈	
greatest brilliancy	-11764 May 19 j 14:55	9°♈07'21	-4.9m
desc. node	-11764 May 21 j 14:49	9°♈44'26	
retrograde	-11764 May 29 j 08:47	10°♈51'01	
evening set	-11764 Jun 13 j 17:16	6°♈21'20	
min. Earth dist.	-11764 Jun 18 j 13:05	3°♈34'30	0.26387 AU
inferior conj	-11764 Jun 19 j 01:53	3°♈15'25	-6°20'43
minimum elong	-11764 Jun 18 j 15:33	3°♈30'49	6°18'29
morning rise	-11764 Jun 23 j 13:55	0°♈38'28	
	-11764 Jun 24 j 18:22	30°℞♓	
direct	-11764 Jul 09 j 10:40	25°♓49'00	
greatest brilliancy	-11764 Jul 19 j 20:04	27°♓51'38	-4.9m
	-11764 Jul 24 j 14:36	0°♈	
morning max el	-11764 Aug 28 j 23:45	29°♈08'25	46°34'54
	-11764 Aug 29 j 19:54	0°♉	
asc. node	-11764 Sep 09 j 22:39	11°♉45'22	
	-11764 Sep 26 j 07:16	0°♊	
	-11764 Oct 22 j 03:46	0°♋	
	-11764 Nov 16 j 12:59	0°♌	
	-11764 Dec 11 j 18:34	0°♍	
desc. node	-11763 Jan 01 j 07:02	24°♍31'01	
	-11763 Jan 05 j 20:48	0°♎	
	-11763 Jan 30 j 17:34	0°♏	
	-11763 Feb 24 j 07:23	0°♐	
morning set	-11763 Feb 27 j 23:38	4°♐31'11	
	-11763 Mar 20 j 14:30	0°♑	
max. Earth dist.	-11763 Mar 30 j 09:29	12°♑10'19	1.72446 AU
superior conj	-11763 Apr 03 j 23:34	17°♑53'08	-0°40'36
minimum elong	-11763 Apr 04 j 06:23	18°♑14'21	0°40'58
	-11763 Apr 13 j 16:32	0°♒	
asc. node	-11763 Apr 22 j 08:10	10°♒49'17	
	-11763 May 07 j 15:34	0°♓	
evening rise	-11763 May 10 j 00:40	2°♓58'57	
	-11763 May 31 j 13:35	0°♈	
	-11763 Jun 24 j 12:34	0°♉	
	-11763 Jul 18 j 14:43	0°♊	
	-11763 Aug 11 j 22:32	0°♋	
desc. node	-11763 Aug 13 j 19:16	2°♋16'58	
	-11763 Sep 05 j 15:13	0°♌	
	-11763 Sep 30 j 22:52	0°♍	
	-11763 Oct 27 j 13:29	0°♎	
evening max el	-11763 Nov 13 j 12:10	17°♎33'12	45°17'34
	-11763 Nov 27 j 00:04	0°♏	
asc. node	-11763 Dec 03 j 04:59	5°♏01'43	
greatest brilliancy	-11763 Dec 20 j 23:09	15°♏37'28	-4.7m
retrograde	-11762 Jan 01 j 01:08	17°♏51'26	
evening set	-11762 Jan 18 j 10:07	12°♏08'49	
inferior conj	-11762 Jan 22 j 12:23	9°♏36'24	7°58'16
minimum elong	-11762 Jan 22 j 09:04	9°♏41'40	7°57'41
min. Earth dist.	-11762 Jan 23 j 00:31	9°♏17'11	0.29562 AU
morning rise	-11762 Jan 26 j 07:50	7°♏13'21	
direct	-11762 Feb 13 j 12:50	1°♏03'43	
greatest brilliancy	-11762 Feb 23 j 17:51	2°♏54'38	-4.7m
desc. node	-11762 Mar 26 j 19:26	23°♏46'48	
	-11762 Apr 02 j 12:39	0°♐	
morning max el	-11762 Apr 03 j 19:51	1°♐14'50	46°15'24
	-11762 May 01 j 07:22	0°♑	
	-11762 May 27 j 08:18	0°♒	
	-11762 Jun 21 j 03:45	0°♓	
	-11762 Jul 15 j 08:05	0°♈	
asc. node	-11762 Jul 15 j 22:56	0°♈46'26	
	-11762 Aug 08 j 05:48	0°♉	
	-11762 Sep 01 j 02:51	0°♊	
	-11762 Sep 25 j 03:05	0°♋	
morning set	-11762 Oct 07 j 11:31	15°♋20'26	
	-11762 Oct 19 j 08:01	0°♌	
desc. node	-11762 Nov 06 j 05:35	22°♌02'50	
	-11762 Nov 12 j 16:55	0°♍	
superior conj	-11762 Nov 17 j 18:25	6°♍12'53	-0°25'29
minimum elong	-11762 Nov 17 j 12:45	5°♍55'29	0°24'56
max. Earth dist.	-11762 Nov 19 j 13:55	8°♍26'20	1.73390 AU
	-11762 Dec 07 j 03:45	0°♎	
evening rise	-11762 Dec 25 j 21:12	22°♎57'49	
	-11762 Dec 31 j 14:53	0°♏	
greatest brilliancy	-11761 Jan 21 j 02:05	25°♏05'17	-3.9m
	-11761 Jan 25 j 02:21	0°♐	
	-11761 Feb 18 j 15:50	0°♑	
asc. node	-11761 Feb 25 j 10:07	8°♑13'29	
	-11761 Mar 15 j 09:42	0°♒	
	-11761 Apr 09 j 10:20	0°♓	
	-11761 May 04 j 21:17	0°♈	
	-11761 May 31 j 04:17	0°♉	
desc. node	-11761 Jun 19 j 00:54	20°♉18'08	
evening max el	-11761 Jun 22 j 16:25	24°♉02'00	47°51'59
	-11761 Jun 28 j 16:45	0°♊	
greatest brilliancy	-11761 Aug 03 j 12:03	26°♊11'37	-4.9m
retrograde	-11761 Aug 12 j 20:57	27°♊54'09	
evening set	-11761 Aug 29 j 20:47	22°♊10'26	
min. Earth dist.	-11761 Sep 02 j 03:58	20°♊07'13	0.27144 AU
inferior conj	-11761 Sep 02 j 16:52	19°♊46'47	-7°22'14
minimum elong	-11761 Sep 03 j 01:54	19°♊32'30	7°20'02
morning rise	-11761 Sep 07 j 07:19	16°♊56'46	
direct	-11761 Sep 22 j 23:14	11°♊58'42	
greatest brilliancy	-11761 Oct 02 j 11:22	13°♊42'37	-4.9m
asc. node	-11761 Oct 08 j 10:07	16°♊18'42	
	-11761 Oct 27 j 16:16	0°♋	
morning max el	-11761 Nov 11 j 12:55	13°♋45'07	46°10'56
	-11761 Nov 27 j 09:49	0°♌	
	-11761 Dec 24 j 20:20	0°♍	
	-11760 Jan 20 j 04:05	0°♎	
desc. node	-11760 Jan 29 j 20:40	11°♎15'30	
	-11760 Feb 14 j 19:07	0°♏	
	-11760 Mar 10 j 20:01	0°♐	
	-11760 Apr 04 j 08:48	0°♑	
	-11760 Apr 28 j 12:14	0°♒	
morning set	-11760 May 05 j 19:07	9°♒07'27	
asc. node	-11760 May 19 j 21:25	26°♒50'47	
	-11760 May 22 j 09:28	0°♓	
superior conj	-11760 Jun 12 j 11:34	26°♓37'40	0°51'07
minimum elong	-11760 Jun 12 j 02:05	26°♓07'42	0°50'40
max. Earth dist.	-11760 Jun 11 j 22:49	25°♓57'20	1.70856 AU
	-11760 Jun 15 j 03:34	0°♈	
	-11760 Jul 08 j 21:21	0°♉	
evening rise	-11760 Jul 22 j 19:18	17°♉32'23	
	-11760 Aug 01 j 17:18	0°♊	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11760 Aug 25 j 17:27	0°♋	
desc. node	-11760 Sep 10 j 06:34	19°♋16'47	
	-11760 Sep 18 j 23:01	0°♌	
	-11760 Oct 13 j 10:50	0°♍	
	-11760 Nov 07 j 06:59	0°♎	
	-11760 Dec 02 j 17:32	0°♏	
	-11760 Dec 29 j 09:35	0°♐	
asc. node	-11760 Dec 30 j 15:07	1°♐19'47	
evening max el	-11759 Jan 23 j 17:04	25°♐52'47	44°55'25
	-11759 Jan 28 j 03:46	0°♑	
greatest brilliancy	-11759 Mar 02 j 18:41	22°♑50'31	-4.7m
retrograde	-11759 Mar 12 j 19:47	24°♑36'48	
evening set	-11759 Mar 28 j 11:28	20°♑04'18	
inferior conj	-11759 Apr 02 j 22:44	16°♑55'00	4°31'05
minimum elong	-11759 Apr 03 j 07:20	16°♑42'10	4°28'21
min. Earth dist.	-11759 Apr 04 j 05:01	16°♑09'45	0.27866 AU
morning rise	-11759 Apr 09 j 02:15	13°♑21'58	
desc. node	-11759 Apr 23 j 06:31	8°♑56'05	
direct	-11759 Apr 24 j 11:18	8°♑54'23	
greatest brilliancy	-11759 May 06 j 06:51	11°♑25'34	-4.8m
	-11759 Jun 02 j 02:58	0°♒	
morning max el	-11759 Jun 13 j 20:42	11°♒14'11	46°38'17
	-11759 Jul 01 j 12:42	0°♓	
	-11759 Jul 27 j 13:06	0°♈	
asc. node	-11759 Aug 12 j 12:21	19°♈11'38	
	-11759 Aug 21 j 09:18	0°♉	
	-11759 Sep 14 j 19:20	0°♊	
	-11759 Oct 09 j 04:12	0°♋	
	-11759 Nov 02 j 15:54	0°♌	
	-11759 Nov 27 j 06:32	0°♍	
desc. node	-11759 Dec 03 j 19:22	7°♍57'18	
morning set	-11759 Dec 20 j 01:52	27°♍46'07	
	-11759 Dec 21 j 21:48	0°♎	
	-11758 Jan 15 j 11:00	0°♏	
max. Earth dist.	-11758 Jan 22 j 15:49	8°♏49'50	1.73749 AU
superior conj	-11758 Jan 25 j 23:50	12°♏55'31	-1°20'14
minimum elong	-11758 Jan 25 j 22:26	12°♏51'12	1°20'39
	-11758 Feb 08 j 20:54	0°♐	
evening rise	-11758 Mar 02 j 01:15	26°♐08'47	
	-11758 Mar 05 j 04:04	0°♑	
asc. node	-11758 Mar 24 j 21:49	24°♑24'59	
	-11758 Mar 29 j 10:07	0°♒	
	-11758 Apr 22 j 16:36	0°♓	
	-11758 May 17 j 00:52	0°♈	
	-11758 Jun 10 j 12:55	0°♉	
	-11758 Jul 05 j 08:46	0°♊	
desc. node	-11758 Jul 16 j 10:55	13°♊10'46	
	-11758 Jul 30 j 20:40	0°♋	
	-11758 Aug 26 j 21:32	0°♌	
evening max el	-11758 Sep 01 j 17:55	6°♌03'52	47°04'20
	-11758 Sep 28 j 15:13	0°♍	
greatest brilliancy	-11758 Oct 11 j 13:34	7°♍19'31	-4.8m
retrograde	-11758 Oct 22 j 12:14	9°♍36'36	
asc. node	-11758 Nov 04 j 20:57	5°♍53'28	
evening set	-11758 Nov 06 j 09:11	5°♍03'24	
min. Earth dist.	-11758 Nov 12 j 00:55	1°♍32'40	0.28653 AU
inferior conj	-11758 Nov 12 j 14:29	1°♍10'41	1°47'17
minimum elong	-11758 Nov 12 j 10:53	1°♍16'32	1°46'36
	-11758 Nov 14 j 10:20	30°℞♌	
morning rise	-11758 Nov 18 j 13:26	27°♌28'55	
direct	-11758 Dec 03 j 20:18	22°♌50'31	
greatest brilliancy	-11758 Dec 12 j 18:40	24°♌19'45	-4.7m
	-11758 Dec 24 j 15:32	0°♍	
morning max el	-11757 Jan 21 j 14:56	22°♍36'58	45°59'42
	-11757 Jan 29 j 05:45	0°♎	
desc. node	-11757 Feb 26 j 09:36	29°♎39'04	
	-11757 Feb 26 j 17:12	0°♏	
	-11757 Mar 25 j 03:06	0°♐	
	-11757 Apr 19 j 09:32	0°♑	
	-11757 May 13 j 22:08	0°♒	
	-11757 Jun 06 j 23:17	0°♓	
greatest brilliancy	-11757 Jun 14 j 20:58	9°♓56'48	-3.9m
asc. node	-11757 Jun 17 j 11:19	13°♓13'19	
	-11757 Jun 30 j 18:02	0°♈	
morning set	-11757 Jul 18 j 18:54	22°♈50'16	
	-11757 Jul 24 j 10:43	0°♉	
	-11757 Aug 17 j 04:56	0°♊	
superior conj	-11757 Aug 29 j 18:11	15°♊46'07	1°13'50
minimum elong	-11757 Aug 30 j 04:01	16°♊16'54	1°14'15
max. Earth dist.	-11757 Sep 06 j 08:36	25°♊17'03	1.71473 AU
	-11757 Sep 10 j 03:10	0°♋	
	-11757 Oct 04 j 06:20	0°♌	
desc. node	-11757 Oct 08 j 18:45	5°♌35'25	
evening rise	-11757 Oct 12 j 02:50	9°♌42'53	
	-11757 Oct 28 j 13:53	0°♍	
	-11757 Nov 22 j 01:01	0°♎	
	-11757 Dec 16 j 16:13	0°♏	
	-11756 Jan 10 j 14:29	0°♐	
asc. node	-11756 Jan 28 j 01:24	20°♐39'34	
	-11756 Feb 05 j 01:25	0°♑	
	-11756 Mar 02 j 10:12	0°♒	
	-11756 Mar 30 j 13:57	0°♓	
evening max el	-11756 Apr 06 j 23:26	7°♓18'24	46°20'36
	-11756 May 04 j 03:03	0°♈	
greatest brilliancy	-11756 May 17 j 02:44	6°♈37'49	-4.9m
desc. node	-11756 May 20 j 17:12	7°♈38'54	
retrograde	-11756 May 26 j 19:45	8°♈20'41	
evening set	-11756 Jun 11 j 01:32	3°♈56'27	
min. Earth dist.	-11756 Jun 16 j 02:17	1°♈03'05	0.26387 AU
inferior conj	-11756 Jun 16 j 13:36	0°♈46'12	-6°03'23
minimum elong	-11756 Jun 16 j 03:18	1°♈01'33	6°01'06
	-11756 Jun 17 j 20:40	30°℞♓	
morning rise	-11756 Jun 21 j 05:02	28°♓04'27	
direct	-11756 Jul 06 j 22:30	23°♓19'40	
greatest brilliancy	-11756 Jul 17 j 10:13	25°♓23'46	-4.9m
	-11756 Jul 26 j 12:19	0°♈	
morning max el	-11756 Aug 26 j 10:52	26°♈35'02	46°35'30
	-11756 Aug 29 j 18:19	0°♉	
asc. node	-11756 Sep 09 j 00:51	10°♉58'45	
	-11756 Sep 25 j 23:47	0°♊	
	-11756 Oct 21 j 18:00	0°♋	
	-11756 Nov 16 j 01:59	0°♌	
	-11756 Dec 11 j 06:47	0°♍	
desc. node	-11756 Dec 31 j 09:13	24°♍02'18	
	-11755 Jan 05 j 08:28	0°♎	
	-11755 Jan 30 j 04:53	0°♏	
	-11755 Feb 23 j 18:31	0°♐	
morning set	-11755 Feb 25 j 18:59	2°♐28'55	
	-11755 Mar 20 j 01:35	0°♑	
max. Earth dist.	-11755 Mar 28 j 04:23	10°♑05'14	1.72509 AU
superior conj	-11755 Apr 01 j 18:42	15°♑48'39	-0°43'10
minimum elong	-11755 Apr 02 j 01:45	16°♑10'36	0°43'31
	-11755 Apr 13 j 03:41	0°♒	
asc. node	-11755 Apr 21 j 10:23	10°♒21'08	
	-11755 May 07 j 02:52	0°♓	
evening rise	-11755 May 07 j 17:47	0°♓46'43	
	-11755 May 31 j 01:06	0°♈	
	-11755 Jun 24 j 00:20	0°♉	
	-11755 Jul 18 j 02:46	0°♊	
	-11755 Aug 11 j 10:58	0°♋	
desc. node	-11755 Aug 12 j 21:27	1°♋45'32	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11755 Sep 05 j 04:19	0°♌		
	-11755 Sep 30 j 13:16	0°♍		
	-11755 Oct 27 j 07:03	0°♎		
evening max el	-11755 Nov 11 j 03:00	15°♎18'01	45°20'13	
	-11755 Nov 27 j 06:36	0°♏		
asc. node	-11755 Dec 02 j 07:26	3°♏56'55		
greatest brilliancy	-11755 Dec 18 j 15:33	13°♏29'53	-4.7m	
retrograde	-11755 Dec 29 j 18:28	15°♏45'25		
evening set	-11754 Jan 16 j 01:39	10°♏04'25		
inferior conj	-11754 Jan 20 j 05:42	7°♏29'21	7°54'32	
minimum elong	-11754 Jan 20 j 01:47	7°♏35'34	7°53'55	
min. Earth dist.	-11754 Jan 20 j 16:43	7°♏11'55	0.29577 AU	
morning rise	-11754 Jan 24 j 01:45	5°♏05'23		
	-11754 Feb 03 j 20:45	30°℞♎		
direct	-11754 Feb 11 j 05:27	28°♎56'11		
	-11754 Feb 18 j 21:23	0°♏		
greatest brilliancy	-11754 Feb 21 j 09:54	0°♏46'34	-4.7m	
desc. node	-11754 Mar 25 j 21:35	22°♏53'04		
morning max el	-11754 Apr 01 j 11:54	29°♏03'29	46°14'37	
	-11754 Apr 02 j 11:17	0°♐		
	-11754 Apr 30 j 23:28	0°♑		
	-11754 May 26 j 22:09	0°♒		
	-11754 Jun 20 j 16:33	0°♓		
	-11754 Jul 14 j 20:20	0°♈		
asc. node	-11754 Jul 15 j 01:03	0°♈14'43		
	-11754 Aug 07 j 17:45	0°♉		
	-11754 Aug 31 j 14:33	0°♊		
	-11754 Sep 24 j 14:36	0°♋		
morning set	-11754 Oct 04 j 22:16	12°♋49'26		
	-11754 Oct 18 j 19:23	0°♌		
desc. node	-11754 Nov 05 j 07:52	21°♌35'05		
	-11754 Nov 12 j 04:11	0°♍		
superior conj	-11754 Nov 15 j 08:08	3°♍53'09	-0°22'14	
minimum elong	-11754 Nov 15 j 03:06	3°♍37'42	0°21'41	
max. Earth dist.	-11754 Nov 17 j 07:33	6°♍18'40	1.73349 AU	
	-11754 Dec 06 j 14:59	0°♎		
evening rise	-11754 Dec 23 j 15:05	20°♎51'03		
	-11754 Dec 31 j 02:08	0°♏		
greatest brilliancy	-11753 Jan 21 j 22:18	26°♏45'50	-3.9m	
	-11753 Jan 24 j 13:45	0°♐		
	-11753 Feb 18 j 03:35	0°♑		
asc. node	-11753 Feb 24 j 12:20	7°♑44'01		
	-11753 Mar 14 j 22:06	0°♒		
	-11753 Apr 08 j 23:43	0°♓		
	-11753 May 04 j 12:18	0°♈		
	-11753 May 30 j 22:22	0°♉		
desc. node	-11753 Jun 18 j 03:11	19°♉26'19		
evening max el	-11753 Jun 20 j 06:41	21°♉37'21	47°51'02	
	-11753 Jun 28 j 19:32	0°♊		
greatest brilliancy	-11753 Aug 01 j 02:30	23°♊44'55	-4.9m	
retrograde	-11753 Aug 10 j 11:13	25°♊27'29		
evening set	-11753 Aug 27 j 13:33	19°♊39'43		
min. Earth dist.	-11753 Aug 30 j 17:29	17°♊41'52	0.27103 AU	
inferior conj	-11753 Aug 31 j 06:46	17°♊20'55	-7°34'15	
minimum elong	-11753 Aug 31 j 15:30	17°♊07'10	7°32'14	
morning rise	-11753 Sep 04 j 17:42	14°♊36'37		
direct	-11753 Sep 20 j 12:41	9°♊33'45		
greatest brilliancy	-11753 Sep 30 j 01:13	11°♊18'31	-4.9m	
asc. node	-11753 Oct 07 j 12:20	14°♊44'01		
	-11753 Oct 27 j 23:24	0°♋		
morning max el	-11753 Nov 09 j 04:12	11°♋27'38	46°11'47	
	-11753 Nov 27 j 04:11	0°♌		
	-11753 Dec 24 j 11:07	0°♍		
	-11752 Jan 19 j 17:13	0°♎		
desc. node	-11752 Jan 28 j 22:43	10°♎44'21		
	-11752 Feb 14 j 07:21	0°♏		
	-11752 Mar 10 j 07:43	0°♐		
	-11752 Apr 03 j 20:12	0°♑		
	-11752 Apr 27 j 23:31	0°♒		
morning set	-11752 May 03 j 12:24	6°♒55'52		
asc. node	-11752 May 18 j 23:44	26°♒22'33		
	-11752 May 21 j 20:45	0°♓		
max. Earth dist.	-11752 Jun 09 j 07:40	23°♓17'48	1.70888 AU	
superior conj	-11752 Jun 10 j 01:08	24°♓12'58	0°48'15	
minimum elong	-11752 Jun 09 j 16:00	23°♓44'05	0°47'48	
	-11752 Jun 14 j 14:56	0°♈		
	-11752 Jul 08 j 08:49	0°♉		
evening rise	-11752 Jul 20 j 04:17	14°♉53'19		
	-11752 Aug 01 j 04:53	0°♊		
	-11752 Aug 25 j 05:10	0°♋		
desc. node	-11752 Sep 09 j 08:45	18°♋47'03		
	-11752 Sep 18 j 10:53	0°♌		
	-11752 Oct 12 j 22:57	0°♍		
	-11752 Nov 06 j 19:38	0°♎		
	-11752 Dec 02 j 07:22	0°♏		
	-11752 Dec 29 j 02:17	0°♐		
asc. node	-11752 Dec 29 j 17:20	0°♐40'26		
evening max el	-11751 Jan 21 j 08:34	23°♐40'40	44°54'07	
	-11751 Jan 28 j 06:10	0°♑		
greatest brilliancy	-11751 Feb 28 j 07:55	20°♑34'45	-4.7m	
retrograde	-11751 Mar 10 j 09:40	22°♑21'05		
evening set	-11751 Mar 26 j 04:05	17°♑45'02		
inferior conj	-11751 Mar 31 j 12:52	14°♑38'23	4°48'02	
minimum elong	-11751 Mar 31 j 21:44	14°♑25'05	4°45'18	
min. Earth dist.	-11751 Apr 01 j 19:27	13°♑52'32	0.27946 AU	
morning rise	-11751 Apr 06 j 14:32	11°♑07'16		
direct	-11751 Apr 22 j 02:49	6°♑36'25		
desc. node	-11751 Apr 22 j 08:52	6°♑36'29		
greatest brilliancy	-11751 May 03 j 20:52	9°♑05'57	-4.8m	
	-11751 Jun 02 j 07:16	0°♒		
morning max el	-11751 Jun 11 j 11:15	8°♒52'30	46°37'42	
	-11751 Jul 01 j 06:38	0°♓		
	-11751 Jul 27 j 03:57	0°♈		
asc. node	-11751 Aug 11 j 14:30	18°♈36'12		
	-11751 Aug 20 j 22:43	0°♉		
	-11751 Sep 14 j 07:58	0°♊		
	-11751 Oct 08 j 16:20	0°♋		
	-11751 Nov 02 j 03:38	0°♌		
	-11751 Nov 26 j 17:58	0°♍		
desc. node	-11751 Dec 02 j 21:32	7°♍29'20		
morning set	-11751 Dec 17 j 18:03	25°♍35'04		
	-11751 Dec 21 j 08:59	0°♎		
	-11750 Jan 14 j 22:02	0°♏		
max. Earth dist.	-11750 Jan 20 j 14:28	6°♏58'13	1.73765 AU	
superior conj	-11750 Jan 23 j 19:10	10°♏53'36	-1°19'56	
minimum elong	-11750 Jan 23 j 17:12	10°♏47'34	1°20'21	
	-11750 Feb 08 j 07:55	0°♐		
evening rise	-11750 Feb 27 j 21:20	24°♐08'06		
	-11750 Mar 04 j 15:13	0°♑		
asc. node	-11750 Mar 24 j 00:03	23°♑56'48		
	-11750 Mar 28 j 21:32	0°♒		
	-11750 Apr 22 j 04:23	0°♓		
	-11750 May 16 j 13:08	0°♈		
	-11750 Jun 10 j 01:50	0°♉		
	-11750 Jul 04 j 22:42	0°♊		
desc. node	-11750 Jul 15 j 13:04	12°♊34'13		
	-11750 Jul 30 j 12:27	0°♋		
	-11750 Aug 26 j 17:52	0°♌		
evening max el	-11750 Aug 30 j 10:03	3°♌47'16	47°07'45	
	-11750 Sep 29 j 14:59	0°♍		
greatest brilliancy	-11750 Oct 09 j 08:23	5°♍08'19	-4.8m	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

retrograde	-11750 Oct 20 j 05:17	7°♍23'33	
asc. node	-11750 Nov 03 j 23:23	2°♍54'56	
evening set	-11750 Nov 04 j 02:10	2°♍50'58	
	-11750 Nov 08 j 17:08	30°℞♌	
min. Earth dist.	-11750 Nov 09 j 17:42	29°♌20'14	0.28593 AU
inferior conj	-11750 Nov 10 j 07:20	28°♌58'05	1°28'21
minimum elong	-11750 Nov 10 j 04:21	29°♌02'57	1°27'52
morning rise	-11750 Nov 16 j 07:25	25°♌14'31	
direct	-11750 Dec 01 j 12:27	20°♌39'09	
greatest brilliancy	-11750 Dec 10 j 10:30	22°♌08'04	-4.7m
	-11750 Dec 25 j 16:31	0°♍	
morning max el	-11749 Jan 19 j 06:13	20°♍25'43	45°59'38
	-11749 Jan 29 j 01:35	0°♎	
desc. node	-11749 Feb 25 j 11:48	29°♎03'37	
	-11749 Feb 26 j 08:12	0°♏	
	-11749 Mar 24 j 16:13	0°♐	
	-11749 Apr 18 j 21:46	0°♑	
	-11749 May 13 j 09:55	0°♒	
	-11749 Jun 06 j 10:50	0°♓	
greatest brilliancy	-11749 Jun 15 j 06:16	11°♓05'28	-3.9m
asc. node	-11749 Jun 16 j 13:25	12°♓43'43	
	-11749 Jun 30 j 05:28	0°♈	
morning set	-11749 Jul 16 j 05:21	20°♈15'15	
	-11749 Jul 23 j 22:05	0°♉	
	-11749 Aug 16 j 16:17	0°♊	
superior conj	-11749 Aug 27 j 02:23	13°♊05'47	1°15'34
minimum elong	-11749 Aug 27 j 11:28	13°♊34'17	1°16'02
max. Earth dist.	-11749 Sep 03 j 17:46	22°♊40'10	1.71405 AU
	-11749 Sep 09 j 14:31	0°♋	
	-11749 Oct 03 j 17:39	0°♌	
desc. node	-11749 Oct 07 j 21:01	5°♌07'23	
evening rise	-11749 Oct 09 j 12:25	7°♌09'10	
	-11749 Oct 28 j 01:14	0°♍	
	-11749 Nov 21 j 12:27	0°♎	
	-11749 Dec 16 j 03:57	0°♏	
	-11748 Jan 10 j 02:49	0°♐	
asc. node	-11748 Jan 27 j 03:40	20°♐08'02	
	-11748 Feb 04 j 14:56	0°♑	
	-11748 Mar 02 j 02:09	0°♒	
	-11748 Mar 30 j 11:56	0°♓	
evening max el	-11748 Apr 04 j 11:13	4°♓52'04	46°16'28
	-11748 May 05 j 15:54	0°♈	
greatest brilliancy	-11748 May 14 j 14:21	4°♈07'52	-4.9m
desc. node	-11748 May 19 j 19:26	5°♈27'41	
retrograde	-11748 May 24 j 06:31	5°♈50'17	
evening set	-11748 Jun 08 j 09:45	1°♈30'44	
	-11748 Jun 11 j 02:58	30°℞♓	
min. Earth dist.	-11748 Jun 13 j 15:27	28°♓31'04	0.26395 AU
inferior conj	-11748 Jun 14 j 01:09	28°♓16'38	-5°45'12
minimum elong	-11748 Jun 13 j 14:56	28°♓31'50	5°42'52
morning rise	-11748 Jun 18 j 20:00	25°♓30'17	
direct	-11748 Jul 04 j 09:58	20°♓49'36	
greatest brilliancy	-11748 Jul 15 j 00:42	22°♓55'58	-4.9m
	-11748 Jul 27 j 19:41	0°♈	
morning max el	-11748 Aug 23 j 22:28	24°♈02'44	46°36'16
	-11748 Aug 29 j 15:56	0°♉	
asc. node	-11748 Sep 08 j 03:08	10°♉13'04	
	-11748 Sep 25 j 15:58	0°♊	
	-11748 Oct 21 j 07:58	0°♋	
	-11748 Nov 15 j 14:45	0°♌	
	-11748 Dec 10 j 18:47	0°♍	
desc. node	-11748 Dec 30 j 11:14	23°♍33'32	
	-11747 Jan 04 j 19:58	0°♎	
	-11747 Jan 29 j 16:03	0°♏	
	-11747 Feb 23 j 05:29	0°♐	
morning set	-11747 Feb 23 j 14:28	0°♐27'36	
	-11747 Mar 19 j 12:29	0°♑	
max. Earth dist.	-11747 Mar 26 j 01:08	8°♑06'35	1.72568 AU
superior conj	-11747 Mar 30 j 14:05	13°♑45'34	-0°45'38
minimum elong	-11747 Mar 30 j 21:20	14°♑08'09	0°46'00
	-11747 Apr 12 j 14:38	0°♒	
asc. node	-11747 Apr 20 j 12:44	9°♒54'04	
evening rise	-11747 May 05 j 11:12	28°♒36'10	
	-11747 May 06 j 13:58	0°♓	
	-11747 May 30 j 12:27	0°♈	
	-11747 Jun 23 j 11:58	0°♉	
	-11747 Jul 17 j 14:43	0°♊	
	-11747 Aug 10 j 23:20	0°♋	
desc. node	-11747 Aug 11 j 23:41	1°♋14'25	
	-11747 Sep 04 j 17:21	0°♌	
	-11747 Sep 30 j 03:39	0°♍	
	-11747 Oct 27 j 00:48	0°♎	
evening max el	-11747 Nov 08 j 18:28	13°♎04'59	45°23'05
	-11747 Nov 27 j 15:18	0°♏	
asc. node	-11747 Dec 01 j 09:39	2°♏50'39	
greatest brilliancy	-11747 Dec 16 j 07:34	11°♏22'33	-4.7m
retrograde	-11747 Dec 27 j 12:18	13°♏40'04	
evening set	-11746 Jan 13 j 17:03	8°♏00'53	
inferior conj	-11746 Jan 17 j 23:01	5°♏22'53	7°50'12
minimum elong	-11746 Jan 17 j 18:31	5°♏30'00	7°49'32
min. Earth dist.	-11746 Jan 18 j 08:35	5°♏07'43	0.29588 AU
morning rise	-11746 Jan 21 j 19:51	2°♏57'45	
	-11746 Jan 27 j 04:25	30°℞♎	
direct	-11746 Feb 08 j 22:26	26°♎49'20	
greatest brilliancy	-11746 Feb 19 j 01:24	28°♎38'44	-4.7m
	-11746 Feb 22 j 12:12	0°♏	
desc. node	-11746 Mar 24 j 23:51	22°♏01'26	
morning max el	-11746 Mar 30 j 04:57	26°♏55'36	46°13'56
	-11746 Apr 02 j 08:44	0°♐	
	-11746 Apr 30 j 15:01	0°♑	
	-11746 May 26 j 11:35	0°♒	
	-11746 Jun 20 j 05:01	0°♓	
asc. node	-11746 Jul 14 j 03:14	29°♓44'07	
	-11746 Jul 14 j 08:18	0°♈	
	-11746 Aug 07 j 05:25	0°♉	
	-11746 Aug 31 j 02:03	0°♊	
	-11746 Sep 24 j 01:55	0°♋	
morning set	-11746 Oct 02 j 08:32	10°♋17'22	
	-11746 Oct 18 j 06:33	0°♌	
desc. node	-11746 Nov 04 j 10:01	21°♌07'38	
	-11746 Nov 11 j 15:13	0°♍	
superior conj	-11746 Nov 12 j 21:18	1°♍32'22	-0°18'54
minimum elong	-11746 Nov 12 j 16:57	1°♍19'01	0°18'20
max. Earth dist.	-11746 Nov 15 j 01:27	4°♍12'31	1.73302 AU
	-11746 Dec 06 j 01:56	0°♎	
evening rise	-11746 Dec 21 j 08:44	18°♎44'31	
	-11746 Dec 30 j 13:07	0°♏	
	-11745 Jan 24 j 00:54	0°♐	
greatest brilliancy	-11745 Jan 25 j 18:45	2°♐07'56	-3.9m
	-11745 Feb 17 j 15:07	0°♑	
asc. node	-11745 Feb 23 j 14:39	7°♑15'41	
	-11745 Mar 14 j 10:16	0°♒	
	-11745 Apr 08 j 12:54	0°♓	
	-11745 May 04 j 03:08	0°♈	
	-11745 May 30 j 16:24	0°♉	
desc. node	-11745 Jun 17 j 05:19	18°♉34'27	
evening max el	-11745 Jun 17 j 21:44	19°♉15'57	47°49'53
	-11745 Jun 28 j 23:22	0°♊	
greatest brilliancy	-11745 Jul 29 j 16:10	21°♊18'16	-4.9m
retrograde	-11745 Aug 08 j 01:41	23°♊01'16	
evening set	-11745 Aug 25 j 06:08	17°♊09'35	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

inferior conj	-11745 Aug 28 j 20:31	14°♊55'21	-7°45'34
minimum elong	-11745 Aug 29 j 04:52	14°♊42'16	7°43'42
min. Earth dist.	-11745 Aug 28 j 06:31	15°♊17'23	0.27066 AU
morning rise	-11745 Sep 02 j 03:53	12°♊16'55	
direct	-11745 Sep 18 j 02:32	7°♊09'20	
greatest brilliancy	-11745 Sep 27 j 14:31	8°♊54'10	-4.9m
asc. node	-11745 Oct 06 j 14:44	13°♊13'29	
	-11745 Oct 28 j 04:12	0°♋	
morning max el	-11745 Nov 06 j 19:40	9°♋11'03	46°12'32
	-11745 Nov 26 j 21:55	0°♌	
	-11745 Dec 24 j 01:29	0°♍	
	-11744 Jan 19 j 05:58	0°♎	
desc. node	-11744 Jan 28 j 00:58	10°♎14'46	
	-11744 Feb 13 j 19:12	0°♏	
	-11744 Mar 09 j 19:04	0°♐	
	-11744 Apr 03 j 07:17	0°♑	
	-11744 Apr 27 j 10:30	0°♒	
morning set	-11744 May 01 j 05:56	4°♒46'04	
asc. node	-11744 May 18 j 01:50	25°♒54'34	
	-11744 May 21 j 07:45	0°♓	
max. Earth dist.	-11744 Jun 06 j 14:26	20°♓32'44	1.70918 AU
superior conj	-11744 Jun 07 j 15:13	21°♓51'00	0°45'21
minimum elong	-11744 Jun 07 j 06:29	21°♓23'26	0°44'53
	-11744 Jun 14 j 01:59	0°♈	
	-11744 Jul 07 j 19:56	0°♉	
evening rise	-11744 Jul 17 j 13:50	12°♉17'04	
	-11744 Jul 31 j 16:07	0°♊	
	-11744 Aug 24 j 16:31	0°♋	
desc. node	-11744 Sep 08 j 11:02	18°♋18'42	
	-11744 Sep 17 j 22:26	0°♌	
	-11744 Oct 12 j 10:49	0°♍	
	-11744 Nov 06 j 08:04	0°♎	
	-11744 Dec 01 j 21:03	0°♏	
asc. node	-11744 Dec 28 j 19:38	0°♐01'41	
	-11744 Dec 28 j 19:00	0°♐	
evening max el	-11743 Jan 18 j 23:39	21°♐28'27	44°53'01
	-11743 Jan 28 j 09:42	0°♑	
greatest brilliancy	-11743 Feb 25 j 21:47	18°♑20'59	-4.7m
retrograde	-11743 Mar 07 j 23:06	20°♑06'57	
evening set	-11743 Mar 23 j 20:53	15°♑27'13	
inferior conj	-11743 Mar 29 j 03:13	12°♑23'24	5°04'15
minimum elong	-11743 Mar 29 j 12:16	12°♑09'44	5°01'32
min. Earth dist.	-11743 Mar 30 j 10:17	11°♑36'36	0.28026 AU
morning rise	-11743 Apr 04 j 02:48	8°♑54'13	
direct	-11743 Apr 19 j 18:05	4°♑19'53	
desc. node	-11743 Apr 21 j 11:07	4°♑23'15	
greatest brilliancy	-11743 May 01 j 11:21	6°♑48'02	-4.8m
	-11743 Jun 02 j 09:37	0°♒	
morning max el	-11743 Jun 09 j 01:11	6°♒30'15	46°37'11
	-11743 Jun 30 j 23:53	0°♓	
	-11743 Jul 26 j 18:18	0°♈	
asc. node	-11743 Aug 10 j 16:45	18°♈02'13	
	-11743 Aug 20 j 11:43	0°♉	
	-11743 Sep 13 j 20:12	0°♊	
	-11743 Oct 08 j 04:05	0°♋	
	-11743 Nov 01 j 15:04	0°♌	
	-11743 Nov 26 j 05:07	0°♍	
desc. node	-11743 Dec 01 j 23:33	7°♍01'41	
morning set	-11743 Dec 15 j 09:59	23°♍23'58	
	-11743 Dec 20 j 19:55	0°♎	
	-11742 Jan 14 j 08:50	0°♏	
max. Earth dist.	-11742 Jan 18 j 11:15	5°♏01'39	1.73779 AU
superior conj	-11742 Jan 21 j 14:15	8°♏51'46	-1°19'33
minimum elong	-11742 Jan 21 j 11:43	8°♏43'59	1°19'55
	-11742 Feb 07 j 18:41	0°♐	
evening rise	-11742 Feb 25 j 17:13	22°♐07'44	
	-11742 Mar 04 j 02:07	0°♑	
asc. node	-11742 Mar 23 j 02:22	23°♑29'41	
	-11742 Mar 28 j 08:42	0°♒	
	-11742 Apr 21 j 15:57	0°♓	
	-11742 May 16 j 01:13	0°♈	
	-11742 Jun 09 j 14:37	0°♉	
	-11742 Jul 04 j 12:32	0°♊	
desc. node	-11742 Jul 14 j 15:27	11°♊58'44	
	-11742 Jul 30 j 04:12	0°♋	
	-11742 Aug 26 j 14:28	0°♌	
evening max el	-11742 Aug 28 j 01:18	1°♌29'13	47°11'11
	-11742 Sep 30 j 23:29	0°♍	
greatest brilliancy	-11742 Oct 07 j 03:32	2°♍58'26	-4.8m
retrograde	-11742 Oct 17 j 22:05	5°♍11'37	
evening set	-11742 Nov 01 j 19:21	0°♍39'14	
	-11742 Nov 02 j 22:10	30°℞♌	
asc. node	-11742 Nov 03 j 01:32	29°♌54'58	
min. Earth dist.	-11742 Nov 07 j 10:52	27°♌08'30	0.28534 AU
inferior conj	-11742 Nov 08 j 00:19	26°♌46'39	1°09'20
minimum elong	-11742 Nov 07 j 21:57	26°♌50'29	1°09'02
morning rise	-11742 Nov 14 j 01:23	23°♌01'20	
direct	-11742 Nov 29 j 04:13	18°♌28'42	
greatest brilliancy	-11742 Dec 08 j 03:00	19°♌57'55	-4.7m
	-11742 Dec 26 j 10:33	0°♍	
morning max el	-11741 Jan 16 j 21:18	18°♍14'27	45°59'32
	-11741 Jan 28 j 20:39	0°♎	
desc. node	-11741 Feb 24 j 14:00	28°♎28'53	
	-11741 Feb 25 j 22:51	0°♏	
	-11741 Mar 24 j 05:06	0°♐	
	-11741 Apr 18 j 09:47	0°♑	
	-11741 May 12 j 21:29	0°♒	
	-11741 Jun 05 j 22:11	0°♓	
greatest brilliancy	-11741 Jun 15 j 06:54	11°♓47'30	-3.9m
asc. node	-11741 Jun 15 j 15:32	12°♓14'43	
	-11741 Jun 29 j 16:44	0°♈	
morning set	-11741 Jul 13 j 15:52	17°♈40'56	
	-11741 Jul 23 j 09:20	0°♉	
	-11741 Aug 16 j 03:31	0°♊	
superior conj	-11741 Aug 24 j 10:44	10°♊26'13	1°17'09
minimum elong	-11741 Aug 24 j 19:02	10°♊52'16	1°17'38
max. Earth dist.	-11741 Aug 31 j 22:52	19°♊50'50	1.71335 AU
	-11741 Sep 09 j 01:43	0°♋	
	-11741 Oct 03 j 04:49	0°♌	
evening rise	-11741 Oct 06 j 22:00	4°♌35'53	
desc. node	-11741 Oct 06 j 23:11	4°♌39'33	
	-11741 Oct 27 j 12:23	0°♍	
	-11741 Nov 20 j 23:43	0°♎	
	-11741 Dec 15 j 15:32	0°♏	
	-11740 Jan 09 j 15:03	0°♐	
asc. node	-11740 Jan 26 j 06:00	19°♐36'55	
	-11740 Feb 04 j 04:28	0°♑	
	-11740 Mar 01 j 18:16	0°♒	
	-11740 Mar 30 j 10:40	0°♓	
evening max el	-11740 Apr 01 j 23:09	2°♓26'43	46°12'34
	-11740 May 07 j 23:09	0°♈	
greatest brilliancy	-11740 May 12 j 01:36	1°♈38'13	-4.9m
desc. node	-11740 May 18 j 21:34	3°♈11'35	
retrograde	-11740 May 21 j 17:49	3°♈20'53	
	-11740 Jun 03 j 22:51	30°℞♓	
evening set	-11740 Jun 05 j 18:14	29°♓05'12	
min. Earth dist.	-11740 Jun 11 j 04:31	25°♓59'55	0.26409 AU
inferior conj	-11740 Jun 11 j 12:46	25°♓47'41	-5°26'25
minimum elong	-11740 Jun 11 j 02:44	26°♓02'34	5°24'03
morning rise	-11740 Jun 16 j 11:00	22°♓57'00	
direct	-11740 Jul 01 j 21:51	18°♓19'57	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

greatest brilliancy	-11740 Jul 12 j 15:10	20°♓28'42	-4.9m	
	-11740 Jul 28 j 18:15	0°♈		
morning max el	-11740 Aug 21 j 11:13	21°♈33'34	46°36'57	
	-11740 Aug 29 j 12:47	0°♉		
asc. node	-11740 Sep 07 j 05:22	9°♉27'59		
	-11740 Sep 25 j 07:53	0°♊		
	-11740 Oct 20 j 21:47	0°♋		
	-11740 Nov 15 j 03:24	0°♌		
	-11740 Dec 10 j 06:40	0°♍		
desc. node	-11740 Dec 29 j 13:28	23°♍05'43		
	-11739 Jan 04 j 07:22	0°♎		
	-11739 Jan 29 j 03:09	0°♏		
morning set	-11739 Feb 21 j 09:58	28°♏26'23		
	-11739 Feb 22 j 16:26	0°♐		
	-11739 Mar 18 j 23:23	0°♑		
max. Earth dist.	-11739 Mar 23 j 22:00	6°♑08'17	1.72628 AU	
superior conj	-11739 Mar 28 j 09:26	11°♑42'21	-0°48'02	
minimum elong	-11739 Mar 28 j 16:51	12°♑05'28	0°48'25	
	-11739 Apr 12 j 01:36	0°♒		
asc. node	-11739 Apr 19 j 14:50	9°♒26'08		
evening rise	-11739 May 03 j 04:37	26°♒25'32		
	-11739 May 06 j 01:07	0°♓		
	-11739 May 29 j 23:50	0°♈		
	-11739 Jun 22 j 23:39	0°♉		
	-11739 Jul 17 j 02:45	0°♊		
	-11739 Aug 10 j 11:49	0°♋		
desc. node	-11739 Aug 11 j 01:58	0°♋43'14		
	-11739 Sep 04 j 06:34	0°♌		
	-11739 Sep 29 j 18:18	0°♍		
	-11739 Oct 26 j 19:01	0°♎		
evening max el	-11739 Nov 06 j 10:56	10°♎54'18	45°26'09	
	-11739 Nov 28 j 03:07	0°♏		
asc. node	-11739 Nov 30 j 11:55	1°♏42'45		
greatest brilliancy	-11739 Dec 13 j 23:45	9°♏15'38	-4.7m	
retrograde	-11739 Dec 25 j 06:27	11°♏34'53		
evening set	-11738 Jan 11 j 08:31	5°♏57'54		
inferior conj	-11738 Jan 15 j 16:27	3°♏16'42	7°45'24	
minimum elong	-11738 Jan 15 j 11:25	3°♏24'41	7°44'39	
min. Earth dist.	-11738 Jan 16 j 00:20	3°♏04'12	0.29593 AU	
morning rise	-11738 Jan 19 j 14:14	0°♏50'08		
	-11738 Jan 20 j 23:56	30°℞♎		
direct	-11738 Feb 06 j 15:56	24°♎43'00		
greatest brilliancy	-11738 Feb 16 j 16:23	26°♎30'41	-4.7m	
	-11738 Feb 24 j 11:51	0°♏		
desc. node	-11738 Mar 24 j 02:02	21°♏10'30		
morning max el	-11738 Mar 27 j 22:28	24°♏48'55	46°13'02	
	-11738 Apr 02 j 05:32	0°♐		
	-11738 Apr 30 j 06:28	0°♑		
	-11738 May 26 j 01:05	0°♒		
	-11738 Jun 19 j 17:35	0°♓		
asc. node	-11738 Jul 13 j 05:30	29°♓13'25		
	-11738 Jul 13 j 20:23	0°♈		
	-11738 Aug 06 j 17:13	0°♉		
	-11738 Aug 30 j 13:38	0°♊		
	-11738 Sep 23 j 13:22	0°♋		
morning set	-11738 Sep 29 j 18:38	7°♋44'13		
	-11738 Oct 17 j 17:53	0°♌		
desc. node	-11738 Nov 03 j 12:03	20°♌39'17		
superior conj	-11738 Nov 10 j 10:09	29°♌09'58	-0°15'29	
minimum elong	-11738 Nov 10 j 06:33	28°♌58'52	0°14'57	
behind sun begin	-11738 Nov 09 j 21:08	28°♌29'56		
behind sun end	-11738 Nov 10 j 15:58	29°♌27'49		
	-11738 Nov 11 j 02:27	0°♍		
max. Earth dist.	-11738 Nov 12 j 20:06	2°♍07'57	1.73254 AU	
	-11738 Dec 05 j 13:05	0°♎		
evening rise	-11738 Dec 19 j 02:18	16°♎37'11		
	-11738 Dec 30 j 00:16	0°♏		
	-11737 Jan 23 j 12:12	0°♐		
	-11737 Feb 17 j 02:48	0°♑		
asc. node	-11737 Feb 22 j 16:57	6°♑46'51		
	-11737 Mar 13 j 22:38	0°♒		
	-11737 Apr 08 j 02:22	0°♓		
	-11737 May 03 j 18:24	0°♈		
	-11737 May 30 j 11:14	0°♉		
evening max el	-11737 Jun 15 j 13:21	16°♉54'59	47°48'29	
desc. node	-11737 Jun 16 j 07:42	17°♉41'08		
	-11737 Jun 29 j 05:32	0°♊		
greatest brilliancy	-11737 Jul 27 j 05:37	18°♊50'01	-4.9m	
retrograde	-11737 Aug 05 j 15:58	20°♊33'09		
evening set	-11737 Aug 22 j 22:25	14°♊38'04		
inferior conj	-11737 Aug 26 j 10:02	12°♊28'07	-7°56'07	
minimum elong	-11737 Aug 26 j 17:55	12°♊15'45	7°54'26	
min. Earth dist.	-11737 Aug 25 j 19:16	12°♊51'18	0.27027 AU	
morning rise	-11737 Aug 30 j 13:44	9°♊55'25		
direct	-11737 Sep 15 j 16:15	4°♊43'31		
greatest brilliancy	-11737 Sep 25 j 03:19	6°♊27'47	-4.9m	
asc. node	-11737 Oct 05 j 16:54	11°♊44'35		
	-11737 Oct 28 j 07:41	0°♋		
morning max el	-11737 Nov 04 j 10:31	6°♋51'49	46°13'15	
	-11737 Nov 26 j 15:37	0°♌		
	-11737 Dec 23 j 16:00	0°♍		
	-11736 Jan 18 j 18:56	0°♎		
desc. node	-11736 Jan 27 j 03:06	9°♎44'07		
	-11736 Feb 13 j 07:16	0°♏		
	-11736 Mar 09 j 06:37	0°♐		
	-11736 Apr 02 j 18:34	0°♑		
	-11736 Apr 26 j 21:42	0°♒		
morning set	-11736 Apr 28 j 23:40	2°♒36'17		
asc. node	-11736 May 17 j 04:02	25°♒26'05		
	-11736 May 20 j 19:00	0°♓		
max. Earth dist.	-11736 Jun 03 j 19:06	17°♓40'12	1.70959 AU	
superior conj	-11736 Jun 05 j 05:28	19°♓28'44	0°42'24	
minimum elong	-11736 Jun 04 j 21:12	19°♓02'37	0°41'53	
	-11736 Jun 13 j 13:20	0°♈		
	-11736 Jul 07 j 07:24	0°♉		
evening rise	-11736 Jul 14 j 23:19	9°♉39'29		
	-11736 Jul 31 j 03:42	0°♊		
	-11736 Aug 24 j 04:15	0°♋		
desc. node	-11736 Sep 07 j 13:11	17°♋48'50		
	-11736 Sep 17 j 10:21	0°♌		
	-11736 Oct 11 j 23:02	0°♍		
	-11736 Nov 05 j 20:55	0°♎		
	-11736 Dec 01 j 11:13	0°♏		
asc. node	-11736 Dec 27 j 22:02	29°♏21'49		
	-11736 Dec 28 j 12:26	0°♐		
evening max el	-11735 Jan 16 j 14:08	19°♐13'53	44°52'07	
	-11735 Jan 28 j 15:30	0°♑		
greatest brilliancy	-11735 Feb 23 j 12:03	16°♑07'17	-4.7m	
retrograde	-11735 Mar 05 j 12:35	17°♑53'02		
evening set	-11735 Mar 21 j 13:53	13°♑09'21		
inferior conj	-11735 Mar 26 j 17:49	10°♑08'35	5°19'45	
minimum elong	-11735 Mar 27 j 03:00	9°♑54'43	5°17'06	
min. Earth dist.	-11735 Mar 28 j 01:35	9°♑20'38	0.28105 AU	
morning rise	-11735 Apr 01 j 15:13	6°♑41'40		
direct	-11735 Apr 17 j 09:04	2°♑03'29		
desc. node	-11735 Apr 20 j 13:11	2°♑14'54		
greatest brilliancy	-11735 Apr 29 j 02:27	4°♑30'55	-4.8m	
	-11735 Jun 02 j 10:49	0°♒		
morning max el	-11735 Jun 06 j 14:48	4°♒06'42	46°36'32	
	-11735 Jun 30 j 17:04	0°♓		
	-11735 Jul 26 j 08:52	0°♈		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

asc. node	-11735 Aug 09 j 18:57	17°♈27'03	
	-11735 Aug 20 j 01:02	0°♉	
	-11735 Sep 13 j 08:49	0°♊	
	-11735 Oct 07 j 16:14	0°♋	
	-11735 Nov 01 j 02:51	0°♌	
	-11735 Nov 25 j 16:37	0°♍	
desc. node	-11735 Dec 01 j 01:47	6°♍33'40	
morning set	-11735 Dec 13 j 01:29	21°♍10'24	
	-11735 Dec 20 j 07:11	0°♎	
	-11734 Jan 13 j 19:59	0°♏	
max. Earth dist.	-11734 Jan 16 j 06:52	3°♏00'29	1.73792 AU
superior conj	-11734 Jan 19 j 09:10	6°♏48'21	-1°19'02
minimum elong	-11734 Jan 19 j 06:03	6°♏38'48	1°19'23
	-11734 Feb 07 j 05:49	0°♐	
evening rise	-11734 Feb 23 j 13:08	20°♐06'28	
	-11734 Mar 03 j 13:22	0°♑	
asc. node	-11734 Mar 22 j 04:32	23°♑01'07	
	-11734 Mar 27 j 20:11	0°♒	
	-11734 Apr 21 j 03:48	0°♓	
	-11734 May 15 j 13:35	0°♈	
	-11734 Jun 09 j 03:43	0°♉	
	-11734 Jul 04 j 02:47	0°♊	
desc. node	-11734 Jul 13 j 17:39	11°♊21'35	
	-11734 Jul 29 j 20:34	0°♋	
evening max el	-11734 Aug 25 j 15:59	29°♋08'12	47°14'26
	-11734 Aug 26 j 12:21	0°♌	
	-11734 Oct 03 j 02:41	0°♍	
greatest brilliancy	-11734 Oct 04 j 22:21	0°♍45'49	-4.8m
retrograde	-11734 Oct 15 j 14:33	2°♍57'18	
	-11734 Oct 27 j 12:12	30°℞♌	
evening set	-11734 Oct 30 j 12:19	28°♌24'38	
asc. node	-11734 Nov 02 j 03:49	26°♌49'24	
min. Earth dist.	-11734 Nov 05 j 03:52	24°♌54'05	0.28476 AU
inferior conj	-11734 Nov 05 j 16:58	24°♌32'47	0°49'51
minimum elong	-11734 Nov 05 j 15:15	24°♌35'35	0°49'46
morning rise	-11734 Nov 11 j 18:57	20°♌46'02	
direct	-11734 Nov 26 j 19:22	16°♌15'41	
greatest brilliancy	-11734 Dec 05 j 19:29	17°♌45'49	-4.7m
	-11734 Dec 27 j 00:48	0°♍	
morning max el	-11733 Jan 14 j 12:32	16°♍02'14	45°59'35
	-11733 Jan 28 j 15:39	0°♎	
desc. node	-11733 Feb 23 j 16:07	27°♎53'08	
	-11733 Feb 25 j 13:41	0°♏	
	-11733 Mar 23 j 18:13	0°♐	
	-11733 Apr 17 j 22:02	0°♑	
	-11733 May 12 j 09:17	0°♒	
	-11733 Jun 05 j 09:44	0°♓	
asc. node	-11733 Jun 14 j 17:52	11°♓45'46	
greatest brilliancy	-11733 Jun 15 j 04:35	12°♓19'36	-3.9m
	-11733 Jun 29 j 04:10	0°♈	
morning set	-11733 Jul 11 j 02:59	15°♈07'55	
	-11733 Jul 22 j 20:45	0°♉	
	-11733 Aug 15 j 14:58	0°♊	
superior conj	-11733 Aug 21 j 19:09	7°♊46'01	1°18'33
minimum elong	-11733 Aug 22 j 02:34	8°♊09'17	1°19'02
max. Earth dist.	-11733 Aug 29 j 00:47	16°♊50'44	1.71277 AU
	-11733 Sep 08 j 13:10	0°♋	
	-11733 Oct 02 j 16:17	0°♌	
evening rise	-11733 Oct 04 j 07:00	1°♌59'48	
desc. node	-11733 Oct 06 j 01:17	4°♌10'35	
	-11733 Oct 26 j 23:52	0°♍	
	-11733 Nov 20 j 11:20	0°♎	
	-11733 Dec 15 j 03:28	0°♏	
	-11732 Jan 09 j 03:41	0°♐	
asc. node	-11732 Jan 25 j 08:16	19°♐04'30	
	-11732 Feb 03 j 18:25	0°♑	
	-11732 Mar 01 j 10:59	0°♒	
	-11732 Mar 30 j 10:44	0°♓	
evening max el	-11732 Mar 30 j 11:59	0°♓03'01	46°08'47
greatest brilliancy	-11732 May 09 j 12:18	29°♓07'37	-4.8m
	-11732 May 12 j 11:35	0°♈	
desc. node	-11732 May 17 j 23:58	0°♈49'23	
retrograde	-11732 May 19 j 05:41	0°♈51'10	
	-11732 May 25 j 19:20	30°℞♓	
evening set	-11732 Jun 03 j 02:57	26°♓39'03	
min. Earth dist.	-11732 Jun 08 j 17:15	23°♓28'45	0.26420 AU
inferior conj	-11732 Jun 09 j 00:19	23°♓18'20	-5°06'52
minimum elong	-11732 Jun 08 j 14:33	23°♓32'44	5°04'31
morning rise	-11732 Jun 14 j 01:56	20°♓23'35	
direct	-11732 Jun 29 j 10:12	15°♓50'07	
greatest brilliancy	-11732 Jul 10 j 04:58	18°♓00'35	-4.9m
	-11732 Jul 29 j 11:06	0°♈	
morning max el	-11732 Aug 19 j 00:46	19°♈06'23	46°37'35
	-11732 Aug 29 j 09:01	0°♉	
asc. node	-11732 Sep 06 j 07:34	8°♉43'11	
	-11732 Sep 24 j 23:38	0°♊	
	-11732 Oct 20 j 11:38	0°♋	
	-11732 Nov 14 j 16:10	0°♌	
	-11732 Dec 09 j 18:46	0°♍	
desc. node	-11732 Dec 28 j 15:37	22°♍36'59	
	-11731 Jan 03 j 18:59	0°♎	
	-11731 Jan 28 j 14:27	0°♏	
morning set	-11731 Feb 19 j 05:05	26°♏23'38	
	-11731 Feb 22 j 03:33	0°♐	
	-11731 Mar 18 j 10:27	0°♑	
max. Earth dist.	-11731 Mar 21 j 18:11	4°♑07'26	1.72685 AU
superior conj	-11731 Mar 26 j 04:35	9°♑38'07	-0°50'24
minimum elong	-11731 Mar 26 j 12:09	10°♑01'37	0°50'47
	-11731 Apr 11 j 12:45	0°♒	
asc. node	-11731 Apr 18 j 17:02	8°♒58'02	
evening rise	-11731 Apr 30 j 22:04	24°♒14'32	
	-11731 May 05 j 12:26	0°♓	
	-11731 May 29 j 11:23	0°♈	
	-11731 Jun 22 j 11:27	0°♉	
	-11731 Jul 16 j 14:50	0°♊	
desc. node	-11731 Aug 10 j 04:09	0°♋11'40	
	-11731 Aug 10 j 00:20	0°♋	
	-11731 Sep 03 j 19:50	0°♌	
	-11731 Sep 29 j 09:05	0°♍	
	-11731 Oct 26 j 13:45	0°♎	
evening max el	-11731 Nov 04 j 04:01	8°♎44'46	45°29'03
	-11731 Nov 28 j 19:18	0°♏	
asc. node	-11731 Nov 29 j 14:21	0°♏32'42	
greatest brilliancy	-11731 Dec 11 j 16:24	7°♏08'35	-4.7m
retrograde	-11731 Dec 23 j 00:15	9°♏28'45	
evening set	-11730 Jan 08 j 23:49	3°♏54'31	
inferior conj	-11730 Jan 13 j 09:49	1°♏09'46	7°39'52
minimum elong	-11730 Jan 13 j 04:17	1°♏18'34	7°39'03
min. Earth dist.	-11730 Jan 13 j 16:03	0°♏59'52	0.29596 AU
	-11730 Jan 15 j 05:53	30°℞♎	
morning rise	-11730 Jan 17 j 08:44	28°♎41'18	
direct	-11730 Feb 04 j 09:32	22°♎36'07	
greatest brilliancy	-11730 Feb 14 j 07:02	24°♎21'37	-4.7m
	-11730 Feb 25 j 20:16	0°♏	
desc. node	-11730 Mar 23 j 04:12	20°♏20'06	
morning max el	-11730 Mar 25 j 15:24	22°♏40'38	46°12'06
	-11730 Apr 02 j 01:46	0°♐	
	-11730 Apr 29 j 21:45	0°♑	
	-11730 May 25 j 14:30	0°♒	
	-11730 Jun 19 j 06:07	0°♓	
asc. node	-11730 Jul 12 j 07:36	28°♓42'11	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11730 Jul 13 j 08:25	0°♈		
	-11730 Aug 06 j 04:57	0°♉		
	-11730 Aug 30 j 01:09	0°♊		
	-11730 Sep 23 j 00:42	0°♋		
morning set	-11730 Sep 27 j 05:09	5°♋12'36		
	-11730 Oct 17 j 05:04	0°♌		
desc. node	-11730 Nov 02 j 14:20	20°♌12'05		
superior conj	-11730 Nov 07 j 23:04	26°♌48'01	-0°12'03	
minimum elong	-11730 Nov 07 j 20:15	26°♌39'20	0°11'31	
behind sun begin	-11730 Nov 07 j 02:12	25°♌43'52		
behind sun end	-11730 Nov 08 j 14:17	27°♌34'49		
max. Earth dist.	-11730 Nov 10 j 17:01	0°♍10'44	1.73207 AU	
	-11730 Nov 10 j 13:32	0°♍		
	-11730 Dec 05 j 00:07	0°♎		
evening rise	-11730 Dec 16 j 19:47	14°♎29'48		
	-11730 Dec 29 j 11:20	0°♏		
	-11729 Jan 22 j 23:27	0°♐		
	-11729 Feb 16 j 14:28	0°♑		
asc. node	-11729 Feb 21 j 19:08	6°♑17'45		
	-11729 Mar 13 j 11:01	0°♒		
	-11729 Apr 07 j 15:53	0°♓		
	-11729 May 03 j 09:48	0°♈		
	-11729 May 30 j 06:27	0°♉		
evening max el	-11729 Jun 13 j 04:42	14°♉33'26	47°46'49	
desc. node	-11729 Jun 15 j 09:57	16°♉46'34		
	-11729 Jun 29 j 13:50	0°♊		
greatest brilliancy	-11729 Jul 24 j 19:32	16°♊22'29	-4.9m	
retrograde	-11729 Aug 03 j 05:50	18°♊04'54		
evening set	-11729 Aug 20 j 14:31	12°♊07'05		
inferior conj	-11729 Aug 23 j 23:28	10°♊01'12	-8°05'51	
minimum elong	-11729 Aug 24 j 06:50	9°♊49'38	8°04'20	
min. Earth dist.	-11729 Aug 23 j 08:18	10°♊25'01	0.26982 AU	
morning rise	-11729 Aug 27 j 23:26	7°♊34'03		
direct	-11729 Sep 13 j 05:38	2°♊18'05		
greatest brilliancy	-11729 Sep 22 j 16:25	4°♊02'02	-4.9m	
asc. node	-11729 Oct 04 j 19:09	10°♊19'25		
	-11729 Oct 28 j 09:21	0°♋		
morning max el	-11729 Nov 02 j 00:24	4°♋30'48	46°14'06	
	-11729 Nov 26 j 08:37	0°♌		
	-11729 Dec 23 j 06:03	0°♍		
	-11728 Jan 18 j 07:33	0°♎		
desc. node	-11728 Jan 26 j 05:09	9°♎14'03		
	-11728 Feb 12 j 19:05	0°♏		
	-11728 Mar 08 j 17:58	0°♐		
	-11728 Apr 02 j 05:41	0°♑		
	-11728 Apr 26 j 08:44	0°♒		
morning set	-11728 Apr 26 j 17:20	0°♒26'54		
asc. node	-11728 May 16 j 06:20	24°♒58'33		
	-11728 May 20 j 06:03	0°♓		
max. Earth dist.	-11728 Jun 01 j 01:06	14°♓52'42	1.71002 AU	
superior conj	-11728 Jun 02 j 19:48	17°♓07'27	0°39'21	
minimum elong	-11728 Jun 02 j 12:01	16°♓42'53	0°38'50	
	-11728 Jun 13 j 00:28	0°♈		
	-11728 Jul 06 j 18:39	0°♉		
evening rise	-11728 Jul 12 j 09:04	7°♉03'31		
	-11728 Jul 30 j 15:05	0°♊		
	-11728 Aug 23 j 15:46	0°♋		
desc. node	-11728 Sep 06 j 15:22	17°♋19'46		
	-11728 Sep 16 j 22:02	0°♌		
	-11728 Oct 11 j 11:00	0°♍		
	-11728 Nov 05 j 09:27	0°♎		
	-11728 Dec 01 j 01:07	0°♏		
asc. node	-11728 Dec 27 j 00:15	28°♏42'07		
	-11728 Dec 28 j 05:48	0°♐		
evening max el	-11727 Jan 14 j 03:58	16°♐58'53	44°51'14	
	-11727 Jan 28 j 23:03	0°♑		
greatest brilliancy	-11727 Feb 21 j 01:59	13°♑54'20	-4.7m	
retrograde	-11727 Mar 03 j 02:22	15°♑40'33		
evening set	-11727 Mar 19 j 06:58	10°♑52'26		
inferior conj	-11727 Mar 24 j 08:31	7°♑54'55	5°34'39	
minimum elong	-11727 Mar 24 j 17:48	7°♑40'54	5°32'02	
min. Earth dist.	-11727 Mar 25 j 17:03	7°♑05'45	0.28189 AU	
morning rise	-11727 Mar 30 j 03:39	4°♑30'36		
	-11727 Apr 11 j 18:51	30°℞♐		
direct	-11727 Apr 15 j 00:01	29°♐47'57		
	-11727 Apr 18 j 06:17	0°♑		
desc. node	-11727 Apr 19 j 15:33	0°♑12'13		
greatest brilliancy	-11727 Apr 26 j 18:20	2°♑15'43	-4.8m	
	-11727 Jun 02 j 10:37	0°♒		
morning max el	-11727 Jun 04 j 04:51	1°♒45'04	46°35'59	
	-11727 Jun 30 j 09:40	0°♓		
	-11727 Jul 25 j 22:59	0°♈		
asc. node	-11727 Aug 08 j 21:06	16°♈52'52		
	-11727 Aug 19 j 13:57	0°♉		
	-11727 Sep 12 j 21:03	0°♊		
	-11727 Oct 07 j 04:01	0°♋		
	-11727 Oct 31 j 14:17	0°♌		
	-11727 Nov 25 j 03:44	0°♍		
desc. node	-11727 Nov 30 j 03:55	6°♍06'25		
morning set	-11727 Dec 10 j 17:07	18°♍58'22		
	-11727 Dec 19 j 18:04	0°♎		
	-11726 Jan 13 j 06:43	0°♏		
max. Earth dist.	-11726 Jan 14 j 03:33	1°♏03'52	1.73804 AU	
superior conj	-11726 Jan 17 j 04:20	4°♏47'01	-1°18'26	
minimum elong	-11726 Jan 17 j 00:40	4°♏35'46	1°18'45	
	-11726 Feb 06 j 16:34	0°♐		
evening rise	-11726 Feb 21 j 09:22	18°♐07'24		
	-11726 Mar 03 j 00:15	0°♑		
asc. node	-11726 Mar 21 j 06:49	22°♑33'56		
	-11726 Mar 27 j 07:22	0°♒		
	-11726 Apr 20 j 15:23	0°♓		
	-11726 May 15 j 01:43	0°♈		
	-11726 Jun 08 j 16:38	0°♉		
	-11726 Jul 03 j 16:52	0°♊		
desc. node	-11726 Jul 12 j 19:50	10°♊44'58		
	-11726 Jul 29 j 12:51	0°♋		
evening max el	-11726 Aug 23 j 06:50	26°♋48'36	47°17'46	
	-11726 Aug 26 j 10:38	0°♌		
greatest brilliancy	-11726 Oct 02 j 16:45	28°♌33'37	-4.9m	
	-11726 Oct 07 j 05:59	0°♍		
retrograde	-11726 Oct 13 j 07:24	0°♍44'11		
	-11726 Oct 19 j 04:55	30°℞♌		
evening set	-11726 Oct 28 j 05:27	26°♌10'42		
asc. node	-11726 Nov 01 j 06:14	23°♌43'00		
inferior conj	-11726 Nov 03 j 09:40	22°♌19'55	0°30'14	
minimum elong	-11726 Nov 03 j 08:37	22°♌21'38	0°30'22	
min. Earth dist.	-11726 Nov 02 j 20:46	22°♌40'51	0.28418 AU	
morning rise	-11726 Nov 09 j 12:29	18°♌32'09		
direct	-11726 Nov 24 j 10:35	14°♌03'35		
greatest brilliancy	-11726 Dec 03 j 11:58	15°♌34'49	-4.7m	
	-11726 Dec 27 j 10:54	0°♍		
morning max el	-11725 Jan 12 j 04:50	13°♍53'45	45°59'48	
	-11725 Jan 28 j 09:41	0°♎		
desc. node	-11725 Feb 22 j 18:18	27°♎19'11		
	-11725 Feb 25 j 03:53	0°♏		
	-11725 Mar 23 j 06:49	0°♐		
	-11725 Apr 17 j 09:52	0°♑		
	-11725 May 11 j 20:44	0°♒		
	-11725 Jun 04 j 21:00	0°♓		
asc. node	-11725 Jun 13 j 19:57	11°♓16'53		
greatest brilliancy	-11725 Jun 15 j 02:14	12°♓52'24	-3.9m	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11725 Jun 28 j 15:22	0°♈	
morning set	-11725 Jul 08 j 14:07	12°♈35'41	
	-11725 Jul 22 j 07:57	0°♉	
	-11725 Aug 15 j 02:09	0°♊	
superior conj	-11725 Aug 19 j 03:23	5°♊05'53	1°19'46
minimum elong	-11725 Aug 19 j 09:48	5°♊26'06	1°20'16
max. Earth dist.	-11725 Aug 26 j 03:30	13°♊53'48	1.71218 AU
	-11725 Sep 08 j 00:20	0°♋	
evening rise	-11725 Oct 01 j 15:47	29°♋23'57	
	-11725 Oct 02 j 03:26	0°♌	
desc. node	-11725 Oct 05 j 03:35	3°♌43'11	
	-11725 Oct 26 j 11:04	0°♍	
	-11725 Nov 19 j 22:40	0°♎	
	-11725 Dec 14 j 15:07	0°♏	
	-11724 Jan 08 j 15:59	0°♐	
asc. node	-11724 Jan 24 j 10:33	18°♐33'12	
	-11724 Feb 03 j 08:04	0°♑	
	-11724 Mar 01 j 03:31	0°♒	
evening max el	-11724 Mar 28 j 01:42	27°♒43'05	46°04'55
	-11724 Mar 30 j 11:21	0°♓	
greatest brilliancy	-11724 May 06 j 22:31	26°♓38'01	-4.8m
retrograde	-11724 May 16 j 17:43	28°♓22'34	
desc. node	-11724 May 17 j 02:09	28°♓22'26	
evening set	-11724 May 31 j 11:59	24°♓13'52	
inferior conj	-11724 Jun 06 j 11:52	20°♓49'56	-4°46'39
minimum elong	-11724 Jun 06 j 02:29	21°♓03'47	4°44'21
min. Earth dist.	-11724 Jun 06 j 05:50	20°♓58'51	0.26441 AU
morning rise	-11724 Jun 11 j 16:47	17°♓51'09	
direct	-11724 Jun 26 j 23:12	13°♓21'16	
greatest brilliancy	-11724 Jul 07 j 18:29	15°♓32'41	-4.9m
	-11724 Jul 29 j 23:34	0°♈	
morning max el	-11724 Aug 16 j 14:38	16°♈40'23	46°38'05
	-11724 Aug 29 j 04:32	0°♉	
asc. node	-11724 Sep 05 j 09:50	7°♉59'27	
	-11724 Sep 24 j 15:02	0°♊	
	-11724 Oct 20 j 01:10	0°♋	
	-11724 Nov 14 j 04:39	0°♌	
	-11724 Dec 09 j 06:34	0°♍	
desc. node	-11724 Dec 27 j 17:38	22°♍08'39	
	-11723 Jan 03 j 06:19	0°♎	
	-11723 Jan 28 j 01:29	0°♏	
morning set	-11723 Feb 17 j 00:34	24°♏22'52	
	-11723 Feb 21 j 14:23	0°♐	
	-11723 Mar 17 j 21:13	0°♑	
max. Earth dist.	-11723 Mar 19 j 13:37	2°♑05'20	1.72737 AU
superior conj	-11723 Mar 24 j 00:17	7°♑36'35	-0°52'40
minimum elong	-11723 Mar 24 j 07:55	8°♑00'19	0°53'02
	-11723 Apr 10 j 23:35	0°♒	
asc. node	-11723 Apr 17 j 19:25	8°♒31'26	
evening rise	-11723 Apr 28 j 16:04	22°♒06'19	
	-11723 May 04 j 23:28	0°♓	
	-11723 May 28 j 22:41	0°♈	
	-11723 Jun 21 j 23:04	0°♉	
	-11723 Jul 16 j 02:49	0°♊	
desc. node	-11723 Aug 09 j 06:24	29°♊40'26	
	-11723 Aug 09 j 12:49	0°♋	
	-11723 Sep 03 j 09:07	0°♌	
	-11723 Sep 28 j 23:59	0°♍	
	-11723 Oct 26 j 08:55	0°♎	
evening max el	-11723 Nov 01 j 20:47	6°♎34'31	45°32'07
asc. node	-11723 Nov 28 j 16:31	29°♎20'29	
	-11723 Nov 29 j 17:03	0°♏	
greatest brilliancy	-11723 Dec 09 j 09:47	5°♏02'43	-4.7m
retrograde	-11723 Dec 20 j 17:44	7°♏22'58	
evening set	-11722 Jan 06 j 15:09	1°♏51'48	
	-11722 Jan 09 j 15:37	30°℞♎	
inferior conj	-11722 Jan 11 j 03:15	29°♎03'23	7°33'47
minimum elong	-11722 Jan 10 j 21:14	29°♎12'58	7°32'54
min. Earth dist.	-11722 Jan 11 j 08:04	28°♎55'43	0.29591 AU
morning rise	-11722 Jan 15 j 03:22	26°♎32'45	
direct	-11722 Feb 02 j 03:06	20°♎29'53	
greatest brilliancy	-11722 Feb 11 j 21:53	22°♎13'10	-4.7m
	-11722 Feb 26 j 19:20	0°♏	
desc. node	-11722 Mar 22 j 06:27	19°♏31'17	
morning max el	-11722 Mar 23 j 07:38	20°♏31'20	46°11'20
	-11722 Apr 01 j 21:12	0°♐	
	-11722 Apr 29 j 12:37	0°♑	
	-11722 May 25 j 03:37	0°♒	
	-11722 Jun 18 j 18:23	0°♓	
asc. node	-11722 Jul 11 j 09:48	28°♓11'55	
	-11722 Jul 12 j 20:17	0°♈	
	-11722 Aug 05 j 16:34	0°♉	
	-11722 Aug 29 j 12:37	0°♊	
	-11722 Sep 22 j 12:03	0°♋	
morning set	-11722 Sep 24 j 15:02	2°♋38'46	
	-11722 Oct 16 j 16:19	0°♌	
desc. node	-11722 Nov 01 j 16:28	19°♌44'18	
superior conj	-11722 Nov 05 j 11:12	24°♌23'29	-0°08'31
minimum elong	-11722 Nov 05 j 09:13	24°♌17'22	0°08'01
behind sun begin	-11722 Nov 04 j 10:42	23°♌08'04	
behind sun end	-11722 Nov 06 j 07:45	25°♌26'40	
max. Earth dist.	-11722 Nov 08 j 13:38	28°♌12'20	1.73154 AU
	-11722 Nov 10 j 00:40	0°♍	
	-11722 Dec 04 j 11:11	0°♎	
evening rise	-11722 Dec 14 j 12:42	12°♎20'37	
	-11722 Dec 28 j 22:26	0°♏	
	-11721 Jan 22 j 10:45	0°♐	
	-11721 Feb 16 j 02:11	0°♑	
asc. node	-11721 Feb 20 j 21:29	5°♑49'04	
	-11721 Mar 12 j 23:27	0°♒	
	-11721 Apr 07 j 05:27	0°♓	
	-11721 May 03 j 01:17	0°♈	
	-11721 May 30 j 01:59	0°♉	
evening max el	-11721 Jun 10 j 19:09	12°♉10'10	47°44'58
desc. node	-11721 Jun 14 j 12:06	15°♉51'13	
	-11721 Jun 30 j 00:40	0°♊	
greatest brilliancy	-11721 Jul 22 j 09:46	13°♊55'43	-4.9m
retrograde	-11721 Jul 31 j 19:00	15°♊36'57	
evening set	-11721 Aug 18 j 06:27	9°♊36'45	
min. Earth dist.	-11721 Aug 20 j 21:40	7°♊58'38	0.26947 AU
inferior conj	-11721 Aug 21 j 12:58	7°♊34'36	-8°14'33
minimum elong	-11721 Aug 21 j 19:44	7°♊24'00	8°13'13
morning rise	-11721 Aug 25 j 09:18	5°♊12'49	
	-11721 Sep 08 j 08:39	30°℞♉	
direct	-11721 Sep 10 j 18:45	29°♉52'42	
	-11721 Sep 13 j 05:29	0°♊	
greatest brilliancy	-11721 Sep 20 j 06:18	1°♊36'57	-4.9m
asc. node	-11721 Oct 03 j 21:32	8°♊56'58	
	-11721 Oct 28 j 09:58	0°♋	
morning max el	-11721 Oct 30 j 13:36	2°♋07'12	46°14'47
	-11721 Nov 26 j 01:32	0°♌	
	-11721 Dec 22 j 20:12	0°♍	
	-11720 Jan 17 j 20:17	0°♎	
desc. node	-11720 Jan 25 j 07:24	8°♎44'07	
	-11720 Feb 12 j 07:00	0°♏	
	-11720 Mar 08 j 05:25	0°♐	
	-11720 Apr 01 j 16:54	0°♑	
morning set	-11720 Apr 24 j 11:14	28°♑17'58	
	-11720 Apr 25 j 19:53	0°♒	
asc. node	-11720 May 15 j 08:26	24°♒30'07	
	-11720 May 19 j 17:12	0°♓	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

max. Earth dist.	-11720 May 29 j 10:13	12°♓14'43	1.71044 AU
superior conj	-11720 May 31 j 10:39	14°♓47'34	0°36'17
minimum elong	-11720 May 31 j 03:23	14°♓24'39	0°35'46
	-11720 Jun 12 j 11:41	0°♈	
	-11720 Jul 06 j 05:57	0°♉	
evening rise	-11720 Jul 09 j 19:38	4°♉29'57	
	-11720 Jul 30 j 02:30	0°♊	
	-11720 Aug 23 j 03:22	0°♋	
desc. node	-11720 Sep 05 j 17:40	16°♋50'45	
	-11720 Sep 16 j 09:51	0°♌	
	-11720 Oct 10 j 23:10	0°♍	
	-11720 Nov 04 j 22:20	0°♎	
	-11720 Nov 30 j 15:30	0°♏	
asc. node	-11720 Dec 26 j 02:34	28°♏01'12	
	-11720 Dec 27 j 23:59	0°♐	
evening max el	-11719 Jan 11 j 17:40	14°♐42'37	44°50'40
	-11719 Jan 29 j 09:55	0°♑	
greatest brilliancy	-11719 Feb 18 j 15:15	11°♑39'54	-4.7m
retrograde	-11719 Feb 28 j 16:41	13°♑27'26	
evening set	-11719 Mar 17 j 00:02	8°♑34'37	
inferior conj	-11719 Mar 21 j 23:11	5°♑40'22	5°48'52
minimum elong	-11719 Mar 22 j 08:29	5°♑26'19	5°46'20
min. Earth dist.	-11719 Mar 23 j 08:08	4°♑50'35	0.28272 AU
morning rise	-11719 Mar 27 j 15:58	2°♑19'07	
	-11719 Apr 01 j 08:21	30°℞♐	
direct	-11719 Apr 12 j 15:07	27°♐31'33	
desc. node	-11719 Apr 18 j 17:45	28°♐13'08	
	-11719 Apr 24 j 10:15	0°♑	
greatest brilliancy	-11719 Apr 24 j 10:04	29°♐59'49	-4.8m
morning max el	-11719 Jun 01 j 19:49	29°♑25'12	46°35'33
	-11719 Jun 02 j 09:42	0°♒	
	-11719 Jun 30 j 02:12	0°♓	
	-11719 Jul 25 j 13:08	0°♈	
asc. node	-11719 Aug 07 j 23:22	16°♈18'41	
	-11719 Aug 19 j 02:57	0°♉	
	-11719 Sep 12 j 09:24	0°♊	
	-11719 Oct 06 j 15:57	0°♋	
	-11719 Oct 31 j 01:54	0°♌	
	-11719 Nov 24 j 15:06	0°♍	
desc. node	-11719 Nov 29 j 05:58	5°♍38'04	
morning set	-11719 Dec 08 j 08:19	16°♍43'58	
	-11719 Dec 19 j 05:15	0°♎	
max. Earth dist.	-11718 Jan 12 j 00:17	29°♎06'20	1.73818 AU
	-11718 Jan 12 j 17:48	0°♏	
superior conj	-11718 Jan 14 j 23:01	2°♏43'09	-1°17'43
minimum elong	-11718 Jan 14 j 18:49	2°♏30'15	1°17'59
	-11718 Feb 06 j 03:39	0°♐	
evening rise	-11718 Feb 19 j 05:13	16°♐06'15	
	-11718 Mar 02 j 11:29	0°♑	
asc. node	-11718 Mar 20 j 09:07	22°♑05'51	
	-11718 Mar 26 j 18:52	0°♒	
	-11718 Apr 20 j 03:18	0°♓	
	-11718 May 14 j 14:13	0°♈	
	-11718 Jun 08 j 05:55	0°♉	
	-11718 Jul 03 j 07:21	0°♊	
desc. node	-11718 Jul 11 j 22:12	10°♊07'49	
	-11718 Jul 29 j 05:39	0°♋	
evening max el	-11718 Aug 20 j 22:33	24°♋30'41	47°21'07
	-11718 Aug 26 j 10:01	0°♌	
greatest brilliancy	-11718 Sep 30 j 10:29	26°♌20'06	-4.9m
retrograde	-11718 Oct 11 j 00:40	28°♌30'28	
evening set	-11718 Oct 25 j 22:45	23°♌55'52	
asc. node	-11718 Oct 31 j 08:22	20°♌35'23	
min. Earth dist.	-11718 Oct 31 j 13:20	20°♌27'20	0.28364 AU
inferior conj	-11718 Nov 01 j 02:22	20°♌06'15	0°10'36
minimum elong	-11718 Nov 01 j 01:59	20°♌06'52	0°10'56
transit middle	-11718 Nov 01 j 01:59	20°♌06'52	0°10'56
transit begin	-11718 Oct 31 j 22:59	20°♌11'43	
transit end	-11718 Nov 01 j 04:58	20°♌02'02	
morning rise	-11718 Nov 07 j 05:56	16°♌17'49	
direct	-11718 Nov 22 j 02:18	11°♌50'40	
greatest brilliancy	-11718 Dec 01 j 04:05	13°♌22'41	-4.8m
	-11718 Dec 27 j 18:42	0°♍	
morning max el	-11717 Jan 09 j 21:49	11°♍45'54	45°59'47
	-11717 Jan 28 j 03:45	0°♎	
desc. node	-11717 Feb 21 j 20:31	26°♎44'13	
	-11717 Feb 24 j 18:23	0°♏	
	-11717 Mar 22 j 19:47	0°♐	
	-11717 Apr 16 j 22:03	0°♑	
	-11717 May 11 j 08:30	0°♒	
	-11717 Jun 04 j 08:33	0°♓	
asc. node	-11717 Jun 12 j 22:07	10°♓47'20	
greatest brilliancy	-11717 Jun 14 j 18:17	13°♓06'41	-3.9m
	-11717 Jun 28 j 02:51	0°♈	
morning set	-11717 Jul 06 j 01:23	10°♈03'02	
	-11717 Jul 21 j 19:26	0°♉	
	-11717 Aug 14 j 13:38	0°♊	
superior conj	-11717 Aug 16 j 11:46	2°♊25'11	1°20'48
minimum elong	-11717 Aug 16 j 17:11	2°♊42'13	1°21'19
max. Earth dist.	-11717 Aug 23 j 08:42	11°♊03'31	1.71161 AU
	-11717 Sep 07 j 11:47	0°♋	
evening rise	-11717 Sep 29 j 00:37	26°♋47'18	
	-11717 Oct 01 j 14:52	0°♌	
desc. node	-11717 Oct 04 j 05:42	3°♌14'25	
	-11717 Oct 25 j 22:31	0°♍	
	-11717 Nov 19 j 10:16	0°♎	
	-11717 Dec 14 j 03:05	0°♏	
	-11716 Jan 08 j 04:42	0°♐	
asc. node	-11716 Jan 23 j 12:54	18°♐00'45	
	-11716 Feb 02 j 22:16	0°♑	
	-11716 Feb 29 j 20:52	0°♒	
evening max el	-11716 Mar 25 j 15:53	25°♒23'02	46°01'04
	-11716 Mar 30 j 13:50	0°♓	
greatest brilliancy	-11716 May 04 j 09:01	24°♓07'46	-4.8m
retrograde	-11716 May 14 j 05:30	25°♓52'42	
desc. node	-11716 May 16 j 04:18	25°♓48'15	
evening set	-11716 May 28 j 21:16	21°♓47'30	
inferior conj	-11716 Jun 03 j 23:22	18°♓20'31	-4°25'59
minimum elong	-11716 Jun 03 j 14:25	18°♓33'43	4°23'45
min. Earth dist.	-11716 Jun 03 j 18:27	18°♓27'48	0.26459 AU
morning rise	-11716 Jun 09 j 07:25	15°♓17'41	
direct	-11716 Jun 24 j 12:14	10°♓51'39	
greatest brilliancy	-11716 Jul 05 j 07:39	13°♓03'23	-4.9m
	-11716 Jul 30 j 09:15	0°♈	
morning max el	-11716 Aug 14 j 03:37	14°♈11'17	46°38'31
	-11716 Aug 28 j 23:50	0°♉	
asc. node	-11716 Sep 04 j 12:06	7°♉15'26	
	-11716 Sep 24 j 06:29	0°♊	
	-11716 Oct 19 j 14:51	0°♋	
	-11716 Nov 13 j 17:19	0°♌	
	-11716 Dec 08 j 18:34	0°♍	
desc. node	-11716 Dec 26 j 19:54	21°♍40'23	
	-11715 Jan 02 j 17:52	0°♎	
	-11715 Jan 27 j 12:45	0°♏	
morning set	-11715 Feb 14 j 19:57	22°♏20'59	
	-11715 Feb 21 j 01:30	0°♐	
	-11715 Mar 17 j 08:20	0°♑	
max. Earth dist.	-11715 Mar 17 j 07:14	29°♐56'35	1.72795 AU
superior conj	-11715 Mar 21 j 19:51	5°♑33'42	-0°54'50
minimum elong	-11715 Mar 22 j 03:32	5°♑57'32	0°55'15

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11715 Apr 10 j 10:47	0°♒	
asc. node	-11715 Apr 16 j 21:29	8°♒02'49	
evening rise	-11715 Apr 26 j 09:50	19°♒56'17	
	-11715 May 04 j 10:51	0°♓	
	-11715 May 28 j 10:18	0°♈	
	-11715 Jun 21 j 10:59	0°♉	
	-11715 Jul 15 j 15:06	0°♊	
desc. node	-11715 Aug 08 j 08:40	29°♊08'28	
	-11715 Aug 09 j 01:35	0°♋	
	-11715 Sep 02 j 22:45	0°♌	
	-11715 Sep 28 j 15:19	0°♍	
	-11715 Oct 26 j 04:50	0°♎	
evening max el	-11715 Oct 30 j 12:53	4°♎21'56	45°35'17
asc. node	-11715 Nov 27 j 18:52	28°♎06'08	
	-11715 Nov 30 j 23:35	0°♏	
greatest brilliancy	-11715 Dec 07 j 03:50	2°♏57'18	-4.7m
retrograde	-11715 Dec 18 j 11:05	5°♏17'14	
	-11714 Jan 03 j 23:20	30°℞♎	
evening set	-11714 Jan 04 j 06:35	29°♎49'17	
inferior conj	-11714 Jan 08 j 20:54	26°♎57'09	7°27'10
minimum elong	-11714 Jan 08 j 14:26	27°♎07'29	7°26'11
min. Earth dist.	-11714 Jan 09 j 00:34	26°♎51'18	0.29583 AU
morning rise	-11714 Jan 12 j 22:19	24°♎24'07	
direct	-11714 Jan 30 j 20:24	18°♎23'49	
greatest brilliancy	-11714 Feb 09 j 13:23	20°♎05'21	-4.7m
	-11714 Feb 27 j 12:35	0°♏	
morning max el	-11714 Mar 20 j 22:59	18°♏19'28	46°10'24
desc. node	-11714 Mar 21 j 08:38	18°♏42'36	
	-11714 Apr 01 j 16:20	0°♐	
	-11714 Apr 29 j 03:36	0°♑	
	-11714 May 24 j 16:57	0°♒	
	-11714 Jun 18 j 06:56	0°♓	
asc. node	-11714 Jul 10 j 12:05	27°♓41'04	
	-11714 Jul 12 j 08:22	0°♈	
	-11714 Aug 05 j 04:23	0°♉	
	-11714 Aug 29 j 00:15	0°♊	
	-11714 Sep 21 j 23:32	0°♋	
morning set	-11714 Sep 22 j 00:51	0°♋04'04	
	-11714 Oct 16 j 03:41	0°♌	
desc. node	-11714 Oct 31 j 18:32	19°♌15'55	
superior conj	-11714 Nov 02 j 23:22	21°♌58'30	-0°04'59
minimum elong	-11714 Nov 02 j 22:15	21°♌55'03	0°04'29
behind sun begin	-11714 Nov 01 j 21:17	20°♌38'14	
behind sun end	-11714 Nov 03 j 23:13	23°♌11'52	
max. Earth dist.	-11714 Nov 06 j 09:29	26°♌11'05	1.73097 AU
	-11714 Nov 09 j 11:56	0°♍	
	-11714 Dec 03 j 22:22	0°♎	
evening rise	-11714 Dec 12 j 05:41	10°♎11'10	
	-11714 Dec 28 j 09:38	0°♏	
	-11713 Jan 21 j 22:08	0°♐	
	-11713 Feb 15 j 14:01	0°♑	
asc. node	-11713 Feb 19 j 23:47	5°♑19'59	
	-11713 Mar 12 j 12:03	0°♒	
	-11713 Apr 06 j 19:17	0°♓	
	-11713 May 02 j 17:13	0°♈	
	-11713 May 29 j 22:25	0°♉	
evening max el	-11713 Jun 08 j 08:33	9°♉43'14	47°42'54
desc. node	-11713 Jun 13 j 14:31	14°♉54'18	
	-11713 Jun 30 j 15:34	0°♊	
greatest brilliancy	-11713 Jul 20 j 00:09	11°♊27'52	-4.9m
retrograde	-11713 Jul 29 j 07:45	13°♊07'51	
evening set	-11713 Aug 15 j 21:57	7°♊05'30	
min. Earth dist.	-11713 Aug 18 j 11:03	5°♊30'50	0.26908 AU
inferior conj	-11713 Aug 19 j 02:18	5°♊06'56	-8°22'27
minimum elong	-11713 Aug 19 j 08:23	4°♊57'23	8°21'16
morning rise	-11713 Aug 22 j 19:03	2°♊50'31	
	-11713 Aug 28 j 04:01	30°℞♉	
direct	-11713 Sep 08 j 07:13	27°♉26'04	
greatest brilliancy	-11713 Sep 17 j 20:23	29°♉11'20	-4.9m
	-11713 Sep 19 j 22:49	0°♊	
asc. node	-11713 Oct 02 j 23:42	7°♊36'16	
morning max el	-11713 Oct 28 j 02:31	29°♊42'26	46°15'40
	-11713 Oct 28 j 09:35	0°♋	
	-11713 Nov 25 j 18:10	0°♌	
	-11713 Dec 22 j 10:13	0°♍	
	-11712 Jan 17 j 08:57	0°♎	
desc. node	-11712 Jan 24 j 09:31	8°♎13'55	
	-11712 Feb 11 j 18:52	0°♏	
	-11712 Mar 07 j 16:49	0°♐	
	-11712 Apr 01 j 04:04	0°♑	
morning set	-11712 Apr 22 j 05:28	26°♑10'13	
	-11712 Apr 25 j 06:59	0°♒	
asc. node	-11712 May 14 j 10:40	24°♒02'05	
	-11712 May 19 j 04:22	0°♓	
max. Earth dist.	-11712 May 26 j 22:13	9°♓45'49	1.71096 AU
superior conj	-11712 May 29 j 01:36	12°♓27'54	0°33'10
minimum elong	-11712 May 28 j 18:54	12°♓06'48	0°32'38
	-11712 Jun 11 j 22:57	0°♈	
	-11712 Jul 05 j 17:22	0°♉	
evening rise	-11712 Jul 07 j 06:10	1°♉55'57	
	-11712 Jul 29 j 14:03	0°♊	
	-11712 Aug 22 j 15:03	0°♋	
desc. node	-11712 Sep 04 j 19:49	16°♋21'02	
	-11712 Sep 15 j 21:43	0°♌	
	-11712 Oct 10 j 11:23	0°♍	
	-11712 Nov 04 j 11:14	0°♎	
	-11712 Nov 30 j 05:58	0°♏	
asc. node	-11712 Dec 25 j 04:58	27°♏20'21	
	-11712 Dec 27 j 18:28	0°♐	
evening max el	-11711 Jan 09 j 08:17	12°♐29'10	44°50'20
	-11711 Jan 30 j 00:02	0°♑	
greatest brilliancy	-11711 Feb 16 j 04:26	9°♑26'42	-4.7m
retrograde	-11711 Feb 26 j 07:55	11°♑15'59	
evening set	-11711 Mar 14 j 17:28	6°♑18'36	
inferior conj	-11711 Mar 19 j 14:13	3°♑27'28	6°02'17
minimum elong	-11711 Mar 19 j 23:28	3°♑13'28	5°59'51
min. Earth dist.	-11711 Mar 20 j 23:03	2°♑37'50	0.28353 AU
morning rise	-11711 Mar 25 j 04:36	0°♑09'31	
	-11711 Mar 25 j 11:31	30°℞♐	
direct	-11711 Apr 10 j 06:59	25°♐17'01	
desc. node	-11711 Apr 17 j 19:52	26°♐19'52	
greatest brilliancy	-11711 Apr 22 j 01:23	27°♐45'04	-4.8m
	-11711 Apr 26 j 21:43	0°♑	
morning max el	-11711 May 30 j 11:44	27°♑08'50	46°34'51
	-11711 Jun 02 j 07:35	0°♒	
	-11711 Jun 29 j 18:17	0°♓	
	-11711 Jul 25 j 03:06	0°♈	
asc. node	-11711 Aug 07 j 01:33	15°♈44'32	
	-11711 Aug 18 j 15:52	0°♉	
	-11711 Sep 11 j 21:42	0°♊	
	-11711 Oct 06 j 03:50	0°♋	
	-11711 Oct 30 j 13:25	0°♌	
	-11711 Nov 24 j 02:20	0°♍	
desc. node	-11711 Nov 28 j 08:13	5°♍10'49	
morning set	-11711 Dec 05 j 23:17	14°♍29'17	
	-11711 Dec 18 j 16:16	0°♎	
max. Earth dist.	-11710 Jan 09 j 22:45	27°♎14'33	1.73827 AU
	-11710 Jan 12 j 04:43	0°♏	
superior conj	-11710 Jan 12 j 17:41	0°♏39'45	-1°16'53
minimum elong	-11710 Jan 12 j 12:56	0°♏25'11	1°17'07
	-11710 Feb 05 j 14:35	0°♐	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

evening rise	-11710 Feb 17 j 01:20	14°♐06'31	
	-11710 Mar 01 j 22:32	0°♑	
asc. node	-11710 Mar 19 j 11:17	21°♑37'58	
	-11710 Mar 26 j 06:09	0°♒	
	-11710 Apr 19 j 15:00	0°♓	
	-11710 May 14 j 02:30	0°♈	
	-11710 Jun 07 j 19:02	0°♉	
	-11710 Jul 02 j 21:46	0°♊	
desc. node	-11710 Jul 11 j 00:25	9°♊30'27	
	-11710 Jul 28 j 22:37	0°♋	
evening max el	-11710 Aug 18 j 15:10	22°♋15'04	47°24'08
	-11710 Aug 26 j 10:28	0°♌	
greatest brilliancy	-11710 Sep 28 j 03:47	24°♌05'25	-4.9m
retrograde	-11710 Oct 08 j 17:55	26°♌15'39	
evening set	-11710 Oct 23 j 15:57	21°♌40'01	
min. Earth dist.	-11710 Oct 29 j 05:23	18°♌13'12	0.28306 AU
inferior conj	-11710 Oct 29 j 18:44	17°♌51'37	-0°09'25
minimum elong	-11710 Oct 29 j 19:02	17°♌51'07	0°08'51
transit middle	-11710 Oct 29 j 19:02	17°♌51'07	0°08'51
transit begin	-11710 Oct 29 j 15:40	17°♌56'35	
transit end	-11710 Oct 29 j 22:25	17°♌45'40	
asc. node	-11710 Oct 30 j 10:41	17°♌25'51	
morning rise	-11710 Nov 04 j 22:57	14°♌02'48	
direct	-11710 Nov 19 j 18:12	9°♌37'07	
greatest brilliancy	-11710 Nov 28 j 19:25	11°♌09'18	-4.8m
	-11710 Dec 28 j 00:10	0°♍	
morning max el	-11709 Jan 07 j 14:44	9°♍38'21	45°59'53
	-11709 Jan 27 j 21:10	0°♎	
desc. node	-11709 Feb 20 j 22:37	26°♎09'58	
	-11709 Feb 24 j 08:28	0°♏	
	-11709 Mar 22 j 08:23	0°♐	
	-11709 Apr 16 j 09:54	0°♑	
	-11709 May 10 j 19:56	0°♒	
	-11709 Jun 03 j 19:47	0°♓	
asc. node	-11709 Jun 12 j 00:26	10°♓19'16	
greatest brilliancy	-11709 Jun 14 j 09:57	13°♓20'45	-3.9m
	-11709 Jun 27 j 14:02	0°♈	
morning set	-11709 Jul 03 j 13:18	7°♈33'31	
	-11709 Jul 21 j 06:36	0°♉	
superior conj	-11709 Aug 13 j 20:27	29°♉46'16	1°21'39
minimum elong	-11709 Aug 14 j 00:48	29°♉59'57	1°22'10
	-11709 Aug 14 j 00:49	0°♊	
max. Earth dist.	-11709 Aug 20 j 16:23	8°♊21'45	1.71111 AU
	-11709 Sep 06 j 23:00	0°♋	
evening rise	-11709 Sep 26 j 09:01	24°♋09'47	
	-11709 Oct 01 j 02:05	0°♌	
desc. node	-11709 Oct 03 j 07:51	2°♌46'20	
	-11709 Oct 25 j 09:48	0°♍	
	-11709 Nov 18 j 21:42	0°♎	
	-11709 Dec 13 j 14:51	0°♏	
	-11708 Jan 07 j 17:13	0°♐	
asc. node	-11708 Jan 22 j 15:09	17°♐28'44	
	-11708 Feb 02 j 12:17	0°♑	
	-11708 Feb 29 j 14:13	0°♒	
evening max el	-11708 Mar 23 j 05:58	23°♒04'00	45°57'15
	-11708 Mar 30 j 17:21	0°♓	
greatest brilliancy	-11708 May 01 j 20:24	21°♓40'14	-4.8m
retrograde	-11708 May 11 j 17:01	23°♓24'43	
desc. node	-11708 May 15 j 06:43	23°♓09'50	
evening set	-11708 May 26 j 07:04	19°♓22'52	
inferior conj	-11708 Jun 01 j 11:06	15°♓53'11	-4°04'53
minimum elong	-11708 Jun 01 j 02:41	16°♓05'38	4°02'46
min. Earth dist.	-11708 Jun 01 j 07:38	15°♓58'19	0.26477 AU
morning rise	-11708 Jun 06 j 22:06	12°♓46'16	
direct	-11708 Jun 22 j 01:00	8°♓24'05	
greatest brilliancy	-11708 Jul 02 j 21:13	10°♓36'09	-4.9m
	-11708 Jul 30 j 15:45	0°♈	
morning max el	-11708 Aug 11 j 15:40	11°♈41'04	46°38'55
	-11708 Aug 28 j 18:11	0°♉	
asc. node	-11708 Sep 03 j 14:16	6°♉32'52	
	-11708 Sep 23 j 21:21	0°♊	
	-11708 Oct 19 j 04:07	0°♋	
	-11708 Nov 13 j 05:40	0°♌	
	-11708 Dec 08 j 06:18	0°♍	
desc. node	-11708 Dec 25 j 22:02	21°♍12'27	
	-11707 Jan 02 j 05:11	0°♎	
	-11707 Jan 26 j 23:45	0°♏	
morning set	-11707 Feb 12 j 15:05	20°♏19'18	
	-11707 Feb 20 j 12:19	0°♐	
max. Earth dist.	-11707 Mar 15 j 01:07	27°♐49'48	1.72851 AU
	-11707 Mar 16 j 19:07	0°♑	
superior conj	-11707 Mar 19 j 15:26	3°♑31'58	-0°56'57
minimum elong	-11707 Mar 19 j 23:07	3°♑55'49	0°57'22
	-11707 Apr 09 j 21:41	0°♒	
asc. node	-11707 Apr 15 j 23:45	7°♒35'45	
evening rise	-11707 Apr 24 j 03:49	17°♒48'04	
	-11707 May 03 j 21:57	0°♓	
	-11707 May 27 j 21:39	0°♈	
	-11707 Jun 20 j 22:36	0°♉	
	-11707 Jul 15 j 03:04	0°♊	
desc. node	-11707 Aug 07 j 10:52	28°♊37'13	
	-11707 Aug 08 j 14:04	0°♋	
	-11707 Sep 02 j 12:06	0°♌	
	-11707 Sep 28 j 06:28	0°♍	
	-11707 Oct 26 j 01:02	0°♎	
evening max el	-11707 Oct 28 j 04:06	2°♎07'46	45°38'21
asc. node	-11707 Nov 26 j 21:15	26°♎50'03	
	-11707 Dec 02 j 20:46	0°♏	
greatest brilliancy	-11707 Dec 04 j 21:49	0°♏52'00	-4.7m
retrograde	-11707 Dec 16 j 04:14	3°♏11'47	
	-11707 Dec 28 j 20:12	30°℞♎	
evening set	-11706 Jan 01 j 21:49	27°♎46'58	
inferior conj	-11706 Jan 06 j 14:27	24°♎51'14	7°19'54
minimum elong	-11706 Jan 06 j 07:35	25°♎02'13	7°18'50
min. Earth dist.	-11706 Jan 06 j 17:16	24°♎46'42	0.29575 AU
morning rise	-11706 Jan 10 j 17:21	22°♎15'36	
direct	-11706 Jan 28 j 13:07	16°♎17'56	
greatest brilliancy	-11706 Feb 07 j 05:27	17°♎58'31	-4.7m
	-11706 Feb 28 j 01:16	0°♏	
morning max el	-11706 Mar 18 j 14:00	16°♏07'32	46°09'40
desc. node	-11706 Mar 20 j 10:48	17°♏55'21	
	-11706 Apr 01 j 10:41	0°♐	
	-11706 Apr 28 j 18:04	0°♑	
	-11706 May 24 j 05:52	0°♒	
	-11706 Jun 17 j 19:06	0°♓	
asc. node	-11706 Jul 09 j 14:09	27°♓10'37	
	-11706 Jul 11 j 20:07	0°♈	
	-11706 Aug 04 j 15:53	0°♉	
	-11706 Aug 28 j 11:33	0°♊	
morning set	-11706 Sep 19 j 10:48	27°♊30'38	
	-11706 Sep 21 j 10:43	0°♋	
	-11706 Oct 15 j 14:44	0°♌	
desc. node	-11706 Oct 30 j 20:50	18°♌49'13	
superior conj	-11706 Oct 31 j 11:32	19°♌34'28	-0°01'24
minimum elong	-11706 Oct 31 j 11:18	19°♌33'45	0°00'56
behind sun begin	-11706 Oct 30 j 09:29	18°♌14'17	
behind sun end	-11706 Nov 01 j 13:07	20°♌53'14	
max. Earth dist.	-11706 Nov 04 j 04:22	24°♌07'49	1.73040 AU
	-11706 Nov 08 j 22:53	0°♍	
	-11706 Dec 03 j 09:17	0°♎	
evening rise	-11706 Dec 09 j 22:27	8°♎01'53	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11706 Dec 27 j 20:36	0°♏	
	-11705 Jan 21 j 09:20	0°♐	
	-11705 Feb 15 j 01:40	0°♑	
asc. node	-11705 Feb 19 j 01:57	4°♑51'02	
	-11705 Mar 12 j 00:28	0°♒	
	-11705 Apr 06 j 08:58	0°♓	
	-11705 May 02 j 09:06	0°♈	
	-11705 May 29 j 19:11	0°♉	
evening max el	-11705 Jun 05 j 21:04	7°♉15'00	47°40'44
desc. node	-11705 Jun 12 j 16:42	13°♉56'19	
	-11705 Jul 01 j 10:54	0°♊	
greatest brilliancy	-11705 Jul 17 j 14:10	8°♊59'55	-4.9m
retrograde	-11705 Jul 26 j 20:30	10°♊39'08	
evening set	-11705 Aug 13 j 12:58	4°♊34'41	
min. Earth dist.	-11705 Aug 16 j 00:12	3°♊03'12	0.26873 AU
inferior conj	-11705 Aug 16 j 15:26	2°♊39'25	-8°29'21
minimum elong	-11705 Aug 16 j 20:49	2°♊31'00	8°28'19
morning rise	-11705 Aug 20 j 04:50	0°♊28'16	
	-11705 Aug 21 j 00:05	30°℞♉	
direct	-11705 Sep 05 j 19:27	24°♉59'18	
greatest brilliancy	-11705 Sep 15 j 10:23	26°♉45'58	-4.9m
	-11705 Sep 22 j 11:41	0°♊	
asc. node	-11705 Oct 02 j 01:57	6°♊18'42	
morning max el	-11705 Oct 25 j 15:53	27°♊19'12	46°16'44
	-11705 Oct 28 j 07:59	0°♋	
	-11705 Nov 25 j 10:16	0°♌	
	-11705 Dec 21 j 23:52	0°♍	
	-11704 Jan 16 j 21:20	0°♎	
desc. node	-11704 Jan 23 j 11:36	7°♎44'15	
	-11704 Feb 11 j 06:32	0°♏	
	-11704 Mar 07 j 04:04	0°♐	
	-11704 Mar 31 j 15:07	0°♑	
morning set	-11704 Apr 19 j 23:38	24°♑02'46	
	-11704 Apr 24 j 17:58	0°♒	
asc. node	-11704 May 13 j 12:56	23°♒34'45	
	-11704 May 18 j 15:21	0°♓	
max. Earth dist.	-11704 May 24 j 11:43	7°♓22'16	1.71143 AU
superior conj	-11704 May 26 j 16:33	10°♓08'52	0°30'00
minimum elong	-11704 May 26 j 10:27	9°♓49'39	0°29'28
	-11704 Jun 11 j 10:02	0°♈	
evening rise	-11704 Jul 04 j 16:56	29°♈23'19	
	-11704 Jul 05 j 04:35	0°♉	
	-11704 Jul 29 j 01:27	0°♊	
	-11704 Aug 22 j 02:37	0°♋	
desc. node	-11704 Sep 03 j 22:00	15°♋51'48	
	-11704 Sep 15 j 09:29	0°♌	
	-11704 Oct 09 j 23:29	0°♍	
	-11704 Nov 04 j 00:04	0°♎	
	-11704 Nov 29 j 20:25	0°♏	
asc. node	-11704 Dec 24 j 07:10	26°♏38'51	
	-11704 Dec 27 j 13:17	0°♐	
evening max el	-11703 Jan 06 j 23:34	10°♐17'43	44°50'01
	-11703 Jan 30 j 18:52	0°♑	
greatest brilliancy	-11703 Feb 13 j 17:24	7°♑13'30	-4.7m
retrograde	-11703 Feb 23 j 23:05	9°♑04'20	
evening set	-11703 Mar 12 j 10:49	4°♑02'36	
inferior conj	-11703 Mar 17 j 05:07	1°♑14'22	6°15'13
minimum elong	-11703 Mar 17 j 14:17	1°♑00'31	6°12'53
min. Earth dist.	-11703 Mar 18 j 13:34	0°♑25'16	0.28434 AU
	-11703 Mar 19 j 06:21	30°℞♐	
morning rise	-11703 Mar 22 j 17:00	27°♐59'48	
direct	-11703 Apr 07 j 23:13	23°♐02'27	
desc. node	-11703 Apr 16 j 22:14	24°♐30'35	
greatest brilliancy	-11703 Apr 19 j 15:56	25°♐29'18	-4.8m
	-11703 Apr 28 j 11:48	0°♑	
morning max el	-11703 May 28 j 03:51	24°♑53'05	46°34'11
	-11703 Jun 02 j 04:44	0°♒	
	-11703 Jun 29 j 10:05	0°♓	
	-11703 Jul 24 j 16:52	0°♈	
asc. node	-11703 Aug 06 j 03:43	15°♈10'44	
	-11703 Aug 18 j 04:38	0°♉	
	-11703 Sep 11 j 09:54	0°♊	
	-11703 Oct 05 j 15:37	0°♋	
	-11703 Oct 30 j 00:54	0°♌	
	-11703 Nov 23 j 13:32	0°♍	
desc. node	-11703 Nov 27 j 10:19	4°♍43'06	
morning set	-11703 Dec 03 j 14:10	12°♍14'17	
	-11703 Dec 18 j 03:17	0°♎	
max. Earth dist.	-11702 Jan 07 j 22:29	25°♎26'46	1.73832 AU
superior conj	-11702 Jan 10 j 12:14	28°♎36'04	-1°15'57
minimum elong	-11702 Jan 10 j 06:58	28°♎19'54	1°16'09
	-11702 Jan 11 j 15:37	0°♏	
	-11702 Feb 05 j 01:29	0°♐	
evening rise	-11702 Feb 14 j 21:26	12°♐06'49	
greatest brilliancy	-11702 Feb 14 j 21:43	12°♐07'40	-3.9m
	-11702 Mar 01 j 09:35	0°♑	
asc. node	-11702 Mar 18 j 13:34	21°♑10'18	
	-11702 Mar 25 j 17:31	0°♒	
	-11702 Apr 19 j 02:49	0°♓	
	-11702 May 13 j 14:57	0°♈	
	-11702 Jun 07 j 08:20	0°♉	
	-11702 Jul 02 j 12:25	0°♊	
desc. node	-11702 Jul 10 j 02:36	8°♊52'27	
	-11702 Jul 28 j 15:57	0°♋	
evening max el	-11702 Aug 16 j 08:00	19°♋59'47	47°27'06
	-11702 Aug 26 j 12:11	0°♌	
greatest brilliancy	-11702 Sep 25 j 21:13	21°♌50'34	-4.9m
retrograde	-11702 Oct 06 j 11:02	24°♌00'04	
evening set	-11702 Oct 21 j 09:15	19°♌23'30	
inferior conj	-11702 Oct 27 j 11:00	15°♌36'18	-0°29'36
minimum elong	-11702 Oct 27 j 12:00	15°♌34'41	0°28'48
min. Earth dist.	-11702 Oct 26 j 21:19	15°♌58'26	0.28247 AU
asc. node	-11702 Oct 29 j 13:05	14°♌15'54	
morning rise	-11702 Nov 02 j 15:41	11°♌47'11	
direct	-11702 Nov 17 j 10:14	7°♌23'03	
greatest brilliancy	-11702 Nov 26 j 10:28	8°♌54'55	-4.8m
	-11702 Dec 28 j 03:57	0°♍	
morning max el	-11701 Jan 05 j 07:13	7°♍29'19	46°00'01
	-11701 Jan 27 j 14:21	0°♎	
desc. node	-11701 Feb 20 j 00:49	25°♎35'58	
	-11701 Feb 23 j 22:30	0°♏	
	-11701 Mar 21 j 21:01	0°♐	
	-11701 Apr 15 j 21:49	0°♑	
	-11701 May 10 j 07:30	0°♒	
	-11701 Jun 03 j 07:13	0°♓	
asc. node	-11701 Jun 11 j 02:30	9°♓49'49	
greatest brilliancy	-11701 Jun 14 j 02:04	13°♓35'37	-3.9m
	-11701 Jun 27 j 01:25	0°♈	
morning set	-11701 Jul 01 j 01:03	5°♈02'47	
	-11701 Jul 20 j 17:59	0°♉	
superior conj	-11701 Aug 11 j 05:01	27°♉06'18	1°22'18
minimum elong	-11701 Aug 11 j 08:14	27°♉16'26	1°22'49
	-11701 Aug 13 j 12:11	0°♊	
max. Earth dist.	-11701 Aug 17 j 23:47	5°♊38'25	1.71056 AU
	-11701 Sep 06 j 10:22	0°♋	
evening rise	-11701 Sep 23 j 17:01	21°♋30'24	
	-11701 Sep 30 j 13:28	0°♌	
desc. node	-11701 Oct 02 j 10:08	2°♌18'11	
	-11701 Oct 24 j 21:15	0°♍	
	-11701 Nov 18 j 09:20	0°♎	
	-11701 Dec 13 j 02:51	0°♏	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11700 Jan 07 j 05:59	0°♐	
asc. node	-11700 Jan 21 j 17:26	16°♐56'03	
	-11700 Feb 02 j 02:39	0°♑	
	-11700 Feb 29 j 08:07	0°♒	
evening max el	-11700 Mar 20 j 19:05	20°♒42'16	45°53'25
	-11700 Mar 30 j 22:53	0°♓	
greatest brilliancy	-11700 Apr 29 j 08:13	19°♓12'44	-4.8m
retrograde	-11700 May 09 j 03:57	20°♓56'12	
desc. node	-11700 May 14 j 08:52	20°♓24'42	
evening set	-11700 May 23 j 17:01	16°♓57'07	
inferior conj	-11700 May 29 j 22:48	13°♓25'16	-3°43'13
minimum elong	-11700 May 29 j 14:58	13°♓36'52	3°41'15
min. Earth dist.	-11700 May 29 j 21:13	13°♓27'38	0.26504 AU
morning rise	-11700 Jun 04 j 12:36	10°♓14'15	
direct	-11700 Jun 19 j 13:10	5°♓55'28	
greatest brilliancy	-11700 Jun 30 j 11:27	8°♓08'39	-4.9m
	-11700 Jul 30 j 20:44	0°♈	
morning max el	-11700 Aug 09 j 03:06	9°♈07'59	46°39'20
	-11700 Aug 28 j 12:31	0°♉	
asc. node	-11700 Sep 02 j 16:33	5°♉49'58	
	-11700 Sep 23 j 12:24	0°♊	
	-11700 Oct 18 j 17:36	0°♋	
	-11700 Nov 12 j 18:14	0°♌	
	-11700 Dec 07 j 18:16	0°♍	
desc. node	-11700 Dec 25 j 00:03	20°♍43'29	
	-11699 Jan 01 j 16:43	0°♎	
	-11699 Jan 26 j 11:00	0°♏	
morning set	-11699 Feb 10 j 10:11	18°♏16'41	
	-11699 Feb 19 j 23:24	0°♐	
max. Earth dist.	-11699 Mar 12 j 19:52	25°♐44'58	1.72905 AU
	-11699 Mar 16 j 06:09	0°♑	
superior conj	-11699 Mar 17 j 11:14	1°♑30'10	-0°58'59
minimum elong	-11699 Mar 17 j 18:53	1°♑53'54	0°59'23
	-11699 Apr 09 j 08:49	0°♒	
asc. node	-11699 Apr 15 j 02:04	7°♒08'08	
evening rise	-11699 Apr 21 j 22:08	15°♒40'18	
	-11699 May 03 j 09:17	0°♓	
	-11699 May 27 j 09:16	0°♈	
	-11699 Jun 20 j 10:32	0°♉	
	-11699 Jul 14 j 15:24	0°♊	
desc. node	-11699 Aug 06 j 13:07	28°♊04'51	
	-11699 Aug 08 j 02:58	0°♋	
	-11699 Sep 02 j 01:57	0°♌	
	-11699 Sep 27 j 22:15	0°♍	
	-11699 Oct 25 j 22:21	0°♎	
evening max el	-11699 Oct 25 j 18:45	29°♍51'03	45°41'44
asc. node	-11699 Nov 25 j 23:25	25°♎30'17	
greatest brilliancy	-11699 Dec 02 j 15:25	28°♎45'06	-4.7m
	-11699 Dec 06 j 07:45	0°♏	
retrograde	-11699 Dec 13 j 21:36	1°♏05'29	
	-11699 Dec 21 j 05:43	30°℞♎	
evening set	-11699 Dec 30 j 12:59	25°♎43'31	
inferior conj	-11698 Jan 04 j 08:00	22°♎44'15	7°11'59
minimum elong	-11698 Jan 04 j 00:46	22°♎55'50	7°10'50
min. Earth dist.	-11698 Jan 04 j 09:58	22°♎41'06	0.29564 AU
morning rise	-11698 Jan 08 j 12:31	20°♎06'00	
direct	-11698 Jan 26 j 05:32	14°♎10'50	
greatest brilliancy	-11698 Feb 04 j 21:44	15°♎51'00	-4.7m
	-11698 Feb 28 j 11:12	0°♏	
morning max el	-11698 Mar 16 j 05:50	13°♏56'41	46°09'03
desc. node	-11698 Mar 19 j 13:04	17°♏08'07	
	-11698 Apr 01 j 04:56	0°♐	
	-11698 Apr 28 j 08:41	0°♑	
	-11698 May 23 j 19:00	0°♒	
	-11698 Jun 17 j 07:29	0°♓	
asc. node	-11698 Jul 08 j 16:22	26°♓39'53	
	-11698 Jul 11 j 08:07	0°♈	
	-11698 Aug 04 j 03:38	0°♉	
	-11698 Aug 27 j 23:11	0°♊	
morning set	-11698 Sep 16 j 20:20	24°♊54'31	
	-11698 Sep 20 j 22:15	0°♋	
	-11698 Oct 15 j 02:10	0°♌	
superior conj	-11698 Oct 28 j 23:05	17°♌07'19	0°02'16
minimum elong	-11698 Oct 28 j 23:47	17°♌09'27	0°02'43
behind sun begin	-11698 Oct 27 j 22:01	15°♌50'06	
behind sun end	-11698 Oct 30 j 01:32	18°♌28'46	
desc. node	-11698 Oct 29 j 22:55	18°♌20'42	
max. Earth dist.	-11698 Nov 01 j 20:28	21°♌54'47	1.72979 AU
	-11698 Nov 08 j 10:13	0°♍	
	-11698 Dec 02 j 20:32	0°♎	
evening rise	-11698 Dec 07 j 14:44	5°♎50'08	
	-11698 Dec 27 j 07:55	0°♏	
	-11697 Jan 20 j 20:53	0°♐	
	-11697 Feb 14 j 13:42	0°♑	
asc. node	-11697 Feb 18 j 04:19	4°♑21'33	
	-11697 Mar 11 j 13:19	0°♒	
	-11697 Apr 05 j 23:06	0°♓	
	-11697 May 02 j 01:32	0°♈	
	-11697 May 29 j 16:55	0°♉	
evening max el	-11697 Jun 03 j 10:06	4°♉47'36	47°38'33
desc. node	-11697 Jun 11 j 18:54	12°♉56'26	
	-11697 Jul 02 j 13:17	0°♊	
greatest brilliancy	-11697 Jul 15 j 03:27	6°♊30'36	-4.9m
retrograde	-11697 Jul 24 j 09:41	8°♊09'58	
evening set	-11697 Aug 11 j 03:38	2°♊03'38	
min. Earth dist.	-11697 Aug 13 j 12:59	0°♊35'23	0.26841 AU
inferior conj	-11697 Aug 14 j 04:34	0°♊11'09	-8°35'10
minimum elong	-11697 Aug 14 j 09:12	0°♊03'57	8°34'17
	-11697 Aug 14 j 11:44	30°℞♉	
morning rise	-11697 Aug 17 j 14:54	28°♉05'02	
direct	-11697 Sep 03 j 08:08	22°♉31'44	
greatest brilliancy	-11697 Sep 13 j 00:01	24°♉19'29	-4.9m
	-11697 Sep 24 j 02:30	0°♊	
asc. node	-11697 Oct 01 j 04:19	5°♊02'51	
morning max el	-11697 Oct 23 j 06:16	24°♊57'20	46°17'37
	-11697 Oct 28 j 05:57	0°♋	
	-11697 Nov 25 j 02:31	0°♌	
	-11697 Dec 21 j 13:47	0°♍	
	-11696 Jan 16 j 10:00	0°♎	
desc. node	-11696 Jan 22 j 13:50	7°♎14'11	
	-11696 Feb 10 j 18:27	0°♏	
	-11696 Mar 06 j 15:34	0°♐	
	-11696 Mar 31 j 02:26	0°♑	
morning set	-11696 Apr 17 j 17:58	21°♑55'10	
	-11696 Apr 24 j 05:13	0°♒	
asc. node	-11696 May 12 j 15:01	23°♒05'53	
	-11696 May 18 j 02:38	0°♓	
max. Earth dist.	-11696 May 21 j 23:31	4°♓52'33	1.71188 AU
superior conj	-11696 May 24 j 07:54	7°♓50'17	0°26'49
minimum elong	-11696 May 24 j 02:26	7°♓33'03	0°26'16
	-11696 Jun 10 j 21:23	0°♈	
evening rise	-11696 Jul 02 j 04:18	26°♈51'43	
	-11696 Jul 04 j 16:03	0°♉	
	-11696 Jul 28 j 13:03	0°♊	
	-11696 Aug 21 j 14:23	0°♋	
desc. node	-11696 Sep 03 j 00:19	15°♋22'20	
	-11696 Sep 14 j 21:28	0°♌	
	-11696 Oct 09 j 11:52	0°♍	
	-11696 Nov 03 j 13:15	0°♎	
	-11696 Nov 29 j 11:22	0°♏	
asc. node	-11696 Dec 23 j 09:30	25°♏56'22	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11696 Dec 27 j 08:58	0°♐		
evening max el	-11695 Jan 04 j 15:38	8°♐07'21	44°49'54	
	-11695 Jan 31 j 20:57	0°♑		
greatest brilliancy	-11695 Feb 11 j 07:01	5°♑00'48	-4.7m	
retrograde	-11695 Feb 21 j 14:13	6°♑52'31		
evening set	-11695 Mar 10 j 04:23	1°♑46'48		
	-11695 Mar 13 j 05:29	30°℞♐		
inferior conj	-11695 Mar 14 j 20:16	29°♐01'19	6°27'23	
minimum elong	-11695 Mar 15 j 05:16	28°♐47'39	6°25'09	
min. Earth dist.	-11695 Mar 16 j 04:09	28°♐12'54	0.28512 AU	
morning rise	-11695 Mar 20 j 05:30	25°♐50'01		
direct	-11695 Apr 05 j 15:41	20°♐48'08		
desc. node	-11695 Apr 16 j 00:24	22°♐44'49		
greatest brilliancy	-11695 Apr 17 j 06:02	23°♐12'49	-4.8m	
	-11695 Apr 29 j 14:52	0°♑		
morning max el	-11695 May 25 j 19:42	22°♑36'21	46°33'22	
	-11695 Jun 02 j 01:24	0°♒		
	-11695 Jun 29 j 01:52	0°♓		
	-11695 Jul 24 j 06:43	0°♈		
asc. node	-11695 Aug 05 j 05:58	14°♈36'49		
	-11695 Aug 17 j 17:29	0°♉		
	-11695 Sep 10 j 22:10	0°♊		
	-11695 Oct 05 j 03:29	0°♋		
	-11695 Oct 29 j 12:27	0°♌		
	-11695 Nov 23 j 00:51	0°♍		
desc. node	-11695 Nov 26 j 12:23	4°♍14'58		
morning set	-11695 Dec 01 j 04:59	9°♍58'39		
	-11695 Dec 17 j 14:26	0°♎		
max. Earth dist.	-11694 Jan 05 j 21:41	23°♎36'52	1.73836 AU	
superior conj	-11694 Jan 08 j 06:32	26°♎31'07	-1°14'54	
minimum elong	-11694 Jan 08 j 00:47	26°♎13'29	1°15'04	
	-11694 Jan 11 j 02:40	0°♏		
	-11694 Feb 04 j 12:33	0°♐		
evening rise	-11694 Feb 12 j 17:18	10°♐05'59		
greatest brilliancy	-11694 Feb 13 j 10:39	10°♐59'24	-3.9m	
	-11694 Feb 28 j 20:47	0°♑		
asc. node	-11694 Mar 17 j 15:51	20°♑42'16		
	-11694 Mar 25 j 05:00	0°♒		
	-11694 Apr 18 j 14:47	0°♓		
	-11694 May 13 j 03:34	0°♈		
	-11694 Jun 06 j 21:51	0°♉		
	-11694 Jul 02 j 03:19	0°♊		
desc. node	-11694 Jul 09 j 04:58	8°♊14'18		
	-11694 Jul 28 j 09:43	0°♋		
evening max el	-11694 Aug 14 j 00:49	17°♋44'10	47°30'00	
	-11694 Aug 26 j 15:20	0°♌		
greatest brilliancy	-11694 Sep 23 j 15:18	19°♌36'39	-4.9m	
retrograde	-11694 Oct 04 j 03:58	21°♌44'36		
evening set	-11694 Oct 19 j 02:50	17°♌07'14		
min. Earth dist.	-11694 Oct 24 j 13:36	13°♌43'45	0.28186 AU	
inferior conj	-11694 Oct 25 j 03:24	13°♌21'24	-0°49'36	
minimum elong	-11694 Oct 25 j 05:05	13°♌18'40	0°48'36	
asc. node	-11694 Oct 28 j 15:10	11°♌08'09		
morning rise	-11694 Oct 31 j 08:21	9°♌31'59		
direct	-11694 Nov 15 j 02:11	5°♌09'35		
greatest brilliancy	-11694 Nov 24 j 01:50	6°♌41'03	-4.8m	
	-11694 Dec 28 j 06:07	0°♍		
morning max el	-11693 Jan 02 j 22:56	5°♍18'29	46°00'02	
	-11693 Jan 27 j 07:13	0°♎		
desc. node	-11693 Feb 19 j 03:00	25°♎02'06		
	-11693 Feb 23 j 12:26	0°♏		
	-11693 Mar 21 j 09:37	0°♐		
	-11693 Apr 15 j 09:42	0°♑		
	-11693 May 09 j 19:01	0°♒		
	-11693 Jun 02 j 18:35	0°♓		
asc. node	-11693 Jun 10 j 04:42	9°♓21'01		
greatest brilliancy	-11693 Jun 13 j 14:39	13°♓39'34	-3.9m	
	-11693 Jun 26 j 12:45	0°♈		
morning set	-11693 Jun 28 j 12:56	2°♈32'34		
	-11693 Jul 20 j 05:19	0°♉		
superior conj	-11693 Aug 08 j 13:46	24°♉26'58	1°22'46	
minimum elong	-11693 Aug 08 j 15:51	24°♉33'32	1°23'17	
	-11693 Aug 12 j 23:32	0°♊		
max. Earth dist.	-11693 Aug 15 j 03:20	2°♊42'59	1.71004 AU	
	-11693 Sep 05 j 21:42	0°♋		
evening rise	-11693 Sep 21 j 00:53	18°♋50'36		
	-11693 Sep 30 j 00:48	0°♌		
desc. node	-11693 Oct 01 j 12:15	1°♌49'40		
	-11693 Oct 24 j 08:38	0°♍		
	-11693 Nov 17 j 20:50	0°♎		
	-11693 Dec 12 j 14:45	0°♏		
	-11692 Jan 06 j 18:42	0°♐		
asc. node	-11692 Jan 20 j 19:46	16°♐23'38		
	-11692 Feb 01 j 17:04	0°♑		
	-11692 Feb 29 j 02:22	0°♒		
evening max el	-11692 Mar 18 j 07:36	18°♒19'32	45°49'40	
	-11692 Mar 31 j 06:26	0°♓		
greatest brilliancy	-11692 Apr 26 j 20:23	16°♓46'14	-4.8m	
retrograde	-11692 May 06 j 14:50	18°♓28'50		
desc. node	-11692 May 13 j 11:02	17°♓34'33		
evening set	-11692 May 21 j 03:17	14°♓31'45		
inferior conj	-11692 May 27 j 10:39	10°♓58'23	-3°21'16	
minimum elong	-11692 May 27 j 03:27	11°♓09'02	3°19'28	
min. Earth dist.	-11692 May 27 j 11:09	10°♓57'38	0.26535 AU	
morning rise	-11692 Jun 02 j 03:07	7°♓43'35		
direct	-11692 Jun 17 j 01:12	3°♓27'34		
greatest brilliancy	-11692 Jun 28 j 02:20	5°♓42'49	-4.9m	
	-11692 Jul 30 j 23:46	0°♈		
morning max el	-11692 Aug 06 j 14:44	6°♈35'55	46°39'44	
	-11692 Aug 28 j 06:15	0°♉		
asc. node	-11692 Sep 01 j 18:48	5°♉08'00		
	-11692 Sep 23 j 03:07	0°♊		
	-11692 Oct 18 j 06:50	0°♋		
	-11692 Nov 12 j 06:34	0°♌		
	-11692 Dec 07 j 05:59	0°♍		
desc. node	-11692 Dec 24 j 02:19	20°♍16'03		
	-11691 Jan 01 j 04:00	0°♎		
	-11691 Jan 25 j 21:59	0°♏		
morning set	-11691 Feb 08 j 05:22	16°♏15'05		
	-11691 Feb 19 j 10:16	0°♐		
max. Earth dist.	-11691 Mar 10 j 16:13	23°♐45'42	1.72963 AU	
superior conj	-11691 Mar 15 j 07:09	29°♐29'25	-1°00'55	
minimum elong	-11691 Mar 15 j 14:44	29°♐52'55	1°01'21	
	-11691 Mar 15 j 17:01	0°♑		
	-11691 Apr 08 j 19:47	0°♒		
asc. node	-11691 Apr 14 j 04:10	6°♒40'21		
evening rise	-11691 Apr 19 j 16:36	13°♒33'36		
	-11691 May 02 j 20:27	0°♓		
	-11691 May 26 j 20:41	0°♈		
	-11691 Jun 19 j 22:16	0°♉		
	-11691 Jul 14 j 03:33	0°♊		
desc. node	-11691 Aug 05 j 15:22	27°♊33'07		
	-11691 Aug 07 j 15:43	0°♋		
	-11691 Sep 01 j 15:40	0°♌		
	-11691 Sep 27 j 14:01	0°♍		
evening max el	-11691 Oct 23 j 09:59	27°♍36'25	45°45'15	
	-11691 Oct 25 j 20:09	0°♎		
asc. node	-11691 Nov 25 j 01:47	24°♎09'18		
greatest brilliancy	-11691 Nov 30 j 08:40	26°♎38'39	-4.7m	
retrograde	-11691 Dec 11 j 15:33	29°♎00'20		
evening set	-11691 Dec 28 j 04:14	23°♎41'06		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

inferior conj	-11690 Jan 02 j 01:40	20°♑38'22	7°03'32
minimum elong	-11690 Jan 01 j 18:05	20°♑50'31	7°02'17
min. Earth dist.	-11690 Jan 02 j 02:33	20°♑36'57	0.29549 AU
morning rise	-11690 Jan 06 j 07:55	17°♑57'32	
direct	-11690 Jan 23 j 22:14	12°♑04'56	
greatest brilliancy	-11690 Feb 02 j 13:52	13°♑44'44	-4.7m
	-11690 Feb 28 j 17:57	0°♏	
morning max el	-11690 Mar 13 j 22:35	11°♏49'19	46°08'23
desc. node	-11690 Mar 18 j 15:13	16°♏22'30	
	-11690 Mar 31 j 22:25	0°♐	
	-11690 Apr 27 j 22:52	0°♌	
	-11690 May 23 j 07:49	0°♒	
	-11690 Jun 16 j 19:36	0°♓	
asc. node	-11690 Jul 07 j 18:39	26°♓10'09	
	-11690 Jul 10 j 19:51	0°♈	
	-11690 Aug 03 j 15:08	0°♉	
	-11690 Aug 27 j 10:33	0°♊	
morning set	-11690 Sep 14 j 05:41	22°♊18'35	
	-11690 Sep 20 j 09:30	0°♋	
	-11690 Oct 14 j 13:20	0°♌	
superior conj	-11690 Oct 26 j 10:22	14°♌40'00	0°05'54
minimum elong	-11690 Oct 26 j 11:59	14°♌45'01	0°06'20
behind sun begin	-11690 Oct 25 j 11:40	13°♌30'03	
behind sun end	-11690 Oct 27 j 12:18	15°♌59'58	
desc. node	-11690 Oct 29 j 01:01	17°♌53'04	
max. Earth dist.	-11690 Oct 30 j 11:07	19°♌38'04	1.72919 AU
	-11690 Nov 07 j 21:16	0°♍	
	-11690 Dec 02 j 07:32	0°♎	
evening rise	-11690 Dec 05 j 06:55	3°♎38'52	
	-11690 Dec 26 j 18:57	0°♏	
	-11689 Jan 20 j 08:08	0°♐	
	-11689 Feb 14 j 01:25	0°♑	
asc. node	-11689 Feb 17 j 06:36	3°♑52'51	
	-11689 Mar 11 j 01:51	0°♒	
	-11689 Apr 05 j 13:00	0°♓	
	-11689 May 01 j 17:56	0°♈	
	-11689 May 29 j 15:11	0°♉	
evening max el	-11689 Jun 01 j 00:07	2°♉23'27	47°36'08
desc. node	-11689 Jun 10 j 21:18	11°♉56'10	
	-11689 Jul 04 j 01:56	0°♊	
greatest brilliancy	-11689 Jul 12 j 16:00	4°♊00'44	-4.9m
retrograde	-11689 Jul 21 j 23:13	5°♊40'47	
	-11689 Aug 07 j 23:45	30°℞♉	
evening set	-11689 Aug 08 j 17:43	29°♉33'06	
min. Earth dist.	-11689 Aug 11 j 01:14	28°♉07'58	0.26809 AU
inferior conj	-11689 Aug 11 j 17:27	27°♉42'49	-8°40'03
minimum elong	-11689 Aug 11 j 21:17	27°♉36'53	8°39'17
morning rise	-11689 Aug 15 j 00:59	25°♉41'24	
direct	-11689 Aug 31 j 21:04	20°♉04'21	
greatest brilliancy	-11689 Sep 10 j 12:55	21°♉52'30	-4.9m
	-11689 Sep 25 j 05:24	0°♊	
asc. node	-11689 Sep 30 j 06:28	3°♊49'32	
morning max el	-11689 Oct 20 j 21:08	22°♊37'26	46°18'28
	-11689 Oct 28 j 02:49	0°♋	
	-11689 Nov 24 j 18:11	0°♌	
	-11689 Dec 21 j 03:15	0°♍	
	-11688 Jan 15 j 22:17	0°♎	
desc. node	-11688 Jan 21 j 15:57	6°♎44'46	
	-11688 Feb 10 j 06:02	0°♏	
	-11688 Mar 06 j 02:44	0°♐	
	-11688 Mar 30 j 13:23	0°♑	
morning set	-11688 Apr 15 j 12:41	19°♑49'58	
	-11688 Apr 23 j 16:06	0°♒	
asc. node	-11688 May 11 j 17:17	22°♒38'43	
	-11688 May 17 j 13:34	0°♓	
max. Earth dist.	-11688 May 19 j 10:14	2°♓20'35	1.71239 AU
superior conj	-11688 May 21 j 23:37	5°♓33'58	0°23'36
minimum elong	-11688 May 21 j 18:48	5°♓18'48	0°23'05
	-11688 Jun 10 j 08:27	0°♈	
evening rise	-11688 Jun 29 j 15:46	24°♈21'16	
	-11688 Jul 04 j 03:17	0°♉	
	-11688 Jul 28 j 00:27	0°♊	
	-11688 Aug 21 j 01:56	0°♋	
desc. node	-11688 Sep 02 j 02:26	14°♋52'53	
	-11688 Sep 14 j 09:14	0°♌	
	-11688 Oct 09 j 00:03	0°♍	
	-11688 Nov 03 j 02:16	0°♎	
	-11688 Nov 29 j 02:14	0°♏	
asc. node	-11688 Dec 22 j 11:53	25°♏14'10	
	-11688 Dec 27 j 04:59	0°♐	
evening max el	-11687 Jan 02 j 07:36	5°♐57'22	44°49'50
	-11687 Feb 02 j 09:15	0°♑	
greatest brilliancy	-11687 Feb 08 j 21:26	2°♑49'59	-4.7m
retrograde	-11687 Feb 19 j 04:57	4°♑41'53	
	-11687 Mar 07 j 02:16	30°℞♐	
evening set	-11687 Mar 07 j 22:01	29°♐32'28	
inferior conj	-11687 Mar 12 j 11:33	26°♐49'44	6°38'49
minimum elong	-11687 Mar 12 j 20:19	26°♐36'22	6°36'44
min. Earth dist.	-11687 Mar 13 j 19:04	26°♐01'43	0.28583 AU
morning rise	-11687 Mar 17 j 18:00	23°♐41'40	
direct	-11687 Apr 03 j 07:55	18°♐35'21	
greatest brilliancy	-11687 Apr 14 j 20:11	20°♐57'42	-4.8m
desc. node	-11687 Apr 15 j 02:32	21°♐04'00	
	-11687 Apr 30 j 10:10	0°♑	
morning max el	-11687 May 23 j 10:39	20°♑18'39	46°32'35
	-11687 Jun 01 j 21:00	0°♒	
	-11687 Jun 28 j 17:04	0°♓	
	-11687 Jul 23 j 20:10	0°♈	
asc. node	-11687 Aug 04 j 08:09	14°♈03'43	
	-11687 Aug 17 j 06:05	0°♉	
	-11687 Sep 10 j 10:14	0°♊	
	-11687 Oct 04 j 15:10	0°♋	
	-11687 Oct 28 j 23:49	0°♌	
	-11687 Nov 22 j 11:59	0°♍	
desc. node	-11687 Nov 25 j 14:39	3°♍48'02	
morning set	-11687 Nov 28 j 19:22	7°♍42'15	
	-11687 Dec 17 j 01:22	0°♎	
max. Earth dist.	-11686 Jan 03 j 20:07	21°♎45'16	1.73836 AU
superior conj	-11686 Jan 06 j 00:33	24°♎25'54	-1°13'45
minimum elong	-11686 Jan 05 j 18:20	24°♎06'51	1°13'52
	-11686 Jan 10 j 13:32	0°♏	
	-11686 Feb 03 j 23:26	0°♐	
evening rise	-11686 Feb 10 j 13:06	8°♐05'26	
greatest brilliancy	-11686 Feb 12 j 00:31	9°♐54'32	-3.9m
	-11686 Feb 28 j 07:49	0°♑	
asc. node	-11686 Mar 16 j 18:01	20°♑14'22	
	-11686 Mar 24 j 16:20	0°♒	
	-11686 Apr 18 j 02:33	0°♓	
	-11686 May 12 j 15:57	0°♈	
	-11686 Jun 06 j 11:09	0°♉	
	-11686 Jul 01 j 18:07	0°♊	
desc. node	-11686 Jul 08 j 07:10	7°♊36'06	
	-11686 Jul 28 j 03:39	0°♋	
evening max el	-11686 Aug 11 j 16:45	15°♋26'31	47°32'30
	-11686 Aug 26 j 20:06	0°♌	
greatest brilliancy	-11686 Sep 21 j 09:41	17°♌22'31	-4.9m
retrograde	-11686 Oct 01 j 20:11	19°♌28'15	
evening set	-11686 Oct 16 j 20:18	14°♌49'54	
inferior conj	-11686 Oct 22 j 19:35	11°♌05'49	-1°09'50
minimum elong	-11686 Oct 22 j 21:58	11°♌01'58	1°08'37
min. Earth dist.	-11686 Oct 22 j 06:02	11°♌27'47	0.28127 AU
asc. node	-11686 Oct 27 j 17:34	8°♌00'43	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

morning rise	-11686 Oct 29 j 00:35	7°♌16'07	
direct	-11686 Nov 12 j 17:26	2°♌55'16	
greatest brilliancy	-11686 Nov 21 j 17:33	4°♌26'55	-4.8m
	-11686 Dec 28 j 07:00	0°♍	
morning max el	-11686 Dec 31 j 13:47	3°♍05'20	46°00'09
	-11685 Jan 26 j 23:42	0°♎	
desc. node	-11685 Feb 18 j 05:07	24°♎28'28	
	-11685 Feb 23 j 02:10	0°♏	
	-11685 Mar 20 j 22:03	0°♐	
	-11685 Apr 14 j 21:28	0°♑	
	-11685 May 09 j 06:26	0°♒	
	-11685 Jun 02 j 05:49	0°♓	
asc. node	-11685 Jun 09 j 06:59	8°♓52'54	
greatest brilliancy	-11685 Jun 13 j 03:33	13°♓44'56	-3.9m
	-11685 Jun 25 j 23:56	0°♈	
morning set	-11685 Jun 26 j 01:27	0°♈04'50	
	-11685 Jul 19 j 16:30	0°♉	
superior conj	-11685 Aug 05 j 23:03	21°♉49'42	1°23'02
minimum elong	-11685 Aug 06 j 00:02	21°♉52'46	1°23'32
max. Earth dist.	-11685 Aug 12 j 04:57	29°♉41'49	1.70958 AU
	-11685 Aug 12 j 10:43	0°♊	
	-11685 Sep 05 j 08:56	0°♋	
evening rise	-11685 Sep 18 j 08:40	16°♋10'42	
	-11685 Sep 29 j 12:05	0°♌	
desc. node	-11685 Sep 30 j 14:25	1°♌21'27	
	-11685 Oct 23 j 20:00	0°♍	
	-11685 Nov 17 j 08:24	0°♎	
	-11685 Dec 12 j 02:43	0°♏	
	-11684 Jan 06 j 07:32	0°♐	
asc. node	-11684 Jan 19 j 22:03	15°♐50'47	
	-11684 Feb 01 j 07:41	0°♑	
	-11684 Feb 28 j 21:09	0°♒	
evening max el	-11684 Mar 15 j 19:46	15°♒56'03	45°46'02
	-11684 Mar 31 j 16:45	0°♓	
greatest brilliancy	-11684 Apr 24 j 08:06	14°♓19'15	-4.8m
retrograde	-11684 May 04 j 01:59	16°♓01'45	
desc. node	-11684 May 12 j 13:28	14°♓38'29	
evening set	-11684 May 18 j 13:43	12°♓05'57	
inferior conj	-11684 May 24 j 22:26	8°♓31'28	-2°58'56
minimum elong	-11684 May 24 j 15:55	8°♓41'05	2°57'19
min. Earth dist.	-11684 May 25 j 00:58	8°♓27'44	0.26567 AU
morning rise	-11684 May 30 j 17:28	5°♓13'20	
direct	-11684 Jun 14 j 13:19	0°♓59'29	
greatest brilliancy	-11684 Jun 25 j 17:17	3°♓17'15	-4.9m
	-11684 Jul 31 j 01:16	0°♈	
morning max el	-11684 Aug 04 j 03:15	4°♈06'24	46°40'20
	-11684 Aug 27 j 23:31	0°♉	
asc. node	-11684 Aug 31 j 20:58	4°♉26'35	
	-11684 Sep 22 j 17:34	0°♊	
	-11684 Oct 17 j 19:55	0°♋	
	-11684 Nov 11 j 18:52	0°♌	
	-11684 Dec 06 j 17:46	0°♍	
desc. node	-11684 Dec 23 j 04:25	19°♍47'46	
	-11684 Dec 31 j 15:23	0°♎	
	-11683 Jan 25 j 09:05	0°♏	
morning set	-11683 Feb 06 j 00:09	14°♏11'53	
	-11683 Feb 18 j 21:13	0°♐	
max. Earth dist.	-11683 Mar 08 j 13:52	21°♐50'11	1.73018 AU
superior conj	-11683 Mar 13 j 02:47	27°♐27'31	-1°02'47
minimum elong	-11683 Mar 13 j 10:16	27°♐50'43	1°03'14
	-11683 Mar 15 j 03:58	0°♑	
	-11683 Apr 08 j 06:53	0°♒	
asc. node	-11683 Apr 13 j 06:26	6°♒12'45	
evening rise	-11683 Apr 17 j 11:00	11°♒26'25	
	-11683 May 02 j 07:46	0°♓	
	-11683 May 26 j 08:16	0°♈	
	-11683 Jun 19 j 10:09	0°♉	
	-11683 Jul 13 j 15:49	0°♊	
desc. node	-11683 Aug 04 j 17:35	27°♊00'59	
	-11683 Aug 07 j 04:33	0°♋	
	-11683 Sep 01 j 05:30	0°♌	
	-11683 Sep 27 j 06:00	0°♍	
evening max el	-11683 Oct 21 j 02:04	25°♍23'49	45°48'42
	-11683 Oct 25 j 18:52	0°♎	
asc. node	-11683 Nov 24 j 04:09	22°♎45'19	
greatest brilliancy	-11683 Nov 28 j 01:26	24°♎31'10	-4.7m
retrograde	-11683 Dec 09 j 09:47	26°♎54'28	
evening set	-11683 Dec 25 j 19:27	21°♎37'59	
inferior conj	-11683 Dec 30 j 19:16	18°♎31'38	6°54'27
minimum elong	-11683 Dec 30 j 11:24	18°♎44'14	6°53'08
min. Earth dist.	-11683 Dec 30 j 18:50	18°♎32'20	0.29536 AU
morning rise	-11682 Jan 04 j 03:23	15°♎48'07	
direct	-11682 Jan 21 j 15:25	9°♎58'15	
greatest brilliancy	-11682 Jan 31 j 05:38	11°♎37'19	-4.7m
	-11682 Feb 28 j 23:00	0°♏	
morning max el	-11682 Mar 11 j 15:59	9°♏42'59	46°07'39
desc. node	-11682 Mar 17 j 17:24	15°♏36'54	
	-11682 Mar 31 j 15:48	0°♐	
	-11682 Apr 27 j 13:08	0°♑	
	-11682 May 22 j 20:45	0°♒	
	-11682 Jun 16 j 07:52	0°♓	
asc. node	-11682 Jul 06 j 20:43	25°♓39'10	
	-11682 Jul 10 j 07:45	0°♈	
	-11682 Aug 03 j 02:49	0°♉	
	-11682 Aug 26 j 22:04	0°♊	
morning set	-11682 Sep 11 j 15:22	19°♊43'04	
	-11682 Sep 19 j 20:53	0°♋	
	-11682 Oct 14 j 00:35	0°♌	
superior conj	-11682 Oct 23 j 21:48	12°♌12'44	0°09'32
minimum elong	-11682 Oct 24 j 00:22	12°♌20'40	0°09'55
behind sun begin	-11682 Oct 23 j 03:21	11°♌15'48	
behind sun end	-11682 Oct 24 j 21:24	13°♌25'31	
max. Earth dist.	-11682 Oct 28 j 03:35	17°♌26'30	1.72859 AU
desc. node	-11682 Oct 28 j 03:19	17°♌25'41	
	-11682 Nov 07 j 08:25	0°♍	
	-11682 Dec 01 j 18:39	0°♎	
evening rise	-11682 Dec 02 j 23:16	1°♎27'44	
	-11682 Dec 26 j 06:10	0°♏	
	-11681 Jan 19 j 19:38	0°♐	
	-11681 Feb 13 j 13:25	0°♑	
asc. node	-11681 Feb 16 j 08:48	3°♑23'03	
	-11681 Mar 10 j 14:43	0°♒	
	-11681 Apr 05 j 03:20	0°♓	
	-11681 May 01 j 10:55	0°♈	
evening max el	-11681 May 29 j 14:52	0°♉00'27	47°33'33
	-11681 May 29 j 14:42	0°♉	
desc. node	-11681 Jun 09 j 23:29	10°♉53'06	
	-11681 Jul 06 j 10:45	0°♊	
greatest brilliancy	-11681 Jul 10 j 04:11	1°♊29'29	-4.9m
retrograde	-11681 Jul 19 j 12:46	3°♊10'09	
	-11681 Jul 31 j 22:52	30°℞♉	
evening set	-11681 Aug 06 j 07:20	27°♉01'54	
min. Earth dist.	-11681 Aug 08 j 13:15	25°♉39'19	0.26773 AU
inferior conj	-11681 Aug 09 j 06:10	25°♉13'10	-8°44'04
minimum elong	-11681 Aug 09 j 09:10	25°♉08'32	8°43'24
morning rise	-11681 Aug 12 j 11:10	23°♉15'53	
direct	-11681 Aug 29 j 10:13	17°♉35'51	
greatest brilliancy	-11681 Sep 08 j 01:24	19°♉23'48	-4.9m
	-11681 Sep 26 j 01:32	0°♊	
asc. node	-11681 Sep 29 j 08:46	2°♊37'50	
morning max el	-11681 Oct 18 j 11:47	20°♊16'11	46°19'29

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11681 Oct 27 j 23:15	0°♋	
	-11681 Nov 24 j 09:46	0°♌	
	-11681 Dec 20 j 16:46	0°♍	
	-11680 Jan 15 j 10:41	0°♎	
desc. node	-11680 Jan 20 j 18:01	6°♎14'49	
	-11680 Feb 09 j 17:48	0°♏	
	-11680 Mar 05 j 14:09	0°♐	
	-11680 Mar 30 j 00:38	0°♑	
morning set	-11680 Apr 13 j 07:22	17°♑43'49	
	-11680 Apr 23 j 03:17	0°♒	
asc. node	-11680 May 10 j 19:34	22°♒10'37	
max. Earth dist.	-11680 May 16 j 19:23	29°♒43'00	1.71292 AU
	-11680 May 17 j 00:47	0°♓	
superior conj	-11680 May 19 j 15:23	3°♓17'03	0°20'23
minimum elong	-11680 May 19 j 11:14	3°♓03'59	0°19'52
	-11680 Jun 09 j 19:47	0°♈	
evening rise	-11680 Jun 27 j 03:21	21°♈50'22	
	-11680 Jul 03 j 14:47	0°♉	
	-11680 Jul 27 j 12:08	0°♊	
	-11680 Aug 20 j 13:47	0°♋	
desc. node	-11680 Sep 01 j 04:40	14°♋22'49	
	-11680 Sep 13 j 21:20	0°♌	
	-11680 Oct 08 j 12:33	0°♍	
	-11680 Nov 02 j 15:36	0°♎	
	-11680 Nov 28 j 17:29	0°♏	
asc. node	-11680 Dec 21 j 14:06	24°♏30'39	
	-11680 Dec 27 j 01:49	0°♐	
evening max el	-11680 Dec 30 j 22:55	3°♐45'25	44°49'50
	-11679 Feb 04 j 17:56	0°♑	
greatest brilliancy	-11679 Feb 06 j 12:19	0°♑39'33	-4.7m
retrograde	-11679 Feb 16 j 19:30	2°♑31'31	
	-11679 Feb 28 j 07:52	30°℞♐	
evening set	-11679 Mar 05 j 15:49	27°♐18'20	
inferior conj	-11679 Mar 10 j 03:08	24°♐38'19	6°49'32
minimum elong	-11679 Mar 10 j 11:36	24°♐25'22	6°47'35
min. Earth dist.	-11679 Mar 11 j 10:29	23°♐50'23	0.28657 AU
morning rise	-11679 Mar 15 j 06:47	21°♐33'30	
direct	-11679 Apr 01 j 00:03	16°♐22'34	
greatest brilliancy	-11679 Apr 12 j 11:16	18°♐43'18	-4.8m
desc. node	-11679 Apr 14 j 04:54	19°♐26'30	
	-11679 May 01 j 01:01	0°♑	
morning max el	-11679 May 21 j 00:59	17°♑58'30	46°31'44
	-11679 Jun 01 j 16:27	0°♒	
	-11679 Jun 28 j 08:26	0°♓	
	-11679 Jul 23 j 09:51	0°♈	
asc. node	-11679 Aug 03 j 10:20	13°♈29'48	
	-11679 Aug 16 j 18:54	0°♉	
	-11679 Sep 09 j 22:31	0°♊	
	-11679 Oct 04 j 03:04	0°♋	
	-11679 Oct 28 j 11:26	0°♌	
	-11679 Nov 21 j 23:21	0°♍	
desc. node	-11679 Nov 24 j 16:43	3°♍19'43	
morning set	-11679 Nov 26 j 09:51	5°♍25'22	
	-11679 Dec 16 j 12:33	0°♎	
max. Earth dist.	-11678 Jan 01 j 17:41	19°♎50'21	1.73830 AU
superior conj	-11678 Jan 03 j 18:50	22°♎20'55	-1°12'29
minimum elong	-11678 Jan 03 j 12:10	22°♎00'31	1°12'34
	-11678 Jan 10 j 00:36	0°♏	
	-11678 Feb 03 j 10:30	0°♐	
evening rise	-11678 Feb 08 j 09:13	6°♐05'23	
greatest brilliancy	-11678 Feb 10 j 11:09	8°♐39'08	-3.9m
	-11678 Feb 27 j 19:02	0°♑	
asc. node	-11678 Mar 15 j 20:22	19°♑46'20	
	-11678 Mar 24 j 03:54	0°♒	
	-11678 Apr 17 j 14:38	0°♓	
	-11678 May 12 j 04:44	0°♈	
	-11678 Jun 06 j 00:53	0°♉	
	-11678 Jul 01 j 09:26	0°♊	
desc. node	-11678 Jul 07 j 09:23	6°♊56'39	
	-11678 Jul 27 j 22:22	0°♋	
evening max el	-11678 Aug 09 j 07:37	13°♋05'02	47°35'00
	-11678 Aug 27 j 03:22	0°♌	
greatest brilliancy	-11678 Sep 19 j 04:12	15°♌07'22	-4.9m
retrograde	-11678 Sep 29 j 12:01	17°♌10'52	
evening set	-11678 Oct 14 j 13:48	12°♌31'06	
inferior conj	-11678 Oct 20 j 11:43	8°♌49'14	-1°30'07
minimum elong	-11678 Oct 20 j 14:46	8°♌44'16	1°28'40
min. Earth dist.	-11678 Oct 19 j 22:41	9°♌10'21	0.28069 AU
morning rise	-11678 Oct 26 j 16:36	4°♌59'27	
asc. node	-11678 Oct 26 j 19:55	4°♌54'50	
direct	-11678 Nov 10 j 08:14	0°♌39'42	
greatest brilliancy	-11678 Nov 19 j 09:46	2°♌12'16	-4.8m
	-11678 Dec 28 j 07:01	0°♍	
morning max el	-11678 Dec 29 j 04:39	0°♍51'24	46°00'32
	-11677 Jan 26 j 16:06	0°♎	
desc. node	-11677 Feb 17 j 07:18	23°♎54'51	
	-11677 Feb 22 j 15:54	0°♏	
	-11677 Mar 20 j 10:33	0°♐	
	-11677 Apr 14 j 09:20	0°♑	
	-11677 May 08 j 17:59	0°♒	
	-11677 Jun 01 j 17:17	0°♓	
asc. node	-11677 Jun 08 j 09:04	8°♓23'23	
greatest brilliancy	-11677 Jun 12 j 15:43	13°♓47'17	-3.9m
morning set	-11677 Jun 23 j 13:55	27°♓36'09	
	-11677 Jun 25 j 11:22	0°♈	
	-11677 Jul 19 j 03:57	0°♉	
superior conj	-11677 Aug 03 j 08:01	19°♉10'29	1°23'07
minimum elong	-11677 Aug 03 j 07:52	19°♉09'59	1°23'35
max. Earth dist.	-11677 Aug 09 j 03:29	26°♉30'01	1.70915 AU
	-11677 Aug 11 j 22:11	0°♊	
	-11677 Sep 04 j 20:24	0°♋	
evening rise	-11677 Sep 15 j 16:01	13°♋28'39	
	-11677 Sep 28 j 23:36	0°♌	
desc. node	-11677 Sep 29 j 16:42	0°♌52'57	
	-11677 Oct 23 j 07:35	0°♍	
	-11677 Nov 16 j 20:09	0°♎	
	-11677 Dec 11 j 14:53	0°♏	
	-11676 Jan 05 j 20:34	0°♐	
asc. node	-11676 Jan 19 j 00:20	15°♐17'30	
	-11676 Jan 31 j 22:34	0°♑	
	-11676 Feb 28 j 16:24	0°♒	
evening max el	-11676 Mar 13 j 08:30	13°♒34'25	45°42'39
	-11676 Apr 01 j 06:13	0°♓	
greatest brilliancy	-11676 Apr 21 j 19:13	11°♓52'32	-4.8m
retrograde	-11676 May 01 j 13:55	13°♓35'47	
desc. node	-11676 May 11 j 15:34	11°♓38'25	
evening set	-11676 May 16 j 00:41	9°♓40'39	
inferior conj	-11676 May 22 j 10:26	6°♓05'13	-2°36'23
minimum elong	-11676 May 22 j 04:39	6°♓13'44	2°34'59
min. Earth dist.	-11676 May 22 j 14:35	5°♓59'07	0.26610 AU
morning rise	-11676 May 28 j 07:57	2°♓44'09	
	-11676 Jun 03 j 13:03	30°℞♒	
direct	-11676 Jun 12 j 02:14	28°♒32'00	
	-11676 Jun 20 j 22:15	0°♓	
greatest brilliancy	-11676 Jun 23 j 08:10	0°♓51'56	-4.9m
	-11676 Jul 31 j 01:46	0°♈	
morning max el	-11676 Aug 01 j 16:55	1°♈39'20	46°40'37
	-11676 Aug 27 j 16:42	0°♉	
asc. node	-11676 Aug 30 j 23:16	3°♉45'12	
	-11676 Sep 22 j 08:08	0°♊	
	-11676 Oct 17 j 09:10	0°♋	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11676 Nov 11 j 07:18	0°♌	
	-11676 Dec 06 j 05:37	0°♍	
desc. node	-11676 Dec 22 j 06:29	19°♍19'09	
	-11676 Dec 31 j 02:50	0°♎	
	-11675 Jan 24 j 20:16	0°♏	
morning set	-11675 Feb 03 j 19:00	12°♏08'43	
	-11675 Feb 18 j 08:14	0°♐	
max. Earth dist.	-11675 Mar 06 j 11:57	19°♐55'59	1.73065 AU
superior conj	-11675 Mar 10 j 22:43	25°♐26'29	-1°04'34
minimum elong	-11675 Mar 11 j 06:03	25°♐49'15	1°05'00
	-11675 Mar 14 j 14:58	0°♑	
	-11675 Apr 07 j 17:58	0°♒	
asc. node	-11675 Apr 12 j 08:44	5°♒45'18	
evening rise	-11675 Apr 15 j 05:51	9°♒20'49	
	-11675 May 01 j 19:02	0°♓	
	-11675 May 25 j 19:48	0°♈	
	-11675 Jun 18 j 22:04	0°♉	
	-11675 Jul 13 j 04:12	0°♊	
desc. node	-11675 Aug 03 j 19:49	26°♊28'27	
	-11675 Aug 06 j 17:36	0°♋	
	-11675 Aug 31 j 19:38	0°♌	
	-11675 Sep 26 j 22:28	0°♍	
evening max el	-11675 Oct 18 j 18:42	23°♍11'53	45°52'20
	-11675 Oct 25 j 18:51	0°♎	
asc. node	-11675 Nov 23 j 06:19	21°♎17'45	
greatest brilliancy	-11675 Nov 25 j 18:23	22°♎23'15	-4.7m
retrograde	-11675 Dec 07 j 04:02	24°♎47'39	
evening set	-11675 Dec 23 j 10:37	19°♎34'14	
inferior conj	-11675 Dec 28 j 12:44	16°♎24'09	6°44'51
minimum elong	-11675 Dec 28 j 04:37	16°♎37'08	6°43'26
min. Earth dist.	-11675 Dec 28 j 10:48	16°♎27'15	0.29514 AU
morning rise	-11674 Jan 01 j 22:45	13°♎37'47	
direct	-11674 Jan 19 j 08:45	7°♎51'06	
greatest brilliancy	-11674 Jan 28 j 20:41	9°♎28'46	-4.7m
	-11674 Mar 01 j 02:21	0°♏	
morning max el	-11674 Mar 09 j 09:24	7°♏36'51	46°07'01
desc. node	-11674 Mar 16 j 19:41	14°♏52'17	
	-11674 Mar 31 j 08:48	0°♐	
	-11674 Apr 27 j 03:10	0°♑	
	-11674 May 22 j 09:29	0°♒	
	-11674 Jun 15 j 19:57	0°♓	
asc. node	-11674 Jul 05 j 22:57	25°♓09'19	
	-11674 Jul 09 j 19:27	0°♈	
	-11674 Aug 02 j 14:20	0°♉	
	-11674 Aug 26 j 09:30	0°♊	
morning set	-11674 Sep 09 j 00:46	17°♊06'38	
	-11674 Sep 19 j 08:16	0°♋	
	-11674 Oct 13 j 11:52	0°♌	
superior conj	-11674 Oct 21 j 08:25	9°♌42'38	0°13'13
minimum elong	-11674 Oct 21 j 11:56	9°♌53'31	0°13'35
behind sun begin	-11674 Oct 20 j 21:24	9°♌08'37	
behind sun end	-11674 Oct 22 j 02:29	10°♌38'24	
max. Earth dist.	-11674 Oct 25 j 20:09	15°♌15'00	1.72800 AU
desc. node	-11674 Oct 27 j 05:22	16°♌57'25	
	-11674 Nov 06 j 19:36	0°♍	
evening rise	-11674 Nov 30 j 14:51	29°♍14'11	
	-11674 Dec 01 j 05:48	0°♎	
	-11674 Dec 25 j 17:23	0°♏	
	-11673 Jan 19 j 07:06	0°♐	
	-11673 Feb 13 j 01:25	0°♑	
asc. node	-11673 Feb 15 j 11:09	2°♑53'48	
	-11673 Mar 10 j 03:35	0°♒	
	-11673 Apr 04 j 17:39	0°♓	
	-11673 May 01 j 04:00	0°♈	
evening max el	-11673 May 27 j 05:56	27°♈39'06	47°30'54
	-11673 May 29 j 14:53	0°♉	
desc. node	-11673 Jun 09 j 01:42	9°♉49'37	
greatest brilliancy	-11673 Jul 07 j 16:25	28°♉59'39	-4.9m
	-11673 Jul 11 j 05:05	0°♊	
retrograde	-11673 Jul 17 j 02:01	0°♊40'32	
	-11673 Jul 22 j 18:47	30°℞♉	
evening set	-11673 Aug 03 j 20:34	24°♉32'46	
min. Earth dist.	-11673 Aug 06 j 01:27	23°♉11'48	0.26741 AU
inferior conj	-11673 Aug 06 j 18:59	22°♉44'43	-8°46'56
minimum elong	-11673 Aug 06 j 21:07	22°♉41'25	8°46'21
morning rise	-11673 Aug 09 j 21:52	20°♉50'44	
direct	-11673 Aug 26 j 23:30	15°♉08'40	
greatest brilliancy	-11673 Sep 05 j 14:06	16°♉56'10	-4.9m
	-11673 Sep 26 j 16:15	0°♊	
asc. node	-11673 Sep 28 j 11:06	1°♊28'54	
morning max el	-11673 Oct 16 j 01:38	17°♊53'06	46°20'07
	-11673 Oct 27 j 18:57	0°♋	
	-11673 Nov 24 j 01:07	0°♌	
	-11673 Dec 20 j 06:10	0°♍	
	-11672 Jan 14 j 22:59	0°♎	
desc. node	-11672 Jan 19 j 20:16	5°♎45'38	
	-11672 Feb 09 j 05:27	0°♏	
	-11672 Mar 05 j 01:25	0°♐	
	-11672 Mar 29 j 11:41	0°♑	
morning set	-11672 Apr 11 j 01:57	15°♑37'57	
	-11672 Apr 22 j 14:17	0°♒	
asc. node	-11672 May 09 j 21:37	21°♒42'25	
max. Earth dist.	-11672 May 14 j 04:42	27°♒06'32	1.71345 AU
	-11672 May 16 j 11:50	0°♓	
superior conj	-11672 May 17 j 07:25	1°♓01'39	0°17'09
minimum elong	-11672 May 17 j 03:56	0°♓50'42	0°16'38
	-11672 Jun 09 j 06:56	0°♈	
evening rise	-11672 Jun 24 j 15:30	19°♈22'02	
	-11672 Jul 03 j 02:03	0°♉	
	-11672 Jul 26 j 23:31	0°♊	
	-11672 Aug 20 j 01:21	0°♋	
desc. node	-11672 Aug 31 j 06:57	13°♋53'48	
	-11672 Sep 13 j 09:09	0°♌	
	-11672 Oct 08 j 00:51	0°♍	
	-11672 Nov 02 j 04:51	0°♎	
	-11672 Nov 28 j 08:49	0°♏	
asc. node	-11672 Dec 20 j 16:26	23°♏47'03	
	-11672 Dec 26 j 23:18	0°♐	
evening max el	-11672 Dec 28 j 13:17	1°♐31'17	44°50'00
greatest brilliancy	-11671 Feb 04 j 03:06	28°♐29'07	-4.7m
	-11671 Feb 10 j 00:17	0°♑	
retrograde	-11671 Feb 14 j 10:06	0°♑21'31	
	-11671 Feb 18 j 17:58	30°℞♐	
evening set	-11671 Mar 03 j 09:25	25°♐04'22	
inferior conj	-11671 Mar 07 j 18:38	22°♐27'09	6°59'36
minimum elong	-11671 Mar 08 j 02:45	22°♐14'42	6°57'47
min. Earth dist.	-11671 Mar 09 j 01:56	21°♐39'11	0.28730 AU
morning rise	-11671 Mar 12 j 19:28	19°♐25'49	
direct	-11671 Mar 29 j 15:37	14°♐09'58	
greatest brilliancy	-11671 Apr 10 j 02:41	16°♐29'53	-4.8m
desc. node	-11671 Apr 13 j 07:02	17°♐52'31	
	-11671 May 01 j 11:56	0°♑	
morning max el	-11671 May 18 j 15:05	15°♑38'34	46°30'59
	-11671 Jun 01 j 11:08	0°♒	
	-11671 Jun 27 j 23:20	0°♓	
	-11671 Jul 22 j 23:09	0°♈	
asc. node	-11671 Aug 02 j 12:33	12°♈57'07	
	-11671 Aug 16 j 07:20	0°♉	
	-11671 Sep 09 j 10:25	0°♊	
	-11671 Oct 03 j 14:36	0°♋	
	-11671 Oct 27 j 22:42	0°♌	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11671 Nov 21 j 10:25	0°♍	
desc. node	-11671 Nov 23 j 18:48	2°♍52'20	
morning set	-11671 Nov 24 j 00:01	3°♍08'17	
	-11671 Dec 15 j 23:29	0°♎	
max. Earth dist.	-11671 Dec 30 j 13:10	17°♎49'49	1.73828 AU
superior conj	-11670 Jan 01 j 12:39	20°♎15'13	-1°11'06
minimum elong	-11670 Jan 01 j 05:35	19°♎53'37	1°11'09
	-11670 Jan 09 j 11:27	0°♏	
	-11670 Feb 02 j 21:22	0°♐	
evening rise	-11670 Feb 06 j 04:49	4°♐04'28	
greatest brilliancy	-11670 Feb 08 j 21:51	7°♐24'39	-3.9m
	-11670 Feb 27 j 06:04	0°♑	
asc. node	-11670 Mar 14 j 22:35	19°♑18'38	
	-11670 Mar 23 j 15:15	0°♒	
	-11670 Apr 17 j 02:30	0°♓	
	-11670 May 11 j 17:18	0°♈	
	-11670 Jun 05 j 14:27	0°♉	
	-11670 Jul 01 j 00:38	0°♊	
desc. node	-11670 Jul 06 j 11:44	6°♊18'04	
	-11670 Jul 27 j 17:10	0°♋	
evening max el	-11670 Aug 06 j 22:08	10°♋43'38	47°37'32
	-11670 Aug 27 j 12:40	0°♌	
greatest brilliancy	-11670 Sep 16 j 22:22	12°♌52'44	-4.9m
retrograde	-11670 Sep 27 j 03:55	14°♌54'42	
evening set	-11670 Oct 12 j 07:23	10°♌12'57	
min. Earth dist.	-11670 Oct 17 j 15:14	6°♌54'04	0.28012 AU
inferior conj	-11670 Oct 18 j 03:50	6°♌33'40	-1°50'14
minimum elong	-11670 Oct 18 j 07:33	6°♌27'38	1°48'35
morning rise	-11670 Oct 24 j 08:29	2°♌44'14	
asc. node	-11670 Oct 25 j 22:00	1°♌53'43	
	-11670 Oct 30 j 05:02	30°℞♋	
direct	-11670 Nov 07 j 22:55	28°♋25'02	
greatest brilliancy	-11670 Nov 17 j 02:04	29°♋58'54	-4.8m
	-11670 Nov 17 j 03:24	0°♌	
morning max el	-11670 Dec 26 j 19:57	28°♌39'24	46°00'47
	-11670 Dec 28 j 05:35	0°♍	
	-11669 Jan 26 j 07:55	0°♎	
desc. node	-11669 Feb 16 j 09:29	23°♎22'08	
	-11669 Feb 22 j 05:18	0°♏	
	-11669 Mar 19 j 22:47	0°♐	
	-11669 Apr 13 j 20:57	0°♑	
	-11669 May 08 j 05:18	0°♒	
	-11669 Jun 01 j 04:27	0°♓	
asc. node	-11669 Jun 07 j 11:16	7°♓55'13	
greatest brilliancy	-11669 Jun 11 j 23:58	13°♓38'13	-3.9m
morning set	-11669 Jun 21 j 02:30	25°♓08'51	
	-11669 Jun 24 j 22:30	0°♈	
	-11669 Jul 18 j 15:06	0°♉	
superior conj	-11669 Jul 31 j 17:05	16°♉32'22	1°23'01
minimum elong	-11669 Jul 31 j 15:48	16°♉28'18	1°23'28
max. Earth dist.	-11669 Aug 06 j 03:05	23°♉22'23	1.70877 AU
	-11669 Aug 11 j 09:21	0°♊	
	-11669 Sep 04 j 07:36	0°♋	
evening rise	-11669 Sep 12 j 23:25	10°♋47'34	
	-11669 Sep 28 j 10:49	0°♌	
desc. node	-11669 Sep 28 j 18:47	0°♌24'42	
	-11669 Oct 22 j 18:51	0°♍	
	-11669 Nov 16 j 07:35	0°♎	
	-11669 Dec 11 j 02:45	0°♏	
	-11668 Jan 05 j 09:24	0°♐	
asc. node	-11668 Jan 18 j 02:39	14°♐44'57	
	-11668 Jan 31 j 13:24	0°♑	
	-11668 Feb 28 j 12:04	0°♒	
evening max el	-11668 Mar 10 j 22:02	11°♒15'18	45°39'15
	-11668 Apr 01 j 23:59	0°♓	
greatest brilliancy	-11668 Apr 19 j 05:53	9°♓25'44	-4.8m
retrograde	-11668 Apr 29 j 02:07	11°♓09'54	
desc. node	-11668 May 10 j 17:46	8°♓33'21	
evening set	-11668 May 13 j 11:47	7°♓15'25	
inferior conj	-11668 May 19 j 22:15	3°♓39'05	-2°13'27
minimum elong	-11668 May 19 j 17:15	3°♓46'25	2°12'18
min. Earth dist.	-11668 May 20 j 03:44	3°♓31'01	0.26651 AU
morning rise	-11668 May 25 j 22:05	0°♓15'21	
	-11668 May 26 j 09:56	30°℞♒	
direct	-11668 Jun 09 j 15:31	26°♒04'53	
greatest brilliancy	-11668 Jun 20 j 22:11	28°♒26'03	-4.9m
	-11668 Jun 24 j 10:09	0°♓	
morning max el	-11668 Jul 30 j 06:47	29°♓13'40	46°40'52
	-11668 Jul 31 j 00:54	0°♈	
	-11668 Aug 27 j 09:17	0°♉	
asc. node	-11668 Aug 30 j 01:30	3°♉04'56	
	-11668 Sep 21 j 22:17	0°♊	
	-11668 Oct 16 j 22:04	0°♋	
	-11668 Nov 10 j 19:25	0°♌	
	-11668 Dec 05 j 17:11	0°♍	
desc. node	-11668 Dec 21 j 08:44	18°♍51'57	
	-11668 Dec 30 j 13:59	0°♎	
	-11667 Jan 24 j 07:09	0°♏	
morning set	-11667 Feb 01 j 13:52	10°♏06'30	
	-11667 Feb 17 j 19:01	0°♐	
max. Earth dist.	-11667 Mar 04 j 09:38	18°♐01'11	1.73116 AU
superior conj	-11667 Mar 08 j 18:35	23°♐25'53	-1°06'15
minimum elong	-11667 Mar 09 j 01:44	23°♐48'03	1°06'43
	-11667 Mar 14 j 01:47	0°♑	
	-11667 Apr 07 j 04:55	0°♒	
asc. node	-11667 Apr 11 j 10:50	5°♒17'33	
evening rise	-11667 Apr 13 j 00:33	7°♒15'06	
	-11667 May 01 j 06:13	0°♓	
	-11667 May 25 j 07:16	0°♈	
	-11667 Jun 18 j 09:52	0°♉	
	-11667 Jul 12 j 16:28	0°♊	
desc. node	-11667 Aug 02 j 22:05	25°♊56'26	
	-11667 Aug 06 j 06:31	0°♋	
	-11667 Aug 31 j 09:41	0°♌	
	-11667 Sep 26 j 14:59	0°♍	
evening max el	-11667 Oct 16 j 11:45	21°♍01'30	45°55'59
	-11667 Oct 25 j 19:40	0°♎	
asc. node	-11667 Nov 22 j 08:42	19°♎48'28	
greatest brilliancy	-11667 Nov 23 j 12:11	20°♎17'09	-4.7m
retrograde	-11667 Dec 04 j 22:12	22°♎41'41	
evening set	-11667 Dec 21 j 02:02	17°♎31'37	
inferior conj	-11667 Dec 26 j 06:21	14°♎17'45	6°34'41
minimum elong	-11667 Dec 25 j 22:03	14°♎31'04	6°33'12
min. Earth dist.	-11667 Dec 26 j 03:00	14°♎23'08	0.29486 AU
morning rise	-11667 Dec 30 j 18:18	11°♎28'21	
direct	-11666 Jan 17 j 02:24	5°♎45'15	
greatest brilliancy	-11666 Jan 26 j 11:41	7°♎21'05	-4.7m
	-11666 Mar 01 j 03:53	0°♏	
morning max el	-11666 Mar 07 j 02:06	5°♏29'48	46°06'13
desc. node	-11666 Mar 15 j 21:47	14°♏08'36	
	-11666 Mar 31 j 01:16	0°♐	
	-11666 Apr 26 j 16:58	0°♑	
	-11666 May 21 j 22:08	0°♒	
	-11666 Jun 15 j 07:59	0°♓	
asc. node	-11666 Jul 05 j 01:12	24°♓39'29	
	-11666 Jul 09 j 07:09	0°♈	
	-11666 Aug 02 j 01:51	0°♉	
	-11666 Aug 25 j 20:53	0°♊	
morning set	-11666 Sep 06 j 10:05	14°♊30'06	
	-11666 Sep 18 j 19:32	0°♋	
	-11666 Oct 12 j 23:02	0°♌	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

superior conj	-11666 Oct 18 j 18:55	7°♌12'25	0°16'52
minimum elong	-11666 Oct 18 j 23:24	7°♌26'14	0°17'13
max. Earth dist.	-11666 Oct 23 j 14:46	13°♌10'02	1.72737 AU
desc. node	-11666 Oct 26 j 07:31	16°♌29'44	
	-11666 Nov 06 j 06:41	0°♍	
evening rise	-11666 Nov 28 j 06:25	27°♍00'45	
	-11666 Nov 30 j 16:51	0°♎	
	-11666 Dec 25 j 04:31	0°♏	
	-11665 Jan 18 j 18:30	0°♐	
	-11665 Feb 12 j 13:19	0°♑	
asc. node	-11665 Feb 14 j 13:26	2°♑24'40	
	-11665 Mar 09 j 16:24	0°♒	
	-11665 Apr 04 j 08:05	0°♓	
	-11665 Apr 30 j 21:28	0°♈	
evening max el	-11665 May 24 j 20:02	25°♈14'48	47°27'46
	-11665 May 29 j 16:28	0°♉	
desc. node	-11665 Jun 08 j 04:04	8°♉44'05	
greatest brilliancy	-11665 Jul 05 j 04:58	26°♉28'55	-4.9m
retrograde	-11665 Jul 14 j 14:25	28°♉09'15	
evening set	-11665 Aug 01 j 08:59	22°♉03'02	
min. Earth dist.	-11665 Aug 03 j 13:46	20°♉42'17	0.26706 AU
inferior conj	-11665 Aug 04 j 07:29	20°♉14'55	-8°48'45
minimum elong	-11665 Aug 04 j 08:42	20°♉13'02	8°48'16
morning rise	-11665 Aug 07 j 08:35	18°♉23'36	
direct	-11665 Aug 24 j 12:02	12°♉40'05	
greatest brilliancy	-11665 Sep 03 j 03:03	14°♉27'38	-4.9m
	-11665 Sep 27 j 03:30	0°♊	
asc. node	-11665 Sep 27 j 13:13	0°♊20'52	
morning max el	-11665 Oct 13 j 14:09	15°♊26'04	46°21'00
	-11665 Oct 27 j 14:11	0°♋	
	-11665 Nov 23 j 16:16	0°♌	
	-11665 Dec 19 j 19:27	0°♍	
	-11664 Jan 14 j 11:14	0°♎	
desc. node	-11664 Jan 18 j 22:21	5°♎16'02	
	-11664 Feb 08 j 17:04	0°♏	
	-11664 Mar 04 j 12:40	0°♐	
	-11664 Mar 28 j 22:44	0°♑	
morning set	-11664 Apr 08 j 20:56	13°♑33'25	
	-11664 Apr 22 j 01:18	0°♒	
asc. node	-11664 May 08 j 23:55	21°♒14'53	
max. Earth dist.	-11664 May 11 j 17:29	24°♒40'58	1.71407 AU
superior conj	-11664 May 14 j 23:51	28°♒47'25	0°13'55
minimum elong	-11664 May 14 j 21:02	28°♒38'35	0°13'25
behind sun begin	-11664 May 14 j 08:01	27°♒57'36	
behind sun end	-11664 May 15 j 10:04	29°♒19'35	
	-11664 May 15 j 22:55	0°♓	
	-11664 Jun 08 j 18:11	0°♈	
evening rise	-11664 Jun 22 j 03:58	16°♈54'16	
	-11664 Jul 02 j 13:30	0°♉	
	-11664 Jul 26 j 11:08	0°♊	
	-11664 Aug 19 j 13:09	0°♋	
desc. node	-11664 Aug 30 j 09:04	13°♋23'34	
	-11664 Sep 12 j 21:13	0°♌	
	-11664 Oct 07 j 13:23	0°♍	
	-11664 Nov 01 j 18:20	0°♎	
	-11664 Nov 28 j 00:30	0°♏	
asc. node	-11664 Dec 19 j 18:47	23°♏02'39	
evening max el	-11664 Dec 26 j 03:23	29°♏16'17	44°50'26
	-11664 Dec 26 j 21:44	0°♐	
greatest brilliancy	-11663 Feb 01 j 17:48	26°♐18'51	-4.7m
retrograde	-11663 Feb 12 j 01:28	28°♐12'23	
evening set	-11663 Mar 01 j 03:12	22°♐51'09	
inferior conj	-11663 Mar 05 j 10:27	20°♐16'43	7°08'49
minimum elong	-11663 Mar 05 j 18:12	20°♐04'50	7°07'09
min. Earth dist.	-11663 Mar 06 j 17:35	19°♐28'57	0.28799 AU
morning rise	-11663 Mar 10 j 08:34	17°♐19'01	
direct	-11663 Mar 27 j 07:19	11°♐58'01	
greatest brilliancy	-11663 Apr 07 j 18:33	14°♐17'37	-4.8m
desc. node	-11663 Apr 12 j 09:11	16°♐22'10	
	-11663 May 01 j 19:58	0°♑	
morning max el	-11663 May 16 j 06:04	13°♑21'02	46°30'16
	-11663 Jun 01 j 05:24	0°♒	
	-11663 Jun 27 j 14:10	0°♓	
	-11663 Jul 22 j 12:32	0°♈	
asc. node	-11663 Aug 01 j 14:45	12°♈23'49	
	-11663 Aug 15 j 19:58	0°♉	
	-11663 Sep 08 j 22:36	0°♊	
	-11663 Oct 03 j 02:27	0°♋	
	-11663 Oct 27 j 10:16	0°♌	
	-11663 Nov 20 j 21:45	0°♍	
morning set	-11663 Nov 21 j 13:47	0°♍49'01	
desc. node	-11663 Nov 22 j 21:05	2°♍24'44	
	-11663 Dec 15 j 10:38	0°♎	
max. Earth dist.	-11663 Dec 28 j 08:58	15°♎49'33	1.73823 AU
superior conj	-11663 Dec 30 j 06:19	18°♎08'26	-1°09'38
minimum elong	-11663 Dec 29 j 22:54	17°♎45'42	1°09'38
	-11662 Jan 08 j 22:31	0°♏	
	-11662 Feb 02 j 08:28	0°♐	
evening rise	-11662 Feb 04 j 00:36	2°♐03'28	
greatest brilliancy	-11662 Feb 07 j 12:57	6°♐22'59	-3.9m
	-11662 Feb 26 j 17:20	0°♑	
asc. node	-11662 Mar 14 j 00:46	18°♑50'03	
	-11662 Mar 23 j 02:51	0°♒	
	-11662 Apr 16 j 14:36	0°♓	
	-11662 May 11 j 06:06	0°♈	
	-11662 Jun 05 j 04:17	0°♉	
	-11662 Jun 30 j 16:15	0°♊	
desc. node	-11662 Jul 05 j 13:55	5°♊38'05	
	-11662 Jul 27 j 12:47	0°♋	
evening max el	-11662 Aug 04 j 13:01	8°♋22'13	47°39'43
	-11662 Aug 28 j 01:52	0°♌	
greatest brilliancy	-11662 Sep 14 j 15:48	10°♌35'23	-4.9m
retrograde	-11662 Sep 24 j 20:00	12°♌36'31	
evening set	-11662 Oct 10 j 00:51	7°♌52'21	
inferior conj	-11662 Oct 15 j 19:42	4°♌15'53	-2°10'24
minimum elong	-11662 Oct 16 j 00:05	4°♌08'49	2°08'34
min. Earth dist.	-11662 Oct 15 j 07:19	4°♌35'54	0.27959 AU
morning rise	-11662 Oct 22 j 00:01	0°♌27'19	
	-11662 Oct 22 j 19:55	30°℞♋	
asc. node	-11662 Oct 25 j 00:24	28°♋53'50	
direct	-11662 Nov 05 j 13:35	26°♋08'06	
greatest brilliancy	-11662 Nov 14 j 17:54	27°♋43'11	-4.8m
	-11662 Nov 20 j 06:52	0°♌	
morning max el	-11662 Dec 24 j 11:58	26°♌27'45	46°01'12
	-11662 Dec 28 j 03:48	0°♍	
	-11661 Jan 25 j 23:51	0°♎	
desc. node	-11661 Feb 15 j 11:36	22°♎48'34	
	-11661 Feb 21 j 18:54	0°♏	
	-11661 Mar 19 j 11:14	0°♐	
	-11661 Apr 13 j 08:48	0°♑	
	-11661 May 07 j 16:51	0°♒	
	-11661 May 31 j 15:52	0°♓	
asc. node	-11661 Jun 06 j 13:33	7°♓26'26	
greatest brilliancy	-11661 Jun 11 j 07:44	13°♓26'48	-3.9m
morning set	-11661 Jun 18 j 15:53	22°♓43'26	
	-11661 Jun 24 j 09:53	0°♈	
	-11661 Jul 18 j 02:28	0°♉	
superior conj	-11661 Jul 29 j 02:46	13°♉55'22	1°22'43
minimum elong	-11661 Jul 29 j 00:25	13°♉47'57	1°23'09
max. Earth dist.	-11661 Aug 03 j 07:09	20°♉27'55	1.70847 AU
	-11661 Aug 10 j 20:46	0°♊	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11661 Sep 03 j 19:04	0°♋	
evening rise	-11661 Sep 10 j 06:55	8°♋05'50	
desc. node	-11661 Sep 27 j 20:59	29°♋55'46	
	-11661 Sep 27 j 22:21	0°♌	
	-11661 Oct 22 j 06:29	0°♍	
	-11661 Nov 15 j 19:26	0°♎	
	-11661 Dec 10 j 15:03	0°♏	
	-11660 Jan 04 j 22:41	0°♐	
asc. node	-11660 Jan 17 j 04:55	14°♐10'59	
	-11660 Jan 31 j 04:48	0°♑	
	-11660 Feb 28 j 08:42	0°♒	
evening max el	-11660 Mar 08 j 12:22	8°♒57'26	45°35'58
	-11660 Apr 03 j 00:12	0°♓	
greatest brilliancy	-11660 Apr 16 j 16:52	6°♓59'08	-4.8m
retrograde	-11660 Apr 26 j 14:24	8°♓43'44	
desc. node	-11660 May 09 j 20:11	5°♓23'33	
evening set	-11660 May 10 j 23:21	4°♓49'57	
inferior conj	-11660 May 17 j 10:12	1°♓12'45	-1°50'27
minimum elong	-11660 May 17 j 06:02	1°♓18'53	1°49'33
min. Earth dist.	-11660 May 17 j 16:57	1°♓02'50	0.26693 AU
	-11660 May 19 j 11:53	30°♑℞♒	
morning rise	-11660 May 23 j 12:08	27°♒46'24	
direct	-11660 Jun 07 j 05:08	23°♒37'46	
greatest brilliancy	-11660 Jun 18 j 11:43	25°♒59'08	-4.9m
	-11660 Jun 26 j 10:05	0°♓	
morning max el	-11660 Jul 27 j 20:32	26°♓47'08	46°41'09
	-11660 Jul 30 j 23:22	0°♈	
	-11660 Aug 27 j 01:47	0°♉	
asc. node	-11660 Aug 29 j 03:39	2°♉24'13	
	-11660 Sep 21 j 12:32	0°♊	
	-11660 Oct 16 j 11:09	0°♋	
	-11660 Nov 10 j 07:47	0°♌	
	-11660 Dec 05 j 05:03	0°♍	
desc. node	-11660 Dec 20 j 10:48	18°♍23'09	
	-11660 Dec 30 j 01:28	0°♎	
	-11659 Jan 23 j 18:23	0°♏	
morning set	-11659 Jan 30 j 08:28	8°♏02'27	
	-11659 Feb 17 j 06:07	0°♐	
max. Earth dist.	-11659 Mar 02 j 06:07	16°♐01'55	1.73162 AU
superior conj	-11659 Mar 06 j 14:19	21°♐24'07	-1°07'52
minimum elong	-11659 Mar 06 j 21:16	21°♐45'37	1°08'20
	-11659 Mar 13 j 12:53	0°♑	
	-11659 Apr 06 j 16:09	0°♒	
evening rise	-11659 Apr 10 j 19:17	5°♒08'49	
asc. node	-11659 Apr 10 j 13:07	4°♒49'36	
	-11659 Apr 30 j 17:39	0°♓	
	-11659 May 24 j 19:00	0°♈	
	-11659 Jun 17 j 21:58	0°♉	
	-11659 Jul 12 j 05:01	0°♊	
desc. node	-11659 Aug 02 j 00:17	25°♊23'28	
	-11659 Aug 05 j 19:43	0°♋	
	-11659 Aug 31 j 00:02	0°♌	
	-11659 Sep 26 j 07:59	0°♍	
evening max el	-11659 Oct 14 j 04:19	18°♍49'04	45°59'27
	-11659 Oct 25 j 22:09	0°♎	
asc. node	-11659 Nov 21 j 11:01	18°♎15'02	
greatest brilliancy	-11659 Nov 21 j 06:29	18°♎10'32	-4.8m
retrograde	-11659 Dec 02 j 15:52	20°♎34'26	
evening set	-11659 Dec 18 j 17:25	15°♎27'50	
inferior conj	-11659 Dec 23 j 23:56	12°♎10'14	6°24'00
minimum elong	-11659 Dec 23 j 15:29	12°♎23'49	6°22'27
min. Earth dist.	-11659 Dec 23 j 19:31	12°♎17'20	0.29459 AU
morning rise	-11659 Dec 28 j 13:49	9°♎17'35	
direct	-11658 Jan 14 j 19:49	3°♎38'18	
greatest brilliancy	-11658 Jan 24 j 03:04	5°♎12'31	-4.7m
	-11658 Mar 01 j 04:39	0°♏	
morning max el	-11658 Mar 04 j 17:57	3°♏19'43	46°05'31
desc. node	-11658 Mar 14 j 24:00	13°♏24'49	
	-11658 Mar 30 j 17:49	0°♐	
	-11658 Apr 26 j 06:55	0°♑	
	-11658 May 21 j 10:54	0°♒	
	-11658 Jun 14 j 20:09	0°♓	
asc. node	-11658 Jul 04 j 03:16	24°♓08'35	
	-11658 Jul 08 j 19:00	0°♈	
	-11658 Aug 01 j 13:31	0°♉	
	-11658 Aug 25 j 08:27	0°♊	
morning set	-11658 Sep 03 j 19:30	11°♊53'10	
	-11658 Sep 18 j 06:58	0°♋	
	-11658 Oct 12 j 10:21	0°♌	
superior conj	-11658 Oct 16 j 05:29	4°♌41'50	0°20'31
minimum elong	-11658 Oct 16 j 10:53	4°♌58'29	0°20'50
max. Earth dist.	-11658 Oct 21 j 10:20	11°♌07'26	1.72671 AU
desc. node	-11658 Oct 25 j 09:48	16°♌01'59	
	-11658 Nov 05 j 17:55	0°♍	
evening rise	-11658 Nov 25 j 21:51	24°♍46'25	
	-11658 Nov 30 j 04:05	0°♎	
	-11658 Dec 24 j 15:51	0°♏	
	-11657 Jan 18 j 06:07	0°♐	
	-11657 Feb 12 j 01:29	0°♑	
asc. node	-11657 Feb 13 j 15:37	1°♑54'32	
	-11657 Mar 09 j 05:31	0°♒	
	-11657 Apr 03 j 22:51	0°♓	
	-11657 Apr 30 j 15:29	0°♈	
evening max el	-11657 May 22 j 09:00	22°♈47'26	47°24'41
	-11657 May 29 j 19:32	0°♉	
desc. node	-11657 Jun 07 j 06:14	7°♉36'13	
greatest brilliancy	-11657 Jul 02 j 17:57	23°♉58'34	-4.9m
retrograde	-11657 Jul 12 j 02:26	25°♉37'59	
evening set	-11657 Jul 29 j 20:57	19°♉33'58	
min. Earth dist.	-11657 Aug 01 j 02:26	18°♉12'18	0.26674 AU
inferior conj	-11657 Aug 01 j 20:01	17°♉45'08	-8°49'38
minimum elong	-11657 Aug 01 j 20:18	17°♉44'42	8°49'10
morning rise	-11657 Aug 04 j 19:49	15°♉55'49	
direct	-11657 Aug 22 j 00:07	10°♉11'13	
greatest brilliancy	-11657 Aug 31 j 16:38	11°♉59'35	-4.9m
asc. node	-11657 Sep 26 j 15:35	29°♉14'59	
	-11657 Sep 27 j 11:55	0°♊	
morning max el	-11657 Oct 11 j 02:12	12°♊57'23	46°22'00
	-11657 Oct 27 j 08:58	0°♋	
	-11657 Nov 23 j 07:15	0°♌	
	-11657 Dec 19 j 08:41	0°♍	
	-11656 Jan 13 j 23:29	0°♎	
desc. node	-11656 Jan 18 j 00:27	4°♎46'27	
	-11656 Feb 08 j 04:44	0°♏	
	-11656 Mar 03 j 23:59	0°♐	
	-11656 Mar 28 j 09:53	0°♑	
morning set	-11656 Apr 06 j 15:48	11°♑28'12	
	-11656 Apr 21 j 12:24	0°♒	
asc. node	-11656 May 08 j 02:09	20°♒46'53	
max. Earth dist.	-11656 May 09 j 07:54	22°♒20'20	1.71465 AU
superior conj	-11656 May 12 j 16:13	26°♒32'51	0°10'41
minimum elong	-11656 May 12 j 14:05	26°♒26'10	0°10'11
behind sun begin	-11656 May 11 j 19:55	25°♒28'59	
behind sun end	-11656 May 13 j 08:16	27°♒23'21	
	-11656 May 15 j 10:04	0°♓	
	-11656 Jun 08 j 05:27	0°♈	
evening rise	-11656 Jun 19 j 16:37	14°♈27'13	
	-11656 Jul 02 j 00:55	0°♉	
	-11656 Jul 25 j 22:44	0°♊	
	-11656 Aug 19 j 00:57	0°♋	
desc. node	-11656 Aug 29 j 11:18	12°♋53'39	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11656 Sep 12 j 09:18	0°♌	
	-11656 Oct 07 j 01:58	0°♍	
	-11656 Nov 01 j 07:54	0°♎	
	-11656 Nov 27 j 16:22	0°♏	
asc. node	-11656 Dec 18 j 21:02	22°♏17'34	
evening max el	-11656 Dec 23 j 17:50	27°♏02'25	44°51'00
	-11656 Dec 26 j 21:00	0°♐	
greatest brilliancy	-11655 Jan 30 j 07:41	24°♐08'00	-4.7m
retrograde	-11655 Feb 09 j 17:13	26°♐03'29	
evening set	-11655 Feb 26 j 20:50	20°♐38'10	
inferior conj	-11655 Mar 03 j 02:14	18°♐06'18	7°17'22
minimum elong	-11655 Mar 03 j 09:33	17°♐55'04	7°15'50
min. Earth dist.	-11655 Mar 04 j 08:52	17°♐19'18	0.28873 AU
morning rise	-11655 Mar 07 j 21:41	15°♐12'22	
direct	-11655 Mar 24 j 23:23	9°♐46'04	
greatest brilliancy	-11655 Apr 05 j 10:10	12°♐05'17	-4.8m
desc. node	-11655 Apr 11 j 11:33	14°♐55'04	
	-11655 May 02 j 01:48	0°♑	
morning max el	-11655 May 13 j 22:05	11°♑06'07	46°29'31
	-11655 May 31 j 23:19	0°♒	
	-11655 Jun 27 j 04:51	0°♓	
	-11655 Jul 22 j 01:47	0°♈	
asc. node	-11655 Jul 31 j 16:56	11°♈50'53	
	-11655 Aug 15 j 08:27	0°♉	
	-11655 Sep 08 j 10:35	0°♊	
	-11655 Oct 02 j 14:06	0°♋	
	-11655 Oct 26 j 21:40	0°♌	
morning set	-11655 Nov 19 j 03:25	28°♌29'37	
	-11655 Nov 20 j 08:57	0°♍	
desc. node	-11655 Nov 21 j 23:06	1°♍56'43	
	-11655 Dec 14 j 21:39	0°♎	
max. Earth dist.	-11655 Dec 26 j 05:35	13°♎52'13	1.73815 AU
superior conj	-11655 Dec 27 j 23:57	16°♎01'58	-1°08'03
minimum elong	-11655 Dec 27 j 16:10	15°♎38'08	1°08'00
	-11654 Jan 08 j 09:25	0°♏	
evening rise	-11654 Feb 01 j 20:29	0°♐03'24	
	-11654 Feb 01 j 19:23	0°♐	
greatest brilliancy	-11654 Feb 06 j 05:14	5°♐25'32	-3.9m
	-11654 Feb 26 j 04:27	0°♑	
asc. node	-11654 Mar 13 j 03:07	18°♑22'27	
	-11654 Mar 22 j 14:20	0°♒	
	-11654 Apr 16 j 02:38	0°♓	
	-11654 May 10 j 18:53	0°♈	
	-11654 Jun 04 j 18:08	0°♉	
	-11654 Jun 30 j 07:57	0°♊	
desc. node	-11654 Jul 04 j 16:09	4°♊58'13	
	-11654 Jul 27 j 08:48	0°♋	
evening max el	-11654 Aug 02 j 04:41	6°♋03'20	47°42'01
	-11654 Aug 28 j 19:04	0°♌	
greatest brilliancy	-11654 Sep 12 j 08:40	8°♌17'54	-4.9m
retrograde	-11654 Sep 22 j 12:31	10°♌18'45	
evening set	-11654 Oct 07 j 18:25	5°♌31'58	
inferior conj	-11654 Oct 13 j 11:29	1°♌58'23	-2°30'33
minimum elong	-11654 Oct 13 j 16:31	1°♌50'17	2°28'31
min. Earth dist.	-11654 Oct 12 j 22:58	2°♌18'33	0.27906 AU
	-11654 Oct 16 j 13:54	30°℞♋	
morning rise	-11654 Oct 19 j 15:20	28°♋11'04	
asc. node	-11654 Oct 24 j 02:44	25°♋58'52	
direct	-11654 Nov 03 j 04:40	23°♋51'33	
greatest brilliancy	-11654 Nov 12 j 09:09	25°♋27'19	-4.8m
	-11654 Nov 22 j 02:41	0°♌	
morning max el	-11654 Dec 22 j 04:39	24°♌18'23	46°01'35
	-11654 Dec 28 j 00:56	0°♍	
	-11653 Jan 25 j 15:17	0°♎	
desc. node	-11653 Feb 14 j 13:47	22°♎16'08	
	-11653 Feb 21 j 08:06	0°♏	
	-11653 Mar 18 j 23:21	0°♐	
	-11653 Apr 12 j 20:22	0°♑	
	-11653 May 07 j 04:09	0°♒	
	-11653 May 31 j 03:05	0°♓	
asc. node	-11653 Jun 05 j 15:37	6°♓57'39	
greatest brilliancy	-11653 Jun 10 j 13:35	13°♓09'57	-3.9m
morning set	-11653 Jun 16 j 05:12	20°♓18'24	
	-11653 Jun 23 j 21:04	0°♈	
	-11653 Jul 17 j 13:41	0°♉	
superior conj	-11653 Jul 26 j 12:12	11°♉18'06	1°22'15
minimum elong	-11653 Jul 26 j 08:50	11°♉07'26	1°22'38
max. Earth dist.	-11653 Jul 31 j 11:46	17°♉35'36	1.70815 AU
	-11653 Aug 10 j 08:00	0°♊	
	-11653 Sep 03 j 06:20	0°♋	
evening rise	-11653 Sep 07 j 13:57	5°♋23'10	
desc. node	-11653 Sep 26 j 23:15	29°♋27'51	
	-11653 Sep 27 j 09:39	0°♌	
	-11653 Oct 21 j 17:51	0°♍	
	-11653 Nov 15 j 07:01	0°♎	
	-11653 Dec 10 j 03:08	0°♏	
	-11652 Jan 04 j 11:48	0°♐	
asc. node	-11652 Jan 16 j 07:13	13°♐37'51	
	-11652 Jan 30 j 20:05	0°♑	
	-11652 Feb 28 j 05:36	0°♒	
evening max el	-11652 Mar 06 j 02:51	6°♒41'11	45°32'43
	-11652 Apr 04 j 08:39	0°♓	
greatest brilliancy	-11652 Apr 14 j 04:29	4°♓34'54	-4.8m
retrograde	-11652 Apr 24 j 02:22	6°♓19'07	
evening set	-11652 May 08 j 11:19	2°♓25'57	
desc. node	-11652 May 08 j 22:15	2°♓11'53	
	-11652 May 12 j 21:20	30°℞♒	
inferior conj	-11652 May 14 j 22:19	28°♒48'08	-1°27'30
minimum elong	-11652 May 14 j 18:59	28°♒53'03	1°26'51
min. Earth dist.	-11652 May 15 j 06:33	28°♒36'00	0.26740 AU
morning rise	-11652 May 21 j 02:05	25°♒19'06	
direct	-11652 Jun 04 j 18:40	21°♒12'18	
greatest brilliancy	-11652 Jun 16 j 01:26	23°♒33'35	-4.9m
	-11652 Jun 27 j 17:58	0°♓	
morning max el	-11652 Jul 25 j 09:32	24°♓19'24	46°41'12
	-11652 Jul 30 j 20:46	0°♈	
	-11652 Aug 26 j 17:51	0°♉	
asc. node	-11652 Aug 28 j 05:57	1°♉44'52	
	-11652 Sep 21 j 02:28	0°♊	
	-11652 Oct 15 j 23:56	0°♋	
	-11652 Nov 09 j 19:50	0°♌	
	-11652 Dec 04 j 16:34	0°♍	
desc. node	-11652 Dec 19 j 12:54	17°♍55'22	
	-11652 Dec 29 j 12:38	0°♎	
	-11651 Jan 23 j 05:18	0°♏	
morning set	-11651 Jan 28 j 03:04	5°♏59'23	
	-11651 Feb 16 j 16:56	0°♐	
max. Earth dist.	-11651 Feb 28 j 01:02	13°♐58'45	1.73206 AU
superior conj	-11651 Mar 04 j 10:18	19°♐24'04	-1°09'23
minimum elong	-11651 Mar 04 j 17:00	19°♐44'47	1°09'52
	-11651 Mar 12 j 23:42	0°♑	
	-11651 Apr 06 j 03:04	0°♒	
evening rise	-11651 Apr 08 j 14:20	3°♒04'32	
asc. node	-11651 Apr 09 j 15:25	4°♒22'38	
	-11651 Apr 30 j 04:46	0°♓	
	-11651 May 24 j 06:25	0°♈	
	-11651 Jun 17 j 09:47	0°♉	
	-11651 Jul 11 j 17:20	0°♊	
desc. node	-11651 Aug 01 j 02:33	24°♊51'21	
	-11651 Aug 05 j 08:44	0°♋	
	-11651 Aug 30 j 14:19	0°♌	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11651 Sep 26 j 01:07	0°♍	
evening max el	-11651 Oct 11 j 20:03	16°♍34'57	46°03'06
	-11651 Oct 26 j 01:58	0°♎	
greatest brilliancy	-11651 Nov 19 j 01:17	16°♎05'03	-4.8m
asc. node	-11651 Nov 20 j 13:12	16°♎38'58	
retrograde	-11651 Nov 30 j 09:19	18°♎27'58	
evening set	-11651 Dec 16 j 08:54	13°♎24'42	
inferior conj	-11651 Dec 21 j 17:34	10°♎03'35	6°12'50
minimum elong	-11651 Dec 21 j 09:01	10°♎17'22	6°11'12
min. Earth dist.	-11651 Dec 21 j 12:26	10°♎11'52	0.29427 AU
morning rise	-11651 Dec 26 j 09:23	7°♎07'36	
direct	-11650 Jan 12 j 12:37	1°♎32'10	
greatest brilliancy	-11650 Jan 21 j 18:59	3°♎05'19	-4.7m
	-11650 Mar 01 j 03:56	0°♏	
morning max el	-11650 Mar 02 j 09:19	1°♏09'22	46°04'53
desc. node	-11650 Mar 14 j 02:15	12°♏42'40	
	-11650 Mar 30 j 09:45	0°♐	
	-11650 Apr 25 j 20:26	0°♑	
	-11650 May 20 j 23:18	0°♒	
	-11650 Jun 14 j 07:58	0°♓	
asc. node	-11650 Jul 03 j 05:32	23°♓39'23	
	-11650 Jul 08 j 06:31	0°♈	
	-11650 Aug 01 j 00:53	0°♉	
	-11650 Aug 24 j 19:43	0°♊	
morning set	-11650 Sep 01 j 04:45	9°♊16'21	
	-11650 Sep 17 j 18:10	0°♋	
	-11650 Oct 11 j 21:27	0°♌	
superior conj	-11650 Oct 13 j 15:37	2°♌10'24	0°24'09
minimum elong	-11650 Oct 13 j 21:54	2°♌29'51	0°24'26
max. Earth dist.	-11650 Oct 19 j 03:25	8°♌57'44	1.72602 AU
desc. node	-11650 Oct 24 j 11:51	15°♌34'09	
	-11650 Nov 05 j 04:57	0°♍	
evening rise	-11650 Nov 23 j 12:41	22°♍30'50	
	-11650 Nov 29 j 15:06	0°♎	
	-11650 Dec 24 j 02:58	0°♏	
	-11649 Jan 17 j 17:31	0°♐	
	-11649 Feb 11 j 13:27	0°♑	
asc. node	-11649 Feb 12 j 18:00	1°♑25'38	
	-11649 Mar 08 j 18:30	0°♒	
	-11649 Apr 03 j 13:34	0°♓	
	-11649 Apr 30 j 09:37	0°♈	
evening max el	-11649 May 19 j 21:22	20°♈19'38	47°21'36
	-11649 May 29 j 23:50	0°♉	
desc. node	-11649 Jun 06 j 08:29	6°♉27'42	
greatest brilliancy	-11649 Jun 30 j 07:01	21°♉29'23	-4.9m
retrograde	-11649 Jul 09 j 14:32	23°♉08'10	
evening set	-11649 Jul 27 j 08:26	17°♉06'53	
min. Earth dist.	-11649 Jul 29 j 15:14	15°♉43'29	0.26644 AU
inferior conj	-11649 Jul 30 j 08:39	15°♉16'40	-8°49'21
minimum elong	-11649 Jul 30 j 08:00	15°♉17'40	8°48'54
morning rise	-11649 Aug 02 j 07:42	13°♉28'38	
direct	-11649 Aug 19 j 11:59	7°♉43'23	
greatest brilliancy	-11649 Aug 29 j 06:33	9°♉33'05	-4.9m
asc. node	-11649 Sep 25 j 17:52	28°♉11'33	
	-11649 Sep 27 j 17:36	0°♊	
morning max el	-11649 Oct 08 j 14:50	10°♊30'43	46°22'53
	-11649 Oct 27 j 03:04	0°♋	
	-11649 Nov 22 j 21:54	0°♌	
	-11649 Dec 18 j 21:42	0°♍	
	-11648 Jan 13 j 11:33	0°♎	
desc. node	-11648 Jan 17 j 02:42	4°♎17'44	
	-11648 Feb 07 j 16:13	0°♏	
	-11648 Mar 03 j 11:07	0°♐	
	-11648 Mar 27 j 20:51	0°♑	
morning set	-11648 Apr 04 j 10:42	9°♑23'45	
	-11648 Apr 20 j 23:20	0°♒	

max. Earth dist.	-11648 May 06 j 23:19	20°♒03'24	1.71523 AU
asc. node	-11648 May 07 j 04:15	20°♒18'53	
superior conj	-11648 May 10 j 08:47	24°♒19'24	0°07'27
minimum elong	-11648 May 10 j 07:20	24°♒14'51	0°06'57
behind sun begin	-11648 May 09 j 10:17	23°♒08'39	
behind sun end	-11648 May 11 j 04:23	25°♒21'03	
	-11648 May 14 j 21:06	0°♓	
	-11648 Jun 07 j 16:37	0°♈	
evening rise	-11648 Jun 17 j 05:43	12°♈02'00	
	-11648 Jul 01 j 12:13	0°♉	
	-11648 Jul 25 j 10:10	0°♊	
	-11648 Aug 18 j 12:35	0°♋	
desc. node	-11648 Aug 28 j 13:37	12°♋24'35	
	-11648 Sep 11 j 21:14	0°♌	
	-11648 Oct 06 j 14:26	0°♍	
	-11648 Oct 31 j 21:26	0°♎	
	-11648 Nov 27 j 08:23	0°♏	
asc. node	-11648 Dec 17 j 23:22	21°♏32'14	
evening max el	-11648 Dec 21 j 09:21	24°♏51'19	44°51'45
	-11648 Dec 26 j 21:18	0°♐	
greatest brilliancy	-11647 Jan 27 j 21:26	21°♐57'27	-4.7m
retrograde	-11647 Feb 07 j 09:26	23°♐55'04	
evening set	-11647 Feb 24 j 14:30	18°♐25'57	
inferior conj	-11647 Feb 28 j 18:08	15°♐56'23	7°25'15
minimum elong	-11647 Mar 01 j 01:00	15°♐45'51	7°23'51
min. Earth dist.	-11647 Mar 01 j 23:51	15°♐10'46	0.28942 AU
morning rise	-11647 Mar 05 j 10:59	13°♐06'11	
direct	-11647 Mar 22 j 16:03	7°♐34'53	
greatest brilliancy	-11647 Apr 03 j 01:09	9°♐52'55	-4.8m
desc. node	-11647 Apr 10 j 13:39	13°♐30'55	
	-11647 May 02 j 05:37	0°♑	
morning max el	-11647 May 11 j 14:50	8°♑53'42	46°28'38
	-11647 May 31 j 16:45	0°♒	
	-11647 Jun 26 j 19:19	0°♓	
	-11647 Jul 21 j 14:55	0°♈	
asc. node	-11647 Jul 30 j 19:09	11°♈18'19	
	-11647 Aug 14 j 20:49	0°♉	
	-11647 Sep 07 j 22:29	0°♊	
	-11647 Oct 02 j 01:40	0°♋	
	-11647 Oct 26 j 08:59	0°♌	
morning set	-11647 Nov 16 j 17:07	26°♌10'33	
	-11647 Nov 19 j 20:04	0°♍	
desc. node	-11647 Nov 21 j 01:15	1°♍29'17	
	-11647 Dec 14 j 08:38	0°♎	
max. Earth dist.	-11647 Dec 24 j 03:30	11°♎58'51	1.73810 AU
superior conj	-11647 Dec 25 j 17:26	13°♎55'01	-1°06'21
minimum elong	-11647 Dec 25 j 09:21	13°♎30'16	1°06'16
	-11646 Jan 07 j 20:20	0°♏	
evening rise	-11646 Jan 30 j 16:15	28°♏02'55	
	-11646 Feb 01 j 06:20	0°♐	
greatest brilliancy	-11646 Feb 05 j 00:18	4°♐36'35	-3.9m
	-11646 Feb 25 j 15:36	0°♑	
asc. node	-11646 Mar 12 j 05:22	17°♑54'28	
	-11646 Mar 22 j 01:52	0°♒	
	-11646 Apr 15 j 14:43	0°♓	
	-11646 May 10 j 07:44	0°♈	
	-11646 Jun 04 j 08:08	0°♉	
	-11646 Jun 29 j 23:58	0°♊	
desc. node	-11646 Jul 03 j 18:30	4°♊18'02	
	-11646 Jul 27 j 05:32	0°♋	
evening max el	-11646 Jul 30 j 21:29	3°♋47'01	47°44'07
	-11646 Aug 29 j 18:26	0°♌	
greatest brilliancy	-11646 Sep 10 j 01:25	5°♌59'58	-4.9m
retrograde	-11646 Sep 20 j 05:10	8°♌00'24	
evening set	-11646 Oct 05 j 12:06	3°♌11'08	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

min. Earth dist.	-11646 Oct 10 j 14:23	0°♌01'04	0.27849 AU
	-11646 Oct 10 j 15:03	30℞♋	
inferior conj	-11646 Oct 11 j 03:13	29°♋40'27	-2°50'32
minimum elong	-11646 Oct 11 j 08:51	29°♋31'22	2°48'19
morning rise	-11646 Oct 17 j 06:24	25°♋54'38	
asc. node	-11646 Oct 23 j 04:50	23°♋08'35	
direct	-11646 Oct 31 j 20:05	21°♋34'52	
greatest brilliancy	-11646 Nov 09 j 23:50	23°♋10'37	-4.8m
	-11646 Nov 23 j 08:38	0°♌	
morning max el	-11646 Dec 19 j 21:15	22°♌08'40	46°01'54
	-11646 Dec 27 j 21:23	0°♍	
	-11645 Jan 25 j 06:33	0°♎	
desc. node	-11645 Feb 13 j 15:58	21°♎43'35	
	-11645 Feb 20 j 21:20	0°♏	
	-11645 Mar 18 j 11:33	0°♐	
	-11645 Apr 12 j 08:02	0°♑	
	-11645 May 06 j 15:33	0°♒	
	-11645 May 30 j 14:23	0°♓	
asc. node	-11645 Jun 04 j 17:52	6°♓29'11	
greatest brilliancy	-11645 Jun 09 j 14:47	12°♓38'08	-3.9m
morning set	-11645 Jun 13 j 18:40	17°♓53'39	
	-11645 Jun 23 j 08:21	0°♈	
	-11645 Jul 17 j 01:00	0°♉	
superior conj	-11645 Jul 23 j 21:51	8°♉41'05	1°21'36
minimum elong	-11645 Jul 23 j 17:29	8°♉27'17	1°21'57
max. Earth dist.	-11645 Jul 28 j 15:58	14°♉41'26	1.70788 AU
	-11645 Aug 09 j 19:24	0°♊	
	-11645 Sep 02 j 17:47	0°♋	
evening rise	-11645 Sep 04 j 20:53	2°♋39'28	
desc. node	-11645 Sep 26 j 01:20	28°♋58'46	
	-11645 Sep 26 j 21:08	0°♌	
	-11645 Oct 21 j 05:24	0°♍	
	-11645 Nov 14 j 18:46	0°♎	
	-11645 Dec 09 j 15:23	0°♏	
	-11644 Jan 04 j 01:08	0°♐	
asc. node	-11644 Jan 15 j 09:33	13°♐04'12	
	-11644 Jan 30 j 11:47	0°♑	
	-11644 Feb 28 j 03:30	0°♒	
evening max el	-11644 Mar 03 j 17:00	4°♒23'36	45°29'26
	-11644 Apr 06 j 08:46	0°♓	
greatest brilliancy	-11644 Apr 11 j 16:52	2°♓11'12	-4.8m
retrograde	-11644 Apr 21 j 13:51	3°♓54'24	
evening set	-11644 May 05 j 23:38	0°♓01'31	
	-11644 May 06 j 00:49	30℞♒	
desc. node	-11644 May 08 j 00:31	28°♒56'41	
inferior conj	-11644 May 12 j 10:37	26°♒23'35	-1°04'24
minimum elong	-11644 May 12 j 08:09	26°♒27'14	1°04'03
min. Earth dist.	-11644 May 12 j 20:42	26°♒08'42	0.26788 AU
morning rise	-11644 May 18 j 15:59	22°♒51'56	
direct	-11644 Jun 02 j 07:49	18°♒46'44	
greatest brilliancy	-11644 Jun 13 j 15:49	21°♒08'30	-4.9m
	-11644 Jun 28 j 17:14	0°♓	
morning max el	-11644 Jul 22 j 21:40	21°♓48'53	46°41'11
	-11644 Jul 30 j 17:38	0°♈	
	-11644 Aug 26 j 09:52	0°♉	
asc. node	-11644 Aug 27 j 08:11	1°♉05'05	
	-11644 Sep 20 j 16:30	0°♊	
	-11644 Oct 15 j 12:54	0°♋	
	-11644 Nov 09 j 08:06	0°♌	
	-11644 Dec 04 j 04:19	0°♍	
desc. node	-11644 Dec 18 j 15:09	17°♍27'22	
	-11644 Dec 28 j 23:59	0°♎	
	-11643 Jan 22 j 16:25	0°♏	
morning set	-11643 Jan 25 j 21:45	3°♏56'02	
	-11643 Feb 16 j 03:56	0°♐	
max. Earth dist.	-11643 Feb 25 j 20:12	11°♐55'48	1.73253 AU
superior conj	-11643 Mar 02 j 06:26	17°♐23'53	-1°10'48
minimum elong	-11643 Mar 02 j 12:50	17°♐43'41	1°11'17
	-11643 Mar 12 j 10:45	0°♑	
	-11643 Apr 05 j 14:15	0°♒	
evening rise	-11643 Apr 06 j 09:29	0°♒59'51	
asc. node	-11643 Apr 08 j 17:31	3°♒54'14	
	-11643 Apr 29 j 16:11	0°♓	
	-11643 May 23 j 18:09	0°♈	
	-11643 Jun 16 j 21:55	0°♉	
	-11643 Jul 11 j 05:59	0°♊	
desc. node	-11643 Jul 31 j 04:48	24°♊18'10	
	-11643 Aug 04 j 22:08	0°♋	
	-11643 Aug 30 j 05:03	0°♌	
	-11643 Sep 25 j 18:59	0°♍	
evening max el	-11643 Oct 09 j 11:05	14°♍17'53	46°06'47
	-11643 Oct 26 j 08:13	0°♎	
greatest brilliancy	-11643 Nov 16 j 19:57	13°♎58'03	-4.8m
asc. node	-11643 Nov 19 j 15:37	14°♎58'30	
retrograde	-11643 Nov 28 j 02:39	16°♎20'23	
evening set	-11643 Dec 14 j 00:20	11°♎20'08	
inferior conj	-11643 Dec 19 j 11:10	7°♎55'53	6°01'00
minimum elong	-11643 Dec 19 j 02:33	8°♎09'47	5°59'20
min. Earth dist.	-11643 Dec 19 j 05:33	8°♎04'56	0.29391 AU
morning rise	-11643 Dec 24 j 04:58	4°♎56'36	
	-11642 Jan 04 j 18:07	30℞♍	
direct	-11642 Jan 10 j 04:55	29°♍24'51	
	-11642 Jan 15 j 19:49	0°♎	
greatest brilliancy	-11642 Jan 19 j 11:23	0°♎57'43	-4.7m
morning max el	-11642 Feb 28 j 00:39	28°♎58'18	46°04'25
	-11642 Mar 01 j 02:34	0°♏	
desc. node	-11642 Mar 13 j 04:21	12°♏00'02	
	-11642 Mar 30 j 01:41	0°♐	
	-11642 Apr 25 j 10:06	0°♑	
	-11642 May 20 j 11:55	0°♒	
	-11642 Jun 13 j 20:04	0°♓	
asc. node	-11642 Jul 02 j 07:45	23°♓08'57	
	-11642 Jul 07 j 18:20	0°♈	
	-11642 Jul 31 j 12:34	0°♉	
	-11642 Aug 24 j 07:17	0°♊	
morning set	-11642 Aug 29 j 13:46	6°♊37'40	
	-11642 Sep 17 j 05:38	0°♋	
superior conj	-11642 Oct 11 j 01:27	29°♋37'05	0°27'45
minimum elong	-11642 Oct 11 j 08:36	29°♋59'13	0°28'02
	-11642 Oct 11 j 08:51	0°♌	
max. Earth dist.	-11642 Oct 16 j 18:18	6°♌40'17	1.72534 AU
desc. node	-11642 Oct 23 j 14:00	15°♌05'40	
	-11642 Nov 04 j 16:18	0°♍	
evening rise	-11642 Nov 21 j 03:13	20°♍13'17	
	-11642 Nov 29 j 02:27	0°♎	
	-11642 Dec 23 j 14:25	0°♏	
	-11641 Jan 17 j 05:13	0°♐	
	-11641 Feb 11 j 01:43	0°♑	
asc. node	-11641 Feb 11 j 20:15	0°♑55'30	
	-11641 Mar 08 j 07:48	0°♒	
	-11641 Apr 03 j 04:43	0°♓	
	-11641 Apr 30 j 04:31	0°♈	
evening max el	-11641 May 17 j 09:33	17°♈50'32	47°18'16
	-11641 May 30 j 06:34	0°♉	
desc. node	-11641 Jun 05 j 10:51	5°♉16'05	
greatest brilliancy	-11641 Jun 27 j 19:22	18°♉57'38	-4.9m
retrograde	-11641 Jul 07 j 02:38	20°♉36'27	
evening set	-11641 Jul 24 j 18:58	14°♉38'24	
min. Earth dist.	-11641 Jul 27 j 03:36	13°♉12'39	0.26619 AU
inferior conj	-11641 Jul 27 j 20:57	12°♉46'03	-8°47'49
minimum elong	-11641 Jul 27 j 19:21	12°♉48'29	8°47'22
morning rise	-11641 Jul 30 j 19:51	10°♉58'34	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

direct	-11641 Aug 16 j 23:48	5°♉13'11	
greatest brilliancy	-11641 Aug 26 j 20:06	7°♉04'27	-4.9m
asc. node	-11641 Sep 24 j 20:00	27°♉07'58	
	-11641 Sep 27 j 21:58	0°♊	
morning max el	-11641 Oct 06 j 04:08	8°♊04'22	46°23'51
	-11641 Oct 26 j 21:10	0°♋	
	-11641 Nov 22 j 12:45	0°♌	
	-11641 Dec 18 j 10:58	0°♍	
	-11640 Jan 12 j 23:53	0°♎	
desc. node	-11640 Jan 16 j 04:46	3°♎47'37	
	-11640 Feb 07 j 03:58	0°♏	
	-11640 Mar 02 j 22:30	0°♐	
	-11640 Mar 27 j 08:02	0°♑	
morning set	-11640 Apr 02 j 05:56	7°♑19'45	
	-11640 Apr 20 j 10:29	0°♒	
max. Earth dist.	-11640 May 04 j 15:40	17°♒48'53	1.71581 AU
asc. node	-11640 May 06 j 06:33	19°♒50'58	
superior conj	-11640 May 08 j 01:43	22°♒06'34	0°04'13
minimum elong	-11640 May 08 j 00:56	22°♒04'06	0°03'45
behind sun begin	-11640 May 07 j 02:26	20°♒53'24	
behind sun end	-11640 May 08 j 23:26	23°♒14'50	
	-11640 May 14 j 08:19	0°♓	
	-11640 Jun 07 j 03:59	0°♈	
evening rise	-11640 Jun 14 j 19:09	9°♈37'06	
	-11640 Jun 30 j 23:46	0°♉	
	-11640 Jul 24 j 21:55	0°♊	
	-11640 Aug 18 j 00:33	0°♋	
desc. node	-11640 Aug 27 j 15:42	11°♋53'47	
	-11640 Sep 11 j 09:32	0°♌	
	-11640 Oct 06 j 03:17	0°♍	
	-11640 Oct 31 j 11:24	0°♎	
	-11640 Nov 27 j 01:01	0°♏	
asc. node	-11640 Dec 17 j 01:43	20°♏45'14	
evening max el	-11640 Dec 19 j 01:28	22°♏40'42	44°52'36
	-11640 Dec 26 j 23:17	0°♐	
greatest brilliancy	-11639 Jan 25 j 11:30	19°♐46'29	-4.7m
retrograde	-11639 Feb 05 j 01:38	21°♐45'42	
evening set	-11639 Feb 22 j 08:06	16°♐13'18	
inferior conj	-11639 Feb 26 j 10:02	13°♐45'43	7°32'30
minimum elong	-11639 Feb 26 j 16:24	13°♐35'55	7°31'14
min. Earth dist.	-11639 Feb 27 j 14:37	13°♐01'45	0.29003 AU
morning rise	-11639 Mar 03 j 00:17	10°♐59'05	
direct	-11639 Mar 20 j 08:58	5°♐23'14	
greatest brilliancy	-11639 Mar 31 j 15:26	7°♐39'11	-4.8m
desc. node	-11639 Apr 09 j 15:51	12°♐08'59	
	-11639 May 02 j 08:05	0°♑	
morning max el	-11639 May 09 j 07:24	6°♑40'38	46°27'51
	-11639 May 31 j 09:58	0°♒	
	-11639 Jun 26 j 09:44	0°♓	
	-11639 Jul 21 j 04:04	0°♈	
asc. node	-11639 Jul 29 j 21:19	10°♈45'16	
	-11639 Aug 14 j 09:18	0°♉	
	-11639 Sep 07 j 10:34	0°♊	
	-11639 Oct 01 j 13:28	0°♋	
	-11639 Oct 25 j 20:33	0°♌	
morning set	-11639 Nov 14 j 06:13	23°♌48'52	
	-11639 Nov 19 j 07:25	0°♍	
desc. node	-11639 Nov 20 j 03:30	1°♍01'27	
	-11639 Dec 13 j 19:49	0°♎	
max. Earth dist.	-11639 Dec 22 j 02:41	10°♎08'45	1.73800 AU
superior conj	-11639 Dec 23 j 10:19	11°♎45'38	-1°04'32
minimum elong	-11639 Dec 23 j 01:59	11°♎20'05	1°04'24
	-11638 Jan 07 j 07:26	0°♏	
evening rise	-11638 Jan 28 j 11:44	26°♏01'00	
	-11638 Jan 31 j 17:29	0°♐	
greatest brilliancy	-11638 Feb 03 j 22:25	3°♐56'29	-3.9m
	-11638 Feb 25 j 02:57	0°♑	
asc. node	-11638 Mar 11 j 07:32	17°♑25'43	
	-11638 Mar 21 j 13:35	0°♒	
	-11638 Apr 15 j 02:58	0°♓	
	-11638 May 09 j 20:44	0°♈	
	-11638 Jun 03 j 22:17	0°♉	
	-11638 Jun 29 j 16:13	0°♊	
desc. node	-11638 Jul 02 j 20:41	3°♊37'01	
	-11638 Jul 27 j 03:00	0°♋	
evening max el	-11638 Jul 28 j 14:23	1°♋30'44	47°45'48
	-11638 Aug 31 j 03:24	0°♌	
greatest brilliancy	-11638 Sep 07 j 18:07	3°♌41'07	-4.9m
retrograde	-11638 Sep 17 j 21:22	5°♌40'33	
evening set	-11638 Oct 03 j 05:43	0°♌48'57	
	-11638 Oct 04 j 14:26	30°℞♋	
min. Earth dist.	-11638 Oct 08 j 05:41	27°♋42'05	0.27796 AU
inferior conj	-11638 Oct 08 j 18:41	27°♋21'10	-3°10'25
minimum elong	-11638 Oct 09 j 00:55	27°♋11'09	3°08'04
morning rise	-11638 Oct 14 j 21:00	23°♋36'55	
asc. node	-11638 Oct 22 j 07:16	20°♋21'30	
direct	-11638 Oct 29 j 11:21	19°♋17'00	
greatest brilliancy	-11638 Nov 07 j 14:26	20°♋52'28	-4.8m
	-11638 Nov 24 j 06:49	0°♌	
morning max el	-11638 Dec 17 j 13:04	19°♌56'17	46°02'12
	-11638 Dec 27 j 17:26	0°♍	
	-11637 Jan 24 j 21:46	0°♎	
desc. node	-11637 Feb 12 j 18:04	21°♎10'39	
	-11637 Feb 20 j 10:33	0°♏	
	-11637 Mar 17 j 23:47	0°♐	
	-11637 Apr 11 j 19:44	0°♑	
	-11637 May 06 j 02:59	0°♒	
	-11637 May 30 j 01:41	0°♓	
asc. node	-11637 Jun 03 j 20:05	6°♓00'32	
greatest brilliancy	-11637 Jun 08 j 15:12	12°♓03'50	-3.9m
morning set	-11637 Jun 11 j 08:33	15°♓30'15	
	-11637 Jun 22 j 19:37	0°♈	
	-11637 Jul 16 j 12:15	0°♉	
superior conj	-11637 Jul 21 j 08:10	6°♉06'23	1°20'47
minimum elong	-11637 Jul 21 j 02:52	5°♉49'40	1°21'05
max. Earth dist.	-11637 Jul 25 j 18:57	11°♉43'42	1.70759 AU
	-11637 Aug 09 j 06:41	0°♊	
evening rise	-11637 Sep 02 j 04:04	29°♊56'43	
	-11637 Sep 02 j 05:07	0°♋	
desc. node	-11637 Sep 25 j 03:33	28°♋30'22	
	-11637 Sep 26 j 08:32	0°♌	
	-11637 Oct 20 j 16:55	0°♍	
	-11637 Nov 14 j 06:32	0°♎	
	-11637 Dec 09 j 03:42	0°♏	
	-11636 Jan 03 j 14:36	0°♐	
asc. node	-11636 Jan 14 j 11:48	12°♐30'00	
	-11636 Jan 30 j 03:44	0°♑	
	-11636 Feb 28 j 02:18	0°♒	
evening max el	-11636 Mar 01 j 06:02	2°♒03'27	45°26'15
greatest brilliancy	-11636 Apr 09 j 05:20	29°♒47'39	-4.8m
	-11636 Apr 09 j 20:33	0°♓	
retrograde	-11636 Apr 19 j 00:54	1°♓29'55	
	-11636 Apr 27 j 21:40	30°℞♒	
evening set	-11636 May 03 j 12:00	27°♒36'39	
desc. node	-11636 May 07 j 02:53	25°♒38'29	
inferior conj	-11636 May 09 j 22:48	23°♒59'08	-0°41'14
minimum elong	-11636 May 09 j 21:13	24°♒01'29	0°41'11
min. Earth dist.	-11636 May 10 j 11:02	23°♒41'03	0.26840 AU
morning rise	-11636 May 16 j 05:33	20°♒25'06	
direct	-11636 May 30 j 20:28	16°♒20'53	
greatest brilliancy	-11636 Jun 11 j 06:43	18°♒44'07	-4.9m

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11636 Jun 29 j 10:32	0°♓		
morning max el	-11636 Jul 20 j 09:34	19°♓18'05	46°41'31	
	-11636 Jul 30 j 13:44	0°♈		
asc. node	-11636 Aug 26 j 10:18	0°♉25'55		
	-11636 Aug 26 j 01:27	0°♉		
	-11636 Sep 20 j 06:11	0°♊		
	-11636 Oct 15 j 01:34	0°♋		
	-11636 Nov 08 j 20:06	0°♌		
	-11636 Dec 03 j 15:52	0°♍		
desc. node	-11636 Dec 17 j 17:12	16°♍59'14		
	-11636 Dec 28 j 11:12	0°♎		
	-11635 Jan 22 j 03:24	0°♏		
morning set	-11635 Jan 23 j 15:58	1°♏51'35		
	-11635 Feb 15 j 14:50	0°♐		
max. Earth dist.	-11635 Feb 23 j 15:43	9°♐54'25	1.73300 AU	
superior conj	-11635 Feb 28 j 02:13	15°♐23'10	-1°12'08	
minimum elong	-11635 Feb 28 j 08:19	15°♐41'59	1°12'38	
	-11635 Mar 11 j 21:38	0°♑		
evening rise	-11635 Apr 04 j 04:27	28°♑55'15		
	-11635 Apr 05 j 01:17	0°♒		
asc. node	-11635 Apr 07 j 19:49	3°♒27'01		
	-11635 Apr 29 j 03:28	0°♓		
	-11635 May 23 j 05:46	0°♈		
	-11635 Jun 16 j 09:56	0°♉		
	-11635 Jul 10 j 18:29	0°♊		
desc. node	-11635 Jul 30 j 07:00	23°♊45'27		
	-11635 Aug 04 j 11:21	0°♋		
	-11635 Aug 29 j 19:36	0°♌		
	-11635 Sep 25 j 12:47	0°♍		
evening max el	-11635 Oct 07 j 01:56	12°♍01'29	46°10'34	
	-11635 Oct 26 j 16:15	0°♎		
greatest brilliancy	-11635 Nov 14 j 14:00	11°♎51'22	-4.8m	
asc. node	-11635 Nov 18 j 17:52	13°♎15'26		
retrograde	-11635 Nov 25 j 20:15	14°♎14'06		
evening set	-11635 Dec 11 j 15:54	9°♎16'21		
inferior conj	-11635 Dec 17 j 04:51	5°♎49'10	5°48'43	
minimum elong	-11635 Dec 16 j 20:12	6°♎03'07	5°46'59	
min. Earth dist.	-11635 Dec 16 j 22:38	5°♎59'12	0.29359 AU	
morning rise	-11635 Dec 22 j 00:41	2°♎46'47		
	-11635 Dec 27 j 05:47	30°℞♍		
direct	-11634 Jan 07 j 21:21	27°♍18'21		
greatest brilliancy	-11634 Jan 17 j 04:08	28°♍51'25	-4.7m	
	-11634 Jan 20 j 07:02	0°♎		
morning max el	-11634 Feb 25 j 16:52	26°♎50'03	46°03'52	
	-11634 Mar 01 j 00:06	0°♏		
desc. node	-11634 Mar 12 j 06:34	11°♏18'48		
	-11634 Mar 29 j 17:10	0°♐		
	-11634 Apr 24 j 23:25	0°♑		
	-11634 May 20 j 00:15	0°♒		
	-11634 Jun 13 j 07:52	0°♓		
asc. node	-11634 Jul 01 j 09:49	22°♓38'58		
	-11634 Jul 07 j 05:53	0°♈		
	-11634 Jul 30 j 23:58	0°♉		
	-11634 Aug 23 j 18:35	0°♊		
morning set	-11634 Aug 26 j 22:55	4°♊00'07		
	-11634 Sep 16 j 16:48	0°♋		
superior conj	-11634 Oct 08 j 11:28	27°♋05'14	0°31'18	
minimum elong	-11634 Oct 08 j 19:27	27°♋29'57	0°31'33	
	-11634 Oct 10 j 19:54	0°♌		
max. Earth dist.	-11634 Oct 14 j 07:27	4°♌18'28	1.72461 AU	
desc. node	-11634 Oct 22 j 16:18	14°♌38'44		
	-11634 Nov 04 j 03:17	0°♍		
evening rise	-11634 Nov 18 j 17:56	17°♍57'31		
	-11634 Nov 28 j 13:25	0°♎		
	-11634 Dec 23 j 01:30	0°♏		
	-11633 Jan 16 j 16:37	0°♐		
asc. node	-11633 Feb 10 j 22:27	0°♑26'03		
	-11633 Feb 10 j 13:44	0°♑		
	-11633 Mar 07 j 20:55	0°♒		
	-11633 Apr 02 j 19:46	0°♓		
	-11633 Apr 29 j 23:36	0°♈		
evening max el	-11633 May 14 j 22:30	15°♈24'26	47°14'59	
	-11633 May 30 j 15:16	0°♉		
desc. node	-11633 Jun 04 j 12:58	4°♉02'45		
greatest brilliancy	-11633 Jun 25 j 06:57	16°♉25'53	-4.9m	
retrograde	-11633 Jul 04 j 15:07	18°♉05'29		
evening set	-11633 Jul 22 j 04:54	12°♉11'08		
min. Earth dist.	-11633 Jul 24 j 15:30	10°♉42'49	0.26595 AU	
inferior conj	-11633 Jul 25 j 09:06	10°♉15'58	-8°45'19	
minimum elong	-11633 Jul 25 j 06:34	10°♉19'50	8°44'50	
morning rise	-11633 Jul 28 j 08:20	8°♉28'27		
direct	-11633 Aug 14 j 12:09	2°♉43'36		
greatest brilliancy	-11633 Aug 24 j 09:09	4°♉35'57	-4.9m	
asc. node	-11633 Sep 23 j 22:21	26°♉07'18		
	-11633 Sep 28 j 00:19	0°♊		
morning max el	-11633 Oct 03 j 18:19	5°♊41'08	46°24'56	
	-11633 Oct 26 j 14:29	0°♋		
	-11633 Nov 22 j 03:01	0°♌		
	-11633 Dec 17 j 23:42	0°♍		
	-11632 Jan 12 j 11:44	0°♎		
desc. node	-11632 Jan 15 j 06:53	3°♎19'02		
	-11632 Feb 06 j 15:16	0°♏		
	-11632 Mar 02 j 09:30	0°♐		
	-11632 Mar 26 j 18:54	0°♑		
morning set	-11632 Mar 31 j 01:10	5°♑16'50		
	-11632 Apr 19 j 21:20	0°♒		
max. Earth dist.	-11632 May 02 j 05:56	15°♒28'48	1.71639 AU	
asc. node	-11632 May 05 j 08:47	19°♒23'41		
superior conj	-11632 May 05 j 18:40	19°♒54'43	0°00'58	
minimum elong	-11632 May 05 j 18:33	19°♒54'21	0°00'31	
behind sun begin	-11632 May 04 j 19:44	18°♒42'43		
behind sun end	-11632 May 06 j 17:22	21°♒06'01		
	-11632 May 13 j 19:16	0°♓		
	-11632 Jun 06 j 15:05	0°♈		
evening rise	-11632 Jun 12 j 08:36	7°♈13'12		
	-11632 Jun 30 j 11:01	0°♉		
	-11632 Jul 24 j 09:22	0°♊		
	-11632 Aug 17 j 12:14	0°♋		
desc. node	-11632 Aug 26 j 17:57	11°♋24'24		
	-11632 Sep 10 j 21:34	0°♌		
	-11632 Oct 05 j 15:52	0°♍		
	-11632 Oct 31 j 01:05	0°♎		
	-11632 Nov 26 j 17:28	0°♏		
asc. node	-11632 Dec 16 j 03:56	19°♏58'40		
evening max el	-11632 Dec 16 j 17:58	20°♏32'29	44°53'36	
	-11632 Dec 27 j 02:01	0°♐		
greatest brilliancy	-11631 Jan 23 j 02:19	17°♐38'25	-4.7m	
retrograde	-11631 Feb 02 j 17:43	19°♐38'32		
evening set	-11631 Feb 20 j 01:52	14°♐03'22		
inferior conj	-11631 Feb 24 j 02:17	11°♐37'24	7°38'56	
minimum elong	-11631 Feb 24 j 08:07	11°♐28'24	7°37'48	
min. Earth dist.	-11631 Feb 25 j 05:40	10°♐55'08	0.29064 AU	
morning rise	-11631 Feb 28 j 14:01	8°♐53'59		
direct	-11631 Mar 18 j 02:14	3°♐13'59		
greatest brilliancy	-11631 Mar 29 j 05:49	5°♐27'18	-4.8m	
desc. node	-11631 Apr 08 j 18:12	10°♐51'12		
	-11631 May 02 j 08:48	0°♑		
morning max el	-11631 May 06 j 23:25	4°♑27'19	46°26'48	
	-11631 May 31 j 02:35	0°♒		
	-11631 Jun 25 j 23:47	0°♓		
	-11631 Jul 20 j 16:55	0°♈		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

asc. node	-11631 Jul 28 j 23:31	10°♈13'08	
	-11631 Aug 13 j 21:29	0°♉	
	-11631 Sep 06 j 22:20	0°♊	
	-11631 Oct 01 j 00:57	0°♋	
	-11631 Oct 25 j 07:48	0°♌	
morning set	-11631 Nov 11 j 19:20	21°♌28'00	
	-11631 Nov 18 j 18:28	0°♍	
desc. node	-11631 Nov 19 j 05:31	0°♍33'48	
	-11631 Dec 13 j 06:41	0°♎	
max. Earth dist.	-11631 Dec 20 j 02:04	8°♎20'09	1.73781 AU
superior conj	-11631 Dec 21 j 03:17	9°♎37'21	-1°02'38
minimum elong	-11631 Dec 20 j 18:43	9°♎11'08	1°02'27
	-11630 Jan 06 j 18:12	0°♏	
evening rise	-11630 Jan 26 j 07:26	24°♏00'47	
	-11630 Jan 31 j 04:18	0°♐	
greatest brilliancy	-11630 Feb 02 j 19:58	3°♐15'41	-3.9m
	-11630 Feb 24 j 13:59	0°♑	
asc. node	-11630 Mar 10 j 09:54	16°♑58'35	
	-11630 Mar 21 j 01:01	0°♒	
	-11630 Apr 14 j 14:59	0°♓	
	-11630 May 09 j 09:36	0°♈	
	-11630 Jun 03 j 12:25	0°♉	
	-11630 Jun 29 j 08:37	0°♊	
desc. node	-11630 Jul 01 j 22:55	2°♊56'01	
evening max el	-11630 Jul 26 j 06:39	29°♊13'00	47°47'23
	-11630 Jul 27 j 01:07	0°♋	
	-11630 Sep 02 j 04:34	0°♌	
greatest brilliancy	-11630 Sep 05 j 11:16	1°♌23'03	-4.9m
retrograde	-11630 Sep 15 j 13:05	3°♌20'42	
	-11630 Sep 28 j 03:43	30°℞♋	
evening set	-11630 Sep 30 j 23:22	28°♋26'51	
inferior conj	-11630 Oct 06 j 10:07	25°♋02'12	-3°30'06
minimum elong	-11630 Oct 06 j 16:53	24°♋51'18	3°27'37
min. Earth dist.	-11630 Oct 05 j 21:12	25°♋23'00	0.27740 AU
morning rise	-11630 Oct 12 j 11:16	21°♋19'31	
asc. node	-11630 Oct 21 j 09:31	17°♋39'58	
direct	-11630 Oct 27 j 02:14	16°♋59'26	
greatest brilliancy	-11630 Nov 05 j 05:25	18°♋34'56	-4.8m
	-11630 Nov 24 j 23:04	0°♌	
morning max el	-11630 Dec 15 j 04:04	17°♌42'14	46°02'36
	-11630 Dec 27 j 12:40	0°♍	
	-11629 Jan 24 j 12:32	0°♎	
desc. node	-11629 Feb 11 j 20:16	20°♎38'49	
	-11629 Feb 19 j 23:26	0°♏	
	-11629 Mar 17 j 11:42	0°♐	
	-11629 Apr 11 j 07:10	0°♑	
	-11629 May 05 j 14:12	0°♒	
	-11629 May 29 j 12:49	0°♓	
asc. node	-11629 Jun 02 j 22:11	5°♓32'00	
greatest brilliancy	-11629 Jun 07 j 14:03	11°♓25'00	-3.9m
morning set	-11629 Jun 08 j 22:38	13°♓07'52	
	-11629 Jun 22 j 06:46	0°♈	
	-11629 Jul 15 j 23:28	0°♉	
superior conj	-11629 Jul 18 j 18:24	3°♉31'35	1°19'47
minimum elong	-11629 Jul 18 j 12:16	3°♉12'12	1°20'02
max. Earth dist.	-11629 Jul 22 j 16:47	8°♉29'49	1.70739 AU
	-11629 Aug 08 j 17:58	0°♊	
evening rise	-11629 Aug 30 j 10:47	27°♊12'28	
	-11629 Sep 01 j 16:27	0°♋	
desc. node	-11629 Sep 24 j 05:49	28°♋02'12	
	-11629 Sep 25 j 19:54	0°♌	
	-11629 Oct 20 j 04:23	0°♍	
	-11629 Nov 13 j 18:16	0°♎	
	-11629 Dec 08 j 16:01	0°♏	
	-11628 Jan 03 j 04:05	0°♐	
asc. node	-11628 Jan 13 j 14:06	11°♐56'04	
	-11628 Jan 29 j 19:48	0°♑	
evening max el	-11628 Feb 27 j 18:43	29°♑43'18	45°23'22
	-11628 Feb 28 j 01:47	0°♒	
greatest brilliancy	-11628 Apr 06 j 17:50	27°♒25'43	-4.8m
retrograde	-11628 Apr 16 j 12:36	29°♒07'46	
evening set	-11628 May 01 j 00:58	25°♒13'20	
desc. node	-11628 May 06 j 04:56	22°♒21'31	
inferior conj	-11628 May 07 j 11:25	21°♒36'36	-0°18'29
minimum elong	-11628 May 07 j 10:42	21°♒37'40	0°18'41
min. Earth dist.	-11628 May 08 j 01:39	21°♒15'35	0.26899 AU
morning rise	-11628 May 13 j 19:25	18°♒00'43	
direct	-11628 May 28 j 09:30	13°♒56'45	
greatest brilliancy	-11628 Jun 08 j 22:21	16°♒22'05	-4.9m
	-11628 Jun 29 j 23:13	0°♓	
morning max el	-11628 Jul 17 j 22:14	16°♓49'31	46°41'30
	-11628 Jul 30 j 09:14	0°♈	
asc. node	-11628 Aug 25 j 12:38	29°♈47'21	
	-11628 Aug 25 j 16:56	0°♉	
	-11628 Sep 19 j 19:55	0°♊	
	-11628 Oct 14 j 14:18	0°♋	
	-11628 Nov 08 j 08:11	0°♌	
	-11628 Dec 03 j 03:28	0°♍	
desc. node	-11628 Dec 16 j 19:19	16°♍31'06	
	-11628 Dec 27 j 22:28	0°♎	
morning set	-11627 Jan 21 j 10:04	29°♎46'37	
	-11627 Jan 21 j 14:27	0°♏	
	-11627 Feb 15 j 01:47	0°♐	
max. Earth dist.	-11627 Feb 21 j 12:31	7°♐56'49	1.73342 AU
superior conj	-11627 Feb 25 j 22:13	13°♐22'59	-1°13'22
minimum elong	-11627 Feb 26 j 03:59	13°♐40'45	1°13'53
	-11627 Mar 11 j 08:35	0°♑	
evening rise	-11627 Apr 01 j 23:54	26°♑52'06	
	-11627 Apr 04 j 12:20	0°♒	
asc. node	-11627 Apr 06 j 22:04	2°♒59'31	
	-11627 Apr 28 j 14:45	0°♓	
	-11627 May 22 j 17:23	0°♈	
	-11627 Jun 15 j 21:59	0°♉	
	-11627 Jul 10 j 07:05	0°♊	
desc. node	-11627 Jul 29 j 09:16	23°♊12'26	
	-11627 Aug 04 j 00:47	0°♋	
	-11627 Aug 29 j 10:34	0°♌	
	-11627 Sep 25 j 07:24	0°♍	
evening max el	-11627 Oct 04 j 17:15	9°♍45'12	46°14'25
	-11627 Oct 27 j 03:52	0°♎	
greatest brilliancy	-11627 Nov 12 j 07:33	9°♎42'40	-4.8m
asc. node	-11627 Nov 17 j 20:04	11°♎27'07	
retrograde	-11627 Nov 23 j 14:10	12°♎06'16	
evening set	-11627 Dec 09 j 07:21	7°♎10'49	
inferior conj	-11627 Dec 14 j 22:18	3°♎40'49	5°35'53
minimum elong	-11627 Dec 14 j 13:41	3°♎54'43	5°34'06
min. Earth dist.	-11627 Dec 14 j 15:15	3°♎52'11	0.29323 AU
morning rise	-11627 Dec 19 j 20:14	0°♎35'28	
	-11627 Dec 20 j 20:26	30°℞♍	
direct	-11626 Jan 05 j 13:50	25°♍10'19	
greatest brilliancy	-11626 Jan 14 j 20:18	26°♍43'24	-4.7m
	-11626 Jan 22 j 12:39	0°♎	
morning max el	-11626 Feb 23 j 09:45	24°♎42'47	46°03'26
	-11626 Feb 28 j 21:10	0°♏	
desc. node	-11626 Mar 11 j 08:49	10°♏37'29	
	-11626 Mar 29 j 08:37	0°♐	
	-11626 Apr 24 j 12:49	0°♑	
	-11626 May 19 j 12:39	0°♒	
	-11626 Jun 12 j 19:46	0°♓	
asc. node	-11626 Jun 30 j 12:04	22°♓09'15	
	-11626 Jul 06 j 17:32	0°♈	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11626 Jul 30 j 11:29	0°♉	
	-11626 Aug 23 j 06:01	0°♊	
morning set	-11626 Aug 24 j 08:12	1°♊22'24	
	-11626 Sep 16 j 04:12	0°♋	
superior conj	-11626 Oct 05 j 20:54	24°♋30'31	0°34'50
minimum elong	-11626 Oct 06 j 05:39	24°♋57'41	0°35'04
	-11626 Oct 10 j 07:15	0°♌	
max. Earth dist.	-11626 Oct 11 j 18:47	1°♌49'56	1.72395 AU
desc. node	-11626 Oct 21 j 18:18	14°♌09'59	
	-11626 Nov 03 j 14:36	0°♍	
evening rise	-11626 Nov 16 j 07:53	15°♍38'17	
	-11626 Nov 28 j 00:44	0°♎	
	-11626 Dec 22 j 12:56	0°♏	
	-11625 Jan 16 j 04:22	0°♐	
asc. node	-11625 Feb 10 j 00:50	29°♐56'06	
	-11625 Feb 10 j 02:08	0°♑	
	-11625 Mar 07 j 10:27	0°♒	
	-11625 Apr 02 j 11:21	0°♓	
	-11625 Apr 29 j 19:29	0°♈	
evening max el	-11625 May 12 j 12:33	13°♈00'38	47°11'44
	-11625 May 31 j 03:07	0°♉	
desc. node	-11625 Jun 03 j 15:16	2°♉47'03	
greatest brilliancy	-11625 Jun 22 j 18:02	13°♉53'36	-4.9m
retrograde	-11625 Jul 02 j 04:04	15°♉34'26	
evening set	-11625 Jul 19 j 14:33	9°♉44'28	
min. Earth dist.	-11625 Jul 22 j 03:12	8°♉13'23	0.26569 AU
inferior conj	-11625 Jul 22 j 21:20	7°♉45'48	-8°41'47
minimum elong	-11625 Jul 22 j 17:54	7°♉51'01	8°41'13
morning rise	-11625 Jul 25 j 21:24	5°♉57'30	
direct	-11625 Aug 12 j 01:02	0°♉14'18	
greatest brilliancy	-11625 Aug 21 j 21:42	2°♉06'46	-4.9m
asc. node	-11625 Sep 23 j 00:37	25°♉07'24	
	-11625 Sep 28 j 01:29	0°♊	
morning max el	-11625 Oct 01 j 08:36	3°♊17'36	46°25'40
	-11625 Oct 26 j 07:44	0°♋	
	-11625 Nov 21 j 17:30	0°♌	
	-11625 Dec 17 j 12:47	0°♍	
	-11624 Jan 11 j 23:58	0°♎	
desc. node	-11624 Jan 14 j 09:06	2°♎49'29	
	-11624 Feb 06 j 02:57	0°♏	
	-11624 Mar 01 j 20:51	0°♐	
	-11624 Mar 26 j 06:06	0°♑	
morning set	-11624 Mar 28 j 20:16	3°♑12'33	
	-11624 Apr 19 j 08:32	0°♒	
max. Earth dist.	-11624 Apr 29 j 18:37	13°♒02'52	1.71697 AU
superior conj	-11624 May 03 j 11:43	17°♒42'19	-0°02'16
minimum elong	-11624 May 03 j 12:16	17°♒44'04	0°02'44
behind sun begin	-11624 May 02 j 13:43	16°♒33'17	
behind sun end	-11624 May 04 j 10:50	18°♒54'51	
asc. node	-11624 May 04 j 10:50	18°♒54'53	
	-11624 May 13 j 06:33	0°♓	
	-11624 Jun 06 j 02:30	0°♈	
evening rise	-11624 Jun 09 j 22:23	4°♈49'21	
	-11624 Jun 29 j 22:35	0°♉	
	-11624 Jul 23 j 21:05	0°♊	
	-11624 Aug 17 j 00:11	0°♋	
desc. node	-11624 Aug 25 j 20:15	10°♋54'22	
	-11624 Sep 10 j 09:51	0°♌	
	-11624 Oct 05 j 04:46	0°♍	
	-11624 Oct 30 j 15:15	0°♎	
	-11624 Nov 26 j 10:42	0°♏	
evening max el	-11624 Dec 14 j 09:55	18°♏21'16	44°54'31
asc. node	-11624 Dec 15 j 06:18	19°♏10'08	
	-11624 Dec 27 j 07:16	0°♐	
greatest brilliancy	-11623 Jan 20 j 17:50	15°♐29'16	-4.7m
retrograde	-11623 Jan 31 j 09:18	17°♐29'35	
evening set	-11623 Feb 17 j 19:22	11°♐51'59	
inferior conj	-11623 Feb 21 j 18:27	9°♐27'28	7°44'47
minimum elong	-11623 Feb 21 j 23:41	9°♐19'21	7°43'45
min. Earth dist.	-11623 Feb 22 j 20:53	8°♐46'31	0.29121 AU
morning rise	-11623 Feb 26 j 03:42	6°♐47'06	
direct	-11623 Mar 15 j 18:57	1°♐03'11	
greatest brilliancy	-11623 Mar 26 j 20:15	3°♐14'01	-4.8m
desc. node	-11623 Apr 07 j 20:16	9°♐33'53	
	-11623 May 02 j 08:55	0°♑	
morning max el	-11623 May 04 j 14:19	2°♑10'07	46°25'50
	-11623 May 30 j 19:19	0°♒	
	-11623 Jun 25 j 14:03	0°♓	
	-11623 Jul 20 j 06:01	0°♈	
asc. node	-11623 Jul 28 j 01:43	9°♈40'08	
	-11623 Aug 13 j 09:55	0°♉	
	-11623 Sep 06 j 10:21	0°♊	
	-11623 Sep 30 j 12:40	0°♋	
	-11623 Oct 24 j 19:18	0°♌	
morning set	-11623 Nov 09 j 08:34	19°♌06'39	
desc. node	-11623 Nov 18 j 07:40	0°♍05'47	
	-11623 Nov 18 j 05:47	0°♍	
	-11623 Dec 12 j 17:52	0°♎	
max. Earth dist.	-11623 Dec 18 j 00:28	6°♎27'34	1.73767 AU
superior conj	-11623 Dec 18 j 20:06	7°♎27'39	-1°00'37
minimum elong	-11623 Dec 18 j 11:22	7°♎00'57	1°00'24
	-11622 Jan 06 j 05:20	0°♏	
evening rise	-11622 Jan 24 j 02:50	21°♏58'32	
	-11622 Jan 30 j 15:31	0°♐	
greatest brilliancy	-11622 Feb 01 j 18:06	2°♐35'27	-3.9m
	-11622 Feb 24 j 01:25	0°♑	
asc. node	-11622 Mar 09 j 12:06	16°♑29'45	
	-11622 Mar 20 j 12:51	0°♒	
	-11622 Apr 14 j 03:24	0°♓	
	-11622 May 08 j 22:52	0°♈	
	-11622 Jun 03 j 03:00	0°♉	
	-11622 Jun 29 j 01:39	0°♊	
desc. node	-11622 Jul 01 j 01:16	2°♊13'55	
evening max el	-11622 Jul 23 j 22:02	26°♊51'59	47°48'52
	-11622 Jul 27 j 00:28	0°♋	
greatest brilliancy	-11622 Sep 03 j 04:54	29°♋04'40	-4.9m
	-11622 Sep 06 j 01:30	0°♌	
retrograde	-11622 Sep 13 j 04:19	1°♌00'11	
	-11622 Sep 20 j 01:24	30°℞♋	
evening set	-11622 Sep 28 j 17:11	26°♋03'54	
min. Earth dist.	-11622 Oct 03 j 13:01	23°♋03'02	0.27683 AU
inferior conj	-11622 Oct 04 j 01:36	22°♋42'44	-3°49'33
minimum elong	-11622 Oct 04 j 08:53	22°♋31'00	3°46'56
morning rise	-11622 Oct 10 j 01:24	19°♋01'49	
asc. node	-11622 Oct 20 j 11:40	15°♋03'19	
direct	-11622 Oct 24 j 16:45	14°♋41'18	
greatest brilliancy	-11622 Nov 02 j 20:50	16°♋17'21	-4.8m
	-11622 Nov 25 j 11:25	0°♌	
morning max el	-11622 Dec 12 j 18:20	15°♌25'46	46°03'01
	-11622 Dec 27 j 07:35	0°♍	
	-11621 Jan 24 j 03:23	0°♎	
desc. node	-11621 Feb 10 j 22:25	20°♎06'13	
	-11621 Feb 19 j 12:32	0°♏	
	-11621 Mar 16 j 23:55	0°♐	
	-11621 Apr 10 j 18:55	0°♑	
	-11621 May 05 j 01:41	0°♒	
	-11621 May 29 j 00:12	0°♓	
asc. node	-11621 Jun 02 j 00:27	5°♓03'16	
greatest brilliancy	-11621 Jun 06 j 10:41	10°♓38'28	-3.9m
morning set	-11621 Jun 06 j 12:44	10°♓44'55	
	-11621 Jun 21 j 18:07	0°♈	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11621 Jul 15 j 10:53	0°♉	
superior conj	-11621 Jul 16 j 04:42	0°♉56'18	1°18'37
minimum elong	-11621 Jul 15 j 21:46	0°♉34'25	1°18'49
max. Earth dist.	-11621 Jul 19 j 14:15	5°♉14'05	1.70725 AU
	-11621 Aug 08 j 05:27	0°♊	
evening rise	-11621 Aug 27 j 17:36	24°♊27'52	
	-11621 Sep 01 j 03:59	0°♋	
desc. node	-11621 Sep 23 j 07:53	27°♋32'50	
	-11621 Sep 25 j 07:28	0°♌	
	-11621 Oct 19 j 16:03	0°♍	
	-11621 Nov 13 j 06:11	0°♎	
	-11621 Dec 08 j 04:30	0°♏	
	-11620 Jan 02 j 17:50	0°♐	
asc. node	-11620 Jan 12 j 16:27	11°♐21'35	
	-11620 Jan 29 j 12:21	0°♑	
evening max el	-11620 Feb 25 j 07:24	27°♑22'37	45°20'25
	-11620 Feb 28 j 02:43	0°♒	
greatest brilliancy	-11620 Apr 04 j 05:38	25°♒02'05	-4.8m
retrograde	-11620 Apr 14 j 00:45	26°♒44'38	
evening set	-11620 Apr 28 j 13:58	22°♒48'35	
inferior conj	-11620 May 04 j 23:50	19°♒12'51	0°04'28
minimum elong	-11620 May 04 j 23:59	19°♒12'37	0°03'58
transit middle	-11620 May 04 j 23:59	19°♒12'37	0°03'58
transit begin	-11620 May 04 j 19:58	19°♒18'33	
transit end	-11620 May 05 j 04:01	19°♒06'41	
desc. node	-11620 May 05 j 07:13	19°♒01'57	
min. Earth dist.	-11620 May 05 j 15:50	18°♒49'15	0.26962 AU
morning rise	-11620 May 11 j 08:56	15°♒35'36	
direct	-11620 May 25 j 22:40	11°♒31'21	
greatest brilliancy	-11620 Jun 06 j 13:35	13°♒58'45	-4.9m
	-11620 Jun 30 j 09:03	0°♓	
morning max el	-11620 Jul 15 j 11:41	14°♓22'30	46°41'38
	-11620 Jul 30 j 04:24	0°♈	
asc. node	-11620 Aug 24 j 14:50	29°♈08'25	
	-11620 Aug 25 j 08:19	0°♉	
	-11620 Sep 19 j 09:37	0°♊	
	-11620 Oct 14 j 03:02	0°♋	
	-11620 Nov 07 j 20:16	0°♌	
	-11620 Dec 02 j 15:05	0°♍	
desc. node	-11620 Dec 15 j 21:32	16°♍03'15	
	-11620 Dec 27 j 09:44	0°♎	
morning set	-11619 Jan 19 j 04:20	27°♎42'05	
	-11619 Jan 21 j 01:30	0°♏	
	-11619 Feb 14 j 12:44	0°♐	
max. Earth dist.	-11619 Feb 19 j 11:32	6°♐05'58	1.73388 AU
superior conj	-11619 Feb 23 j 18:20	11°♐23'07	-1°14'31
minimum elong	-11619 Feb 23 j 23:43	11°♐39'43	1°15'01
	-11619 Mar 10 j 19:35	0°♑	
evening rise	-11619 Mar 30 j 19:25	24°♑48'59	
	-11619 Apr 03 j 23:30	0°♒	
asc. node	-11619 Apr 06 j 00:12	2°♒31'24	
	-11619 Apr 28 j 02:11	0°♓	
	-11619 May 22 j 05:10	0°♈	
	-11619 Jun 15 j 10:10	0°♉	
	-11619 Jul 09 j 19:48	0°♊	
desc. node	-11619 Jul 28 j 11:31	22°♊39'05	
	-11619 Aug 03 j 14:20	0°♋	
	-11619 Aug 29 j 01:41	0°♌	
	-11619 Sep 25 j 02:25	0°♍	
evening max el	-11619 Oct 02 j 09:31	7°♍31'27	46°18'21
	-11619 Oct 27 j 19:17	0°♎	
greatest brilliancy	-11619 Nov 10 j 01:08	7°♎34'22	-4.8m
asc. node	-11619 Nov 16 j 22:30	9°♎35'28	
retrograde	-11619 Nov 21 j 08:37	9°♎58'51	
evening set	-11619 Dec 06 j 23:05	5°♎05'45	
inferior conj	-11619 Dec 12 j 15:52	1°♎32'56	5°22'30
minimum elong	-11619 Dec 12 j 07:20	1°♎46'40	5°20'43
min. Earth dist.	-11619 Dec 12 j 07:43	1°♎46'03	0.29283 AU
	-11619 Dec 15 j 01:56	30°℞♍	
morning rise	-11619 Dec 17 j 15:55	28°♍24'41	
direct	-11618 Jan 03 j 06:51	23°♍02'58	
greatest brilliancy	-11618 Jan 12 j 12:00	24°♍35'31	-4.7m
	-11618 Jan 23 j 23:19	0°♎	
morning max el	-11618 Feb 21 j 03:08	22°♎37'24	46°02'59
	-11618 Feb 28 j 17:19	0°♏	
desc. node	-11618 Mar 10 j 10:54	9°♏56'45	
	-11618 Mar 28 j 23:42	0°♐	
	-11618 Apr 24 j 02:00	0°♑	
	-11618 May 19 j 00:58	0°♒	
	-11618 Jun 12 j 07:39	0°♓	
asc. node	-11618 Jun 29 j 14:18	21°♓39'27	
	-11618 Jul 06 j 05:11	0°♈	
	-11618 Jul 29 j 22:59	0°♉	
morning set	-11618 Aug 21 j 17:19	28°♉44'08	
	-11618 Aug 22 j 17:25	0°♊	
	-11618 Sep 15 j 15:30	0°♋	
superior conj	-11618 Oct 03 j 06:05	21°♋55'12	0°38'19
minimum elong	-11618 Oct 03 j 15:33	22°♋24'35	0°38'32
max. Earth dist.	-11618 Oct 09 j 08:25	29°♋28'50	1.72327 AU
	-11618 Oct 09 j 18:29	0°♌	
desc. node	-11618 Oct 20 j 20:32	13°♌42'18	
	-11618 Nov 03 j 01:46	0°♍	
evening rise	-11618 Nov 13 j 21:47	13°♍19'23	
	-11618 Nov 27 j 11:55	0°♎	
	-11618 Dec 22 j 00:13	0°♏	
	-11617 Jan 15 j 15:57	0°♐	
asc. node	-11617 Feb 09 j 03:05	29°♐26'23	
	-11617 Feb 09 j 14:21	0°♑	
	-11617 Mar 06 j 23:50	0°♒	
	-11617 Apr 02 j 02:54	0°♓	
	-11617 Apr 29 j 15:45	0°♈	
evening max el	-11617 May 10 j 02:50	10°♈37'56	47°08'01
	-11617 May 31 j 18:38	0°♉	
desc. node	-11617 Jun 02 j 17:35	1°♉29'02	
greatest brilliancy	-11617 Jun 20 j 04:54	11°♉20'59	-4.9m
retrograde	-11617 Jun 29 j 16:39	13°♉02'33	
evening set	-11617 Jul 16 j 23:31	7°♉18'00	
min. Earth dist.	-11617 Jul 19 j 14:51	5°♉43'04	0.26545 AU
inferior conj	-11617 Jul 20 j 09:18	5°♉15'02	-8°37'02
minimum elong	-11617 Jul 20 j 05:01	5°♉21'33	8°36'25
morning rise	-11617 Jul 23 j 10:39	3°♉25'05	
	-11617 Jul 30 j 02:20	30°℞♈	
direct	-11617 Aug 09 j 13:49	27°♈44'30	
greatest brilliancy	-11617 Aug 19 j 10:04	29°♈36'46	-4.9m
	-11617 Aug 20 j 10:30	0°♉	
asc. node	-11617 Sep 22 j 02:46	24°♉08'33	
	-11617 Sep 28 j 01:29	0°♊	
morning max el	-11617 Sep 28 j 22:00	0°♊51'44	46°26'31
	-11617 Oct 26 j 00:33	0°♋	
	-11617 Nov 21 j 07:39	0°♌	
	-11617 Dec 17 j 01:33	0°♍	
	-11616 Jan 11 j 11:53	0°♎	
desc. node	-11616 Jan 13 j 11:11	2°♎20'27	
	-11616 Feb 05 j 14:20	0°♏	
	-11616 Mar 01 j 07:54	0°♐	
	-11616 Mar 25 j 17:00	0°♑	
morning set	-11616 Mar 26 j 15:53	1°♑10'51	
	-11616 Apr 18 j 19:25	0°♒	
max. Earth dist.	-11616 Apr 27 j 08:10	10°♒40'47	1.71759 AU
superior conj	-11616 May 01 j 05:26	15°♒33'05	-0°05'26

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

minimum elong	-11616 May 01 j 06:36	15°♒36'47	0°05'51
behind sun begin	-11616 Apr 30 j 09:15	14°♒29'48	
behind sun end	-11616 May 02 j 03:58	16°♒43'45	
asc. node	-11616 May 03 j 13:12	18°♒28'02	
	-11616 May 12 j 17:32	0°♓	
	-11616 Jun 05 j 13:38	0°♈	
evening rise	-11616 Jun 07 j 12:42	2°♈28'09	
	-11616 Jun 29 j 09:55	0°♉	
	-11616 Jul 23 j 08:39	0°♊	
	-11616 Aug 16 j 12:01	0°♋	
desc. node	-11616 Aug 24 j 22:21	10°♋24'08	
	-11616 Sep 09 j 22:02	0°♌	
	-11616 Oct 04 j 17:34	0°♍	
	-11616 Oct 30 j 05:18	0°♎	
	-11616 Nov 26 j 03:59	0°♏	
evening max el	-11616 Dec 12 j 01:05	16°♏08'59	44°55'42
asc. node	-11616 Dec 14 j 08:37	18°♏21'36	
	-11616 Dec 27 j 14:09	0°♐	
greatest brilliancy	-11615 Jan 18 j 09:52	13°♐22'03	-4.7m
retrograde	-11615 Jan 29 j 00:59	15°♐22'32	
evening set	-11615 Feb 15 j 12:56	9°♐42'38	
inferior conj	-11615 Feb 19 j 10:55	7°♐19'27	7°49'57
minimum elong	-11615 Feb 19 j 15:33	7°♐12'14	7°49'01
min. Earth dist.	-11615 Feb 20 j 12:41	6°♐39'23	0.29172 AU
morning rise	-11615 Feb 23 j 17:49	4°♐41'59	
	-11615 Mar 05 j 22:55	30°℞♏	
direct	-11615 Mar 13 j 11:22	28°♏54'12	
	-11615 Mar 21 j 05:37	0°♐	
greatest brilliancy	-11615 Mar 24 j 11:28	1°♐03'17	-4.8m
desc. node	-11615 Apr 06 j 22:31	8°♐20'27	
morning max el	-11615 May 02 j 04:54	29°♐53'38	46°25'03
	-11615 May 02 j 07:30	0°♑	
	-11615 May 30 j 11:19	0°♒	
	-11615 Jun 25 j 03:47	0°♓	
	-11615 Jul 19 j 18:41	0°♈	
asc. node	-11615 Jul 27 j 03:55	9°♈08'19	
	-11615 Aug 12 j 22:00	0°♉	
	-11615 Sep 05 j 22:06	0°♊	
	-11615 Sep 30 j 00:11	0°♋	
	-11615 Oct 24 j 06:35	0°♌	
morning set	-11615 Nov 06 j 21:11	16°♌43'57	
desc. node	-11615 Nov 17 j 09:55	29°♌38'46	
	-11615 Nov 17 j 16:51	0°♍	
	-11615 Dec 12 j 04:46	0°♎	
max. Earth dist.	-11615 Dec 15 j 21:22	4°♎31'15	1.73744 AU
superior conj	-11615 Dec 16 j 12:31	5°♎17'36	-0°58'29
minimum elong	-11615 Dec 16 j 03:41	4°♎50'35	0°58'14
	-11614 Jan 05 j 16:11	0°♏	
evening rise	-11614 Jan 21 j 22:08	19°♏56'56	
	-11614 Jan 30 j 02:26	0°♐	
greatest brilliancy	-11614 Jan 31 j 15:13	1°♐53'01	-3.9m
	-11614 Feb 23 j 12:34	0°♑	
asc. node	-11614 Mar 08 j 14:18	16°♑01'50	
	-11614 Mar 20 j 00:22	0°♒	
	-11614 Apr 13 j 15:30	0°♓	
	-11614 May 08 j 11:49	0°♈	
	-11614 Jun 02 j 17:19	0°♉	
	-11614 Jun 28 j 18:31	0°♊	
desc. node	-11614 Jun 30 j 03:26	1°♊32'07	
evening max el	-11614 Jul 21 j 12:14	24°♊29'02	47°49'59
	-11614 Jul 27 j 00:22	0°♋	
greatest brilliancy	-11614 Aug 31 j 22:17	26°♋46'13	-4.9m
retrograde	-11614 Sep 10 j 19:11	28°♋39'49	
evening set	-11614 Sep 26 j 10:50	23°♋40'34	
min. Earth dist.	-11614 Oct 01 j 04:47	20°♋42'45	0.27635 AU
inferior conj	-11614 Oct 01 j 16:54	20°♋23'14	-4°08'42
minimum elong	-11614 Oct 02 j 00:39	20°♋10'45	4°05'59
morning rise	-11614 Oct 07 j 15:10	16°♋44'26	
asc. node	-11614 Oct 19 j 14:06	12°♋31'45	
direct	-11614 Oct 22 j 06:47	12°♋22'47	
greatest brilliancy	-11614 Oct 31 j 12:32	14°♋00'02	-4.8m
	-11614 Nov 25 j 20:30	0°♌	
morning max el	-11614 Dec 10 j 08:46	13°♌09'46	46°03'34
	-11614 Dec 27 j 01:52	0°♍	
	-11613 Jan 23 j 17:49	0°♎	
desc. node	-11613 Feb 10 j 00:33	19°♎34'26	
	-11613 Feb 19 j 01:16	0°♏	
	-11613 Mar 16 j 11:47	0°♐	
	-11613 Apr 10 j 06:19	0°♑	
	-11613 May 04 j 12:51	0°♒	
	-11613 May 28 j 11:16	0°♓	
asc. node	-11613 Jun 01 j 02:39	4°♓35'19	
morning set	-11613 Jun 04 j 03:25	8°♓24'49	
	-11613 Jun 21 j 05:11	0°♈	
superior conj	-11613 Jul 13 j 15:36	28°♈23'54	1°17'18
minimum elong	-11613 Jul 13 j 07:57	27°♈59'44	1°17'26
	-11613 Jul 14 j 21:59	0°♉	
max. Earth dist.	-11613 Jul 16 j 15:39	2°♉11'46	1.70715 AU
	-11613 Aug 07 j 16:36	0°♊	
evening rise	-11613 Aug 25 j 00:54	21°♊45'42	
	-11613 Aug 31 j 15:11	0°♋	
desc. node	-11613 Sep 22 j 10:08	27°♋04'56	
	-11613 Sep 24 j 18:45	0°♌	
	-11613 Oct 19 j 03:29	0°♍	
	-11613 Nov 12 j 17:55	0°♎	
	-11613 Dec 07 j 16:52	0°♏	
	-11612 Jan 02 j 07:29	0°♐	
asc. node	-11612 Jan 11 j 18:41	10°♐47'07	
	-11612 Jan 29 j 04:57	0°♑	
evening max el	-11612 Feb 22 j 20:53	25°♑04'56	45°17'48
	-11612 Feb 28 j 04:35	0°♒	
greatest brilliancy	-11612 Apr 01 j 17:06	22°♒39'39	-4.8m
retrograde	-11612 Apr 11 j 13:34	24°♒23'04	
evening set	-11612 Apr 26 j 03:23	20°♒25'13	
inferior conj	-11612 May 02 j 12:24	16°♒50'29	0°27'15
minimum elong	-11612 May 02 j 13:25	16°♒48'59	0°26'27
min. Earth dist.	-11612 May 03 j 05:46	16°♒24'53	0.27026 AU
desc. node	-11612 May 04 j 09:35	15°♒44'02	
morning rise	-11612 May 08 j 22:26	13°♒12'14	
direct	-11612 May 23 j 12:31	9°♒07'27	
greatest brilliancy	-11612 Jun 04 j 04:17	11°♒36'04	-4.9m
	-11612 Jun 30 j 15:52	0°♓	
morning max el	-11612 Jul 13 j 02:15	11°♓59'27	46°41'46
	-11612 Jul 29 j 22:46	0°♈	
asc. node	-11612 Aug 23 j 16:58	28°♈30'31	
	-11612 Aug 24 j 23:12	0°♉	
	-11612 Sep 18 j 22:55	0°♊	
	-11612 Oct 13 j 15:26	0°♋	
	-11612 Nov 07 j 08:05	0°♌	
	-11612 Dec 02 j 02:30	0°♍	
desc. node	-11612 Dec 14 j 23:35	15°♍35'22	
	-11612 Dec 26 j 20:52	0°♎	
morning set	-11611 Jan 16 j 22:11	25°♎36'42	
	-11611 Jan 20 j 12:26	0°♏	
	-11611 Feb 13 j 23:33	0°♐	
max. Earth dist.	-11611 Feb 17 j 10:34	4°♐15'38	1.73426 AU
superior conj	-11611 Feb 21 j 14:07	9°♐22'38	-1°15'33
minimum elong	-11611 Feb 21 j 19:06	9°♐37'59	1°16'05
	-11611 Mar 10 j 06:25	0°♑	
evening rise	-11611 Mar 28 j 14:45	22°♑45'58	
	-11611 Apr 03 j 10:29	0°♒	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

asc. node	-11611 Apr 05 j 02:32	2°♒04'27	
	-11611 Apr 27 j 13:26	0°♓	
	-11611 May 21 j 16:48	0°♈	
	-11611 Jun 14 j 22:14	0°♉	
	-11611 Jul 09 j 08:26	0°♊	
desc. node	-11611 Jul 27 j 13:43	22°♊05'54	
	-11611 Aug 03 j 03:49	0°♋	
	-11611 Aug 28 j 16:48	0°♌	
	-11611 Sep 24 j 21:45	0°♍	
evening max el	-11611 Sep 30 j 02:21	5°♍19'36	46°22'13
	-11611 Oct 28 j 15:53	0°♎	
greatest brilliancy	-11611 Nov 07 j 18:48	5°♎26'21	-4.8m
asc. node	-11611 Nov 16 j 00:44	7°♎39'38	
retrograde	-11611 Nov 19 j 02:53	7°♎51'09	
evening set	-11611 Dec 04 j 14:49	3°♎00'32	
	-11611 Dec 09 j 11:29	30°℞♍	
inferior conj	-11611 Dec 10 j 09:18	29°♍24'50	5°08'37
minimum elong	-11611 Dec 10 j 00:54	29°♍38'24	5°06'50
min. Earth dist.	-11611 Dec 09 j 24:00	29°♍39'51	0.29242 AU
morning rise	-11611 Dec 15 j 11:26	26°♍13'37	
direct	-11610 Jan 01 j 00:07	20°♍55'34	
greatest brilliancy	-11610 Jan 10 j 03:14	22°♍26'57	-4.7m
	-11610 Jan 25 j 00:02	0°♎	
morning max el	-11610 Feb 18 j 20:21	20°♎31'38	46°02'27
	-11610 Feb 28 j 12:55	0°♏	
desc. node	-11610 Mar 09 j 13:08	9°♏16'48	
	-11610 Mar 28 j 14:35	0°♐	
	-11610 Apr 23 j 15:04	0°♑	
	-11610 May 18 j 13:09	0°♒	
	-11610 Jun 11 j 19:24	0°♓	
asc. node	-11610 Jun 28 j 16:22	21°♓09'30	
	-11610 Jul 05 j 16:43	0°♈	
	-11610 Jul 29 j 10:24	0°♉	
morning set	-11610 Aug 19 j 02:31	26°♉06'18	
	-11610 Aug 22 j 04:44	0°♊	
	-11610 Sep 15 j 02:45	0°♋	
superior conj	-11610 Sep 30 j 15:16	19°♋19'54	0°41'42
minimum elong	-11610 Oct 01 j 01:22	19°♋51'17	0°41'55
max. Earth dist.	-11610 Oct 06 j 23:51	27°♋13'20	1.72256 AU
	-11610 Oct 09 j 05:39	0°♌	
desc. node	-11610 Oct 19 j 22:46	13°♌14'52	
	-11610 Nov 02 j 12:53	0°♍	
evening rise	-11610 Nov 11 j 11:35	11°♍00'13	
	-11610 Nov 26 j 23:02	0°♎	
	-11610 Dec 21 j 11:28	0°♏	
	-11609 Jan 15 j 03:34	0°♐	
asc. node	-11609 Feb 08 j 05:18	28°♐56'16	
	-11609 Feb 09 j 02:40	0°♑	
	-11609 Mar 06 j 13:25	0°♒	
	-11609 Apr 01 j 18:46	0°♓	
	-11609 Apr 29 j 12:45	0°♈	
evening max el	-11609 May 07 j 16:46	8°♈14'20	47°04'22
desc. node	-11609 Jun 01 j 19:43	0°♉08'03	
	-11609 Jun 01 j 15:14	0°♉	
greatest brilliancy	-11609 Jun 17 j 16:15	8°♉49'02	-4.9m
retrograde	-11609 Jun 27 j 04:41	10°♉30'34	
evening set	-11609 Jul 14 j 08:10	4°♉52'09	
min. Earth dist.	-11609 Jul 17 j 02:46	3°♉12'25	0.26521 AU
inferior conj	-11609 Jul 17 j 21:15	2°♉44'20	-8°31'16
minimum elong	-11609 Jul 17 j 16:06	2°♉52'09	8°30'33
morning rise	-11609 Jul 21 j 00:12	0°♉52'06	
	-11609 Jul 22 j 12:40	30°℞♈	
direct	-11609 Aug 07 j 02:17	25°♈14'45	
greatest brilliancy	-11609 Aug 16 j 22:45	27°♈06'57	-4.9m
	-11609 Aug 23 j 05:59	0°♉	
asc. node	-11609 Sep 21 j 05:08	23°♉11'17	
morning max el	-11609 Sep 26 j 10:26	28°♉23'04	46°27'19
	-11609 Sep 28 j 00:31	0°♊	
	-11609 Oct 25 j 17:07	0°♋	
	-11609 Nov 20 j 21:44	0°♌	
	-11609 Dec 16 j 14:18	0°♍	
	-11608 Jan 10 j 23:50	0°♎	
desc. node	-11608 Jan 12 j 13:18	1°♎51'19	
	-11608 Feb 05 j 01:47	0°♏	
	-11608 Feb 29 j 19:04	0°♐	
morning set	-11608 Mar 24 j 11:12	29°♐07'50	
	-11608 Mar 25 j 04:03	0°♑	
	-11608 Apr 18 j 06:29	0°♒	
max. Earth dist.	-11608 Apr 24 j 21:43	8°♒18'11	1.71822 AU
superior conj	-11608 Apr 28 j 22:56	13°♒22'44	-0°08'35
minimum elong	-11608 Apr 29 j 00:44	13°♒28'23	0°08'59
behind sun begin	-11608 Apr 28 j 05:46	12°♒28'55	
behind sun end	-11608 Apr 29 j 19:42	14°♒27'50	
asc. node	-11608 May 02 j 15:23	18°♒00'02	
	-11608 May 12 j 04:42	0°♓	
evening rise	-11608 Jun 05 j 02:57	0°♈06'24	
	-11608 Jun 05 j 00:56	0°♈	
	-11608 Jun 28 j 21:23	0°♉	
	-11608 Jul 22 j 20:21	0°♊	
	-11608 Aug 15 j 24:00	0°♋	
desc. node	-11608 Aug 24 j 00:37	9°♋53'58	
	-11608 Sep 09 j 10:24	0°♌	
	-11608 Oct 04 j 06:35	0°♍	
	-11608 Oct 29 j 19:40	0°♎	
	-11608 Nov 25 j 21:50	0°♏	
evening max el	-11608 Dec 09 j 15:39	13°♏54'43	44°57'03
asc. node	-11608 Dec 13 j 10:52	17°♏31'32	
	-11608 Dec 27 j 23:53	0°♐	
greatest brilliancy	-11607 Jan 16 j 01:26	11°♐13'52	-4.7m
retrograde	-11607 Jan 26 j 16:50	13°♐15'19	
evening set	-11607 Feb 13 j 06:17	7°♐33'06	
inferior conj	-11607 Feb 17 j 03:24	5°♐11'02	7°54'16
minimum elong	-11607 Feb 17 j 07:25	5°♐04'48	7°53'27
min. Earth dist.	-11607 Feb 18 j 04:33	4°♐31'53	0.29226 AU
morning rise	-11607 Feb 21 j 08:11	2°♐36'22	
	-11607 Feb 26 j 03:04	30°℞♏	
direct	-11607 Mar 11 j 03:29	26°♏44'39	
greatest brilliancy	-11607 Mar 22 j 03:10	28°♏52'44	-4.7m
	-11607 Mar 24 j 20:46	0°♐	
desc. node	-11607 Apr 06 j 00:49	7°♐08'29	
morning max el	-11607 Apr 29 j 19:52	27°♐37'21	46°24'10
	-11607 May 02 j 05:33	0°♑	
	-11607 May 30 j 03:24	0°♒	
	-11607 Jun 24 j 17:43	0°♓	
	-11607 Jul 19 j 07:34	0°♈	
asc. node	-11607 Jul 26 j 06:06	8°♈35'43	
	-11607 Aug 12 j 10:18	0°♉	
	-11607 Sep 05 j 10:01	0°♊	
	-11607 Sep 29 j 11:52	0°♋	
	-11607 Oct 23 j 18:04	0°♌	
morning set	-11607 Nov 04 j 09:35	14°♌19'43	
desc. node	-11607 Nov 16 j 11:55	29°♌10'17	
	-11607 Nov 17 j 04:09	0°♍	
	-11607 Dec 11 j 15:55	0°♎	
max. Earth dist.	-11607 Dec 13 j 16:13	2°♎27'53	1.73721 AU
superior conj	-11607 Dec 14 j 04:49	3°♎06'26	-0°56'16
minimum elong	-11607 Dec 13 j 19:56	2°♎39'15	0°55'58
	-11606 Jan 05 j 03:16	0°♏	
evening rise	-11606 Jan 19 j 17:24	17°♏54'32	
	-11606 Jan 29 j 13:35	0°♐	
greatest brilliancy	-11606 Jan 30 j 09:11	1°♐00'12	-3.9m

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11606 Feb 22 j 23:56	0°♉		
asc. node	-11606 Mar 07 j 16:41	15°♉33'45		
	-11606 Mar 19 j 12:10	0°♒		
	-11606 Apr 13 j 03:57	0°♓		
	-11606 May 08 j 01:12	0°♈		
	-11606 Jun 02 j 08:11	0°♉		
	-11606 Jun 28 j 12:10	0°♊		
desc. node	-11606 Jun 29 j 05:42	0°♊48'46		
evening max el	-11606 Jul 19 j 02:17	22°♊04'27	47°51'11	
	-11606 Jul 27 j 01:57	0°♋		
greatest brilliancy	-11606 Aug 29 j 15:13	24°♋25'50	-4.9m	
retrograde	-11606 Sep 08 j 10:15	26°♋18'08		
evening set	-11606 Sep 24 j 04:25	21°♋15'27		
inferior conj	-11606 Sep 29 j 08:02	18°♋02'15	-4°27'29	
minimum elong	-11606 Sep 29 j 16:13	17°♋49'06	4°24'43	
min. Earth dist.	-11606 Sep 28 j 20:13	18°♋21'14	0.27586 AU	
morning rise	-11606 Oct 05 j 04:38	14°♋26'04		
asc. node	-11606 Oct 18 j 16:19	10°♋04'23		
direct	-11606 Oct 19 j 20:37	10°♋02'40		
greatest brilliancy	-11606 Oct 29 j 03:58	11°♋41'17	-4.8m	
	-11606 Nov 26 j 03:30	0°♌		
morning max el	-11606 Dec 07 j 23:53	10°♌54'22	46°04'09	
	-11606 Dec 26 j 20:02	0°♍		
	-11605 Jan 23 j 08:24	0°♎		
desc. node	-11605 Feb 09 j 02:44	19°♎02'06		
	-11605 Feb 18 j 14:14	0°♏		
	-11605 Mar 15 j 23:53	0°♐		
	-11605 Apr 09 j 17:57	0°♑		
	-11605 May 04 j 00:16	0°♒		
	-11605 May 27 j 22:37	0°♓		
asc. node	-11605 May 31 j 04:45	4°♓06'09		
morning set	-11605 Jun 01 j 18:13	6°♓04'15		
	-11605 Jun 20 j 16:34	0°♈		
superior conj	-11605 Jul 11 j 02:19	25°♈49'45	1°15'48	
minimum elong	-11605 Jul 10 j 18:04	25°♈23'37	1°15'54	
max. Earth dist.	-11605 Jul 13 j 19:18	29°♈15'17	1.70711 AU	
	-11605 Jul 14 j 09:27	0°♉		
	-11605 Aug 07 j 04:08	0°♊		
evening rise	-11605 Aug 22 j 07:48	19°♊01'01		
	-11605 Aug 31 j 02:45	0°♋		
desc. node	-11605 Sep 21 j 12:23	26°♋35'57		
	-11605 Sep 24 j 06:22	0°♌		
	-11605 Oct 18 j 15:15	0°♍		
	-11605 Nov 12 j 06:00	0°♎		
	-11605 Dec 07 j 05:37	0°♏		
	-11604 Jan 01 j 21:35	0°♐		
asc. node	-11604 Jan 10 j 20:59	10°♐11'35		
	-11604 Jan 28 j 22:13	0°♑		
evening max el	-11604 Feb 20 j 11:27	22°♑49'12	45°15'19	
	-11604 Feb 28 j 08:17	0°♒		
greatest brilliancy	-11604 Mar 30 j 04:38	20°♒17'12	-4.8m	
retrograde	-11604 Apr 09 j 02:32	22°♒01'18		
evening set	-11604 Apr 23 j 17:11	18°♒01'47		
inferior conj	-11604 Apr 30 j 01:07	14°♒28'02	0°49'37	
minimum elong	-11604 Apr 30 j 02:59	14°♒25'17	0°48'34	
min. Earth dist.	-11604 Apr 30 j 19:35	14°♒00'47	0.27091 AU	
desc. node	-11604 May 03 j 11:37	12°♒27'36		
morning rise	-11604 May 06 j 11:49	10°♒48'56		
direct	-11604 May 21 j 02:55	6°♒43'41		
greatest brilliancy	-11604 Jun 01 j 18:23	9°♒12'26	-4.9m	
	-11604 Jun 30 j 20:56	0°♓		
morning max el	-11604 Jul 10 j 16:53	9°♓35'55	46°41'34	
	-11604 Jul 29 j 17:03	0°♈		
asc. node	-11604 Aug 22 j 19:17	27°♈52'19		
	-11604 Aug 24 j 14:18	0°♉		
	-11604 Sep 18 j 12:31	0°♊		
	-11604 Oct 13 j 04:10	0°♋		
	-11604 Nov 06 j 20:13	0°♌		
	-11604 Dec 01 j 14:12	0°♍		
desc. node	-11604 Dec 14 j 01:44	15°♍06'57		
	-11604 Dec 26 j 08:15	0°♎		
morning set	-11603 Jan 14 j 15:53	23°♎30'05		
	-11603 Jan 19 j 23:38	0°♏		
	-11603 Feb 13 j 10:39	0°♐		
max. Earth dist.	-11603 Feb 15 j 08:47	2°♐22'03	1.73462 AU	
superior conj	-11603 Feb 19 j 09:54	7°♐21'22	-1°16'31	
minimum elong	-11603 Feb 19 j 14:28	7°♐35'25	1°17'03	
	-11603 Mar 09 j 17:32	0°♑		
evening rise	-11603 Mar 26 j 10:15	20°♑42'35		
	-11603 Apr 02 j 21:44	0°♒		
asc. node	-11603 Apr 04 j 04:44	1°♒36'17		
	-11603 Apr 27 j 00:57	0°♓		
	-11603 May 21 j 04:39	0°♈		
	-11603 Jun 14 j 10:33	0°♉		
	-11603 Jul 08 j 21:21	0°♊		
desc. node	-11603 Jul 26 j 15:59	21°♊31'57		
	-11603 Aug 02 j 17:40	0°♋		
	-11603 Aug 28 j 08:28	0°♌		
	-11603 Sep 24 j 18:06	0°♍		
evening max el	-11603 Sep 27 j 19:19	3°♍06'47	46°26'03	
	-11603 Oct 29 j 21:20	0°♎		
greatest brilliancy	-11603 Nov 05 j 13:11	3°♎17'52	-4.8m	
asc. node	-11603 Nov 15 j 02:56	5°♎38'15		
retrograde	-11603 Nov 16 j 20:52	5°♎41'57		
evening set	-11603 Dec 02 j 06:39	0°♎54'03		
	-11603 Dec 03 j 19:00	30°℞♍		
min. Earth dist.	-11603 Dec 07 j 16:28	27°♍32'06	0.29194 AU	
inferior conj	-11603 Dec 08 j 02:42	27°♍15'35	4°54'21	
minimum elong	-11603 Dec 07 j 18:28	27°♍28'52	4°52'33	
morning rise	-11603 Dec 13 j 06:49	24°♍01'16		
direct	-11603 Dec 29 j 17:15	18°♍47'14		
greatest brilliancy	-11602 Jan 07 j 18:26	20°♍17'16	-4.7m	
	-11602 Jan 25 j 18:42	0°♎		
morning max el	-11602 Feb 16 j 12:47	18°♎23'22	46°01'52	
	-11602 Feb 28 j 08:12	0°♏		
desc. node	-11602 Mar 08 j 15:23	8°♏36'39		
	-11602 Mar 28 j 05:30	0°♐		
	-11602 Apr 23 j 04:14	0°♑		
	-11602 May 18 j 01:29	0°♒		
	-11602 Jun 11 j 07:17	0°♓		
asc. node	-11602 Jun 27 j 18:39	20°♓39'50		
	-11602 Jul 05 j 04:22	0°♈		
	-11602 Jul 28 j 21:55	0°♉		
morning set	-11602 Aug 16 j 11:59	23°♉28'48		
	-11602 Aug 21 j 16:11	0°♊		
	-11602 Sep 14 j 14:08	0°♋		
superior conj	-11602 Sep 28 j 00:17	16°♋43'26	0°45'01	
minimum elong	-11602 Sep 28 j 10:56	17°♋16'33	0°45'15	
max. Earth dist.	-11602 Oct 04 j 15:41	24°♋58'22	1.72187 AU	
	-11602 Oct 08 j 17:01	0°♌		
desc. node	-11602 Oct 19 j 00:48	12°♌46'10		
	-11602 Nov 02 j 00:13	0°♍		
evening rise	-11602 Nov 09 j 00:46	8°♍38'29		
	-11602 Nov 26 j 10:21	0°♎		
	-11602 Dec 20 j 22:55	0°♏		
	-11601 Jan 14 j 15:22	0°♐		
asc. node	-11601 Feb 07 j 07:40	28°♐26'05		
	-11601 Feb 08 j 15:13	0°♑		
	-11601 Mar 06 j 03:16	0°♒		
	-11601 Apr 01 j 11:02	0°♓		
	-11601 Apr 29 j 10:36	0°♈		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

evening max el	-11601 May 05 j 05:59	5°♈48'43	47°00'36
desc. node	-11601 May 31 j 22:03	28°♈44'30	
	-11601 Jun 02 j 19:07	0°♉	
greatest brilliancy	-11601 Jun 15 j 04:18	6°♉17'51	-4.9m
retrograde	-11601 Jun 24 j 16:19	7°♉58'44	
evening set	-11601 Jul 11 j 16:36	2°♉26'58	
min. Earth dist.	-11601 Jul 14 j 15:14	0°♉41'26	0.26496 AU
inferior conj	-11601 Jul 15 j 09:16	0°♉14'02	-8°24'32
minimum elong	-11601 Jul 15 j 03:18	0°♉23'06	8°23'41
	-11601 Jul 15 j 18:31	30°℞♈	
morning rise	-11601 Jul 18 j 14:10	28°♈18'58	
direct	-11601 Aug 04 j 14:09	22°♈45'13	
greatest brilliancy	-11601 Aug 14 j 12:03	24°♈38'01	-4.9m
	-11601 Aug 24 j 23:15	0°♉	
asc. node	-11601 Sep 20 j 07:21	22°♉15'01	
morning max el	-11601 Sep 23 j 22:11	25°♉52'32	46°28'09
	-11601 Sep 27 j 22:37	0°♊	
	-11601 Oct 25 j 09:26	0°♋	
	-11601 Nov 20 j 11:45	0°♌	
	-11601 Dec 16 j 03:04	0°♍	
	-11600 Jan 10 j 11:50	0°♎	
desc. node	-11600 Jan 11 j 15:31	1°♎22'22	
	-11600 Feb 04 j 13:16	0°♏	
	-11600 Feb 29 j 06:14	0°♐	
morning set	-11600 Mar 22 j 06:26	27°♐04'38	
	-11600 Mar 24 j 15:06	0°♑	
	-11600 Apr 17 j 17:33	0°♒	
max. Earth dist.	-11600 Apr 22 j 13:32	6°♒02'45	1.71888 AU
superior conj	-11600 Apr 26 j 16:35	11°♒12'53	-0°11'41
minimum elong	-11600 Apr 26 j 18:59	11°♒20'24	0°12'06
behind sun begin	-11600 Apr 26 j 04:01	10°♒33'31	
behind sun end	-11600 Apr 27 j 09:57	12°♒07'18	
asc. node	-11600 May 01 j 17:28	17°♒31'47	
	-11600 May 11 j 15:52	0°♓	
evening rise	-11600 Jun 02 j 17:37	27°♓45'56	
	-11600 Jun 04 j 12:15	0°♈	
	-11600 Jun 28 j 08:53	0°♉	
	-11600 Jul 22 j 08:02	0°♊	
	-11600 Aug 15 j 11:56	0°♋	
desc. node	-11600 Aug 23 j 02:54	9°♋24'00	
	-11600 Sep 08 j 22:42	0°♌	
	-11600 Oct 03 j 19:32	0°♍	
	-11600 Oct 29 j 10:04	0°♎	
	-11600 Nov 25 j 16:00	0°♏	
evening max el	-11600 Dec 07 j 06:21	11°♏40'59	44°58'30
asc. node	-11600 Dec 12 j 13:13	16°♏41'00	
	-11600 Dec 28 j 12:56	0°♐	
greatest brilliancy	-11599 Jan 13 j 16:37	9°♐05'28	-4.7m
retrograde	-11599 Jan 24 j 09:15	11°♐08'39	
evening set	-11599 Feb 10 j 23:30	5°♐24'17	
inferior conj	-11599 Feb 14 j 20:02	3°♐03'06	7°57'54
minimum elong	-11599 Feb 14 j 23:23	2°♐57'52	7°57'10
min. Earth dist.	-11599 Feb 15 j 20:23	2°♐25'11	0.29277 AU
morning rise	-11599 Feb 18 j 22:55	0°♐31'09	
	-11599 Feb 19 j 20:05	30°℞♏	
direct	-11599 Mar 08 j 19:44	24°♏35'36	
greatest brilliancy	-11599 Mar 19 j 19:03	26°♏43'05	-4.7m
	-11599 Mar 26 j 20:39	0°♐	
desc. node	-11599 Apr 05 j 02:54	5°♐58'32	
morning max el	-11599 Apr 27 j 11:46	25°♐24'02	46°23'16
	-11599 May 02 j 02:41	0°♑	
	-11599 May 29 j 19:05	0°♒	
	-11599 Jun 24 j 07:23	0°♓	
	-11599 Jul 18 j 20:14	0°♈	
asc. node	-11599 Jul 25 j 08:18	8°♈03'43	
	-11599 Aug 11 j 22:25	0°♉	
	-11599 Sep 04 j 21:48	0°♊	
	-11599 Sep 28 j 23:22	0°♋	
	-11599 Oct 23 j 05:20	0°♌	
morning set	-11599 Nov 01 j 22:08	11°♌56'30	
desc. node	-11599 Nov 15 j 14:07	28°♌43'06	
	-11599 Nov 16 j 15:12	0°♍	
	-11599 Dec 11 j 02:51	0°♎	
superior conj	-11599 Dec 11 j 21:09	0°♎56'01	-0°53'58
minimum elong	-11599 Dec 11 j 12:15	0°♎28'46	0°53'37
max. Earth dist.	-11599 Dec 11 j 11:11	0°♎25'32	1.73700 AU
	-11598 Jan 04 j 14:10	0°♏	
evening rise	-11598 Jan 17 j 12:40	15°♏52'47	
greatest brilliancy	-11598 Jan 29 j 02:18	0°♐05'17	-3.9m
	-11598 Jan 29 j 00:35	0°♐	
	-11598 Feb 22 j 11:10	0°♑	
asc. node	-11598 Mar 06 j 18:51	15°♑05'27	
	-11598 Mar 18 j 23:48	0°♒	
	-11598 Apr 12 j 16:14	0°♓	
	-11598 May 07 j 14:28	0°♈	
	-11598 Jun 01 j 23:00	0°♉	
desc. node	-11598 Jun 28 j 08:01	0°♊05'38	
	-11598 Jun 28 j 05:59	0°♊	
evening max el	-11598 Jul 16 j 17:15	19°♊42'53	47°52'10
	-11598 Jul 27 j 04:40	0°♋	
greatest brilliancy	-11598 Aug 27 j 07:35	22°♋05'06	-4.9m
retrograde	-11598 Sep 06 j 01:42	23°♋56'46	
evening set	-11598 Sep 21 j 21:59	18°♋50'23	
inferior conj	-11598 Sep 26 j 23:03	15°♋41'30	-4°46'03
minimum elong	-11598 Sep 27 j 07:37	15°♋27'46	4°43'13
min. Earth dist.	-11598 Sep 26 j 11:15	16°♋00'23	0.27536 AU
morning rise	-11598 Oct 02 j 17:49	12°♋08'28	
direct	-11598 Oct 17 j 10:41	7°♋42'53	
asc. node	-11598 Oct 17 j 18:28	7°♋43'01	
greatest brilliancy	-11598 Oct 26 j 18:48	9°♋22'31	-4.8m
	-11598 Nov 26 j 08:01	0°♌	
morning max el	-11598 Dec 05 j 15:49	8°♌41'54	46°04'51
	-11598 Dec 26 j 13:25	0°♍	
	-11597 Jan 22 j 22:29	0°♎	
desc. node	-11597 Feb 08 j 04:53	18°♎30'48	
	-11597 Feb 18 j 02:48	0°♏	
	-11597 Mar 15 j 11:41	0°♐	
	-11597 Apr 09 j 05:19	0°♑	
	-11597 May 03 j 11:25	0°♒	
	-11597 May 27 j 09:40	0°♓	
morning set	-11597 May 30 j 09:15	3°♓45'30	
asc. node	-11597 May 30 j 07:01	3°♓38'26	
	-11597 Jun 20 j 03:39	0°♈	
superior conj	-11597 Jul 08 j 13:18	23°♈17'23	1°14'10
minimum elong	-11597 Jul 08 j 04:32	22°♈49'38	1°14'13
max. Earth dist.	-11597 Jul 11 j 01:43	26°♈28'28	1.70710 AU
	-11597 Jul 13 j 20:36	0°♉	
	-11597 Aug 06 j 15:22	0°♊	
evening rise	-11597 Aug 19 j 14:50	16°♊17'30	
	-11597 Aug 30 j 14:03	0°♋	
desc. node	-11597 Sep 20 j 14:26	26°♋07'07	
	-11597 Sep 23 j 17:44	0°♌	
	-11597 Oct 18 j 02:45	0°♍	
	-11597 Nov 11 j 17:47	0°♎	
	-11597 Dec 06 j 18:02	0°♏	
	-11596 Jan 01 j 11:25	0°♐	
asc. node	-11596 Jan 09 j 23:20	9°♐37'05	
	-11596 Jan 28 j 15:25	0°♑	
evening max el	-11596 Feb 18 j 02:34	20°♑35'55	45°12'44
	-11596 Feb 28 j 13:18	0°♒	
greatest brilliancy	-11596 Mar 27 j 16:36	17°♒56'31	-4.8m

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

retrograde	-11596 Apr 06 j 15:12	19°♒40'39	
evening set	-11596 Apr 21 j 07:17	15°♒39'32	
inferior conj	-11596 Apr 27 j 13:55	12°♒06'51	1°11'49
minimum elong	-11596 Apr 27 j 16:36	12°♒02'52	1°10'30
min. Earth dist.	-11596 Apr 28 j 09:32	11°♒37'50	0.27158 AU
desc. node	-11596 May 02 j 13:56	9°♒13'41	
morning rise	-11596 May 04 j 01:02	8°♒26'55	
direct	-11596 May 18 j 17:24	4°♒21'17	
greatest brilliancy	-11596 May 30 j 08:19	6°♒49'32	-4.9m
	-11596 Jun 30 j 23:55	0°♓	
morning max el	-11596 Jul 08 j 06:52	7°♓11'44	46°41'21
	-11596 Jul 29 j 10:36	0°♈	
asc. node	-11596 Aug 21 j 21:28	27°♈15'03	
	-11596 Aug 24 j 04:53	0°♉	
	-11596 Sep 18 j 01:41	0°♊	
	-11596 Oct 12 j 16:30	0°♋	
	-11596 Nov 06 j 08:00	0°♌	
	-11596 Dec 01 j 01:34	0°♍	
desc. node	-11596 Dec 13 j 03:55	14°♍39'43	
	-11596 Dec 25 j 19:18	0°♎	
morning set	-11595 Jan 12 j 09:44	21°♎25'06	
	-11595 Jan 19 j 10:27	0°♏	
	-11595 Feb 12 j 21:22	0°♐	
max. Earth dist.	-11595 Feb 13 j 06:35	0°♐28'22	1.73497 AU
superior conj	-11595 Feb 17 j 05:54	5°♐21'59	-1°17'22
minimum elong	-11595 Feb 17 j 10:00	5°♐34'37	1°17'53
	-11595 Mar 09 j 04:18	0°♑	
evening rise	-11595 Mar 24 j 05:56	18°♑40'56	
	-11595 Apr 02 j 08:41	0°♒	
asc. node	-11595 Apr 03 j 06:53	1°♒08'54	
	-11595 Apr 26 j 12:12	0°♓	
	-11595 May 20 j 16:17	0°♈	
	-11595 Jun 13 j 22:37	0°♉	
	-11595 Jul 08 j 10:01	0°♊	
desc. node	-11595 Jul 25 j 18:13	20°♊58'37	
	-11595 Aug 02 j 07:19	0°♋	
	-11595 Aug 28 j 00:01	0°♌	
	-11595 Sep 24 j 14:44	0°♍	
evening max el	-11595 Sep 25 j 11:41	0°♍53'09	46°29'48
	-11595 Oct 31 j 16:00	0°♎	
greatest brilliancy	-11595 Nov 03 j 08:05	1°♎10'40	-4.8m
asc. node	-11595 Nov 14 j 05:22	3°♎33'12	
retrograde	-11595 Nov 14 j 14:22	3°♎33'22	
	-11595 Nov 27 j 18:18	30°℞♍	
evening set	-11595 Nov 29 j 22:35	28°♍48'08	
inferior conj	-11595 Dec 05 j 20:06	25°♍07'08	4°39'33
minimum elong	-11595 Dec 05 j 12:06	25°♍20'06	4°37'47
min. Earth dist.	-11595 Dec 05 j 09:23	25°♍24'30	0.29144 AU
morning rise	-11595 Dec 11 j 02:09	21°♍49'38	
direct	-11595 Dec 27 j 10:01	16°♍39'42	
greatest brilliancy	-11594 Jan 05 j 10:13	18°♍08'52	-4.7m
	-11594 Jan 26 j 08:14	0°♎	
morning max el	-11594 Feb 14 j 04:23	16°♎14'07	46°01'30
	-11594 Feb 28 j 02:34	0°♏	
desc. node	-11594 Mar 07 j 17:26	7°♏57'33	
	-11594 Mar 27 j 19:51	0°♐	
	-11594 Apr 22 j 16:59	0°♑	
	-11594 May 17 j 13:28	0°♒	
	-11594 Jun 10 j 18:54	0°♓	
asc. node	-11594 Jun 26 j 20:49	20°♓10'36	
	-11594 Jul 04 j 15:47	0°♈	
	-11594 Jul 28 j 09:14	0°♉	
morning set	-11594 Aug 13 j 21:10	20°♉50'55	
	-11594 Aug 21 j 03:25	0°♊	
	-11594 Sep 14 j 01:19	0°♋	
superior conj	-11594 Sep 25 j 09:01	14°♋06'44	0°48'17
minimum elong	-11594 Sep 25 j 20:07	14°♋41'16	0°48'29
max. Earth dist.	-11594 Oct 02 j 07:09	22°♋42'52	1.72114 AU
	-11594 Oct 08 j 04:08	0°♌	
desc. node	-11594 Oct 18 j 03:02	12°♌18'49	
	-11594 Nov 01 j 11:18	0°♍	
evening rise	-11594 Nov 06 j 13:35	6°♍16'12	
	-11594 Nov 25 j 21:28	0°♎	
	-11594 Dec 20 j 10:10	0°♏	
	-11593 Jan 14 j 03:00	0°♐	
asc. node	-11593 Feb 06 j 09:54	27°♐56'09	
	-11593 Feb 08 j 03:33	0°♑	
	-11593 Mar 05 j 16:55	0°♒	
	-11593 Apr 01 j 03:14	0°♓	
	-11593 Apr 29 j 08:56	0°♈	
evening max el	-11593 May 02 j 18:08	3°♈21'24	46°56'40
desc. node	-11593 May 31 j 00:20	27°♈18'32	
	-11593 Jun 04 j 09:59	0°♉	
greatest brilliancy	-11593 Jun 12 j 16:25	3°♉47'04	-4.9m
retrograde	-11593 Jun 22 j 03:30	5°♉27'11	
evening set	-11593 Jul 09 j 00:33	0°♉02'05	
	-11593 Jul 09 j 02:00	30°℞♈	
min. Earth dist.	-11593 Jul 12 j 03:54	28°♈10'00	0.26478 AU
inferior conj	-11593 Jul 12 j 21:09	27°♈43'51	-8°16'35
minimum elong	-11593 Jul 12 j 14:25	27°♈54'03	8°15'36
morning rise	-11593 Jul 16 j 04:23	25°♈45'26	
direct	-11593 Aug 02 j 01:37	20°♈15'17	
greatest brilliancy	-11593 Aug 12 j 02:01	22°♈09'46	-4.9m
	-11593 Aug 26 j 03:55	0°♉	
asc. node	-11593 Sep 19 j 09:30	21°♉19'51	
morning max el	-11593 Sep 21 j 09:53	23°♉21'48	46°29'04
	-11593 Sep 27 j 19:53	0°♊	
	-11593 Oct 25 j 01:24	0°♋	
	-11593 Nov 20 j 01:30	0°♌	
	-11593 Dec 15 j 15:37	0°♍	
	-11592 Jan 09 j 23:38	0°♎	
desc. node	-11592 Jan 10 j 17:35	0°♎53'26	
	-11592 Feb 04 j 00:35	0°♏	
	-11592 Feb 28 j 17:17	0°♐	
morning set	-11592 Mar 20 j 01:55	25°♐02'39	
	-11592 Mar 24 j 02:00	0°♑	
	-11592 Apr 17 j 04:27	0°♒	
max. Earth dist.	-11592 Apr 20 j 07:54	3°♒55'53	1.71950 AU
superior conj	-11592 Apr 24 j 10:38	9°♒04'53	-0°14'45
minimum elong	-11592 Apr 24 j 13:36	9°♒14'12	0°15'09
behind sun begin	-11592 Apr 24 j 06:18	8°♒51'20	
behind sun end	-11592 Apr 24 j 20:54	9°♒37'04	
asc. node	-11592 Apr 30 j 19:50	17°♒04'53	
	-11592 May 11 j 02:51	0°♓	
evening rise	-11592 May 31 j 08:48	25°♓27'45	
	-11592 Jun 03 j 23:23	0°♈	
	-11592 Jun 27 j 20:15	0°♉	
	-11592 Jul 21 j 19:40	0°♊	
	-11592 Aug 14 j 23:51	0°♋	
desc. node	-11592 Aug 22 j 04:59	8°♋53'28	
	-11592 Sep 08 j 11:01	0°♌	
	-11592 Oct 03 j 08:34	0°♍	
	-11592 Oct 29 j 00:39	0°♎	
	-11592 Nov 25 j 10:41	0°♏	
evening max el	-11592 Dec 04 j 21:27	9°♏28'08	45°00'12
asc. node	-11592 Dec 11 j 15:31	15°♏49'20	
	-11592 Dec 29 j 06:34	0°♐	
greatest brilliancy	-11591 Jan 11 j 07:11	6°♐56'19	-4.7m
retrograde	-11591 Jan 22 j 02:01	9°♐01'48	
evening set	-11591 Feb 08 j 16:29	3°♐15'25	
inferior conj	-11591 Feb 12 j 12:34	0°♐54'49	8°00'59

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

minimum elong	-11591 Feb 12 j 15:16	0°♐50'36	8°00'19
min. Earth dist.	-11591 Feb 13 j 11:48	0°♐18'38	0.29325 AU
	-11591 Feb 13 j 23:48	30°℞♏	
morning rise	-11591 Feb 16 j 13:44	28°♏25'26	
direct	-11591 Mar 06 j 12:26	22°♏26'16	
greatest brilliancy	-11591 Mar 17 j 10:28	24°♏32'55	-4.7m
	-11591 Mar 28 j 04:58	0°♐	
desc. node	-11591 Apr 04 j 05:09	4°♐50'43	
morning max el	-11591 Apr 25 j 04:26	23°♐12'57	46°22'34
	-11591 May 01 j 23:05	0°♑	
	-11591 May 29 j 10:28	0°♒	
	-11591 Jun 23 j 20:51	0°♓	
	-11591 Jul 18 j 08:47	0°♈	
asc. node	-11591 Jul 24 j 10:28	7°♈31'55	
	-11591 Aug 11 j 10:28	0°♉	
	-11591 Sep 04 j 09:34	0°♊	
	-11591 Sep 28 j 10:55	0°♋	
	-11591 Oct 22 j 16:41	0°♌	
morning set	-11591 Oct 30 j 10:04	9°♌30'50	
desc. node	-11591 Nov 14 j 16:20	28°♌15'37	
	-11591 Nov 16 j 02:22	0°♍	
superior conj	-11591 Dec 09 j 12:49	28°♍43'13	-0°51'31
minimum elong	-11591 Dec 09 j 03:58	28°♍16'06	0°51'09
max. Earth dist.	-11591 Dec 09 j 07:02	28°♍25'28	1.73677 AU
	-11591 Dec 10 j 13:54	0°♎	
	-11590 Jan 04 j 01:11	0°♏	
evening rise	-11590 Jan 15 j 07:38	13°♏49'50	
greatest brilliancy	-11590 Jan 27 j 19:13	29°♏09'25	-3.9m
	-11590 Jan 28 j 11:41	0°♐	
	-11590 Feb 21 j 22:32	0°♑	
asc. node	-11590 Mar 05 j 21:05	14°♑36'57	
	-11590 Mar 18 j 11:36	0°♒	
	-11590 Apr 12 j 04:42	0°♓	
	-11590 May 07 j 03:54	0°♈	
	-11590 Jun 01 j 14:00	0°♉	
desc. node	-11590 Jun 27 j 10:12	29°♉21'40	
	-11590 Jun 28 j 00:08	0°♊	
evening max el	-11590 Jul 14 j 09:07	17°♊23'41	47°53'00
	-11590 Jul 27 j 08:56	0°♋	
greatest brilliancy	-11590 Aug 24 j 23:15	19°♋43'19	-4.9m
retrograde	-11590 Sep 03 j 17:22	21°♋34'51	
evening set	-11590 Sep 19 j 15:37	16°♋24'38	
min. Earth dist.	-11590 Sep 24 j 01:55	13°♋39'19	0.27491 AU
inferior conj	-11590 Sep 24 j 13:59	13°♋20'02	-5°04'11
minimum elong	-11590 Sep 24 j 22:55	13°♋05'47	5°01'18
morning rise	-11590 Sep 30 j 06:48	9°♋50'25	
direct	-11590 Oct 15 j 01:17	5°♋22'28	
asc. node	-11590 Oct 16 j 20:55	5°♋26'31	
greatest brilliancy	-11590 Oct 24 j 09:15	7°♋02'32	-4.8m
	-11590 Nov 26 j 11:10	0°♌	
morning max el	-11590 Dec 03 j 08:17	6°♌29'50	46°05'21
	-11590 Dec 26 j 06:45	0°♍	
	-11589 Jan 22 j 12:42	0°♎	
desc. node	-11589 Feb 07 j 06:59	17°♎58'48	
	-11589 Feb 17 j 15:34	0°♏	
	-11589 Mar 14 j 23:39	0°♐	
	-11589 Apr 08 j 16:52	0°♑	
	-11589 May 02 j 22:45	0°♒	
	-11589 May 26 j 20:57	0°♓	
morning set	-11589 May 28 j 00:35	1°♓27'03	
asc. node	-11589 May 29 j 09:12	3°♓09'48	
	-11589 Jun 19 j 14:56	0°♈	
superior conj	-11589 Jul 06 j 00:50	20°♈46'16	1°12'25
minimum elong	-11589 Jul 05 j 15:38	20°♈17'08	1°12'23
max. Earth dist.	-11589 Jul 08 j 06:38	23°♈36'27	1.70704 AU
	-11589 Jul 13 j 07:56	0°♉	
	-11589 Aug 06 j 02:44	0°♊	
evening rise	-11589 Aug 16 j 22:18	13°♊34'51	
	-11589 Aug 30 j 01:28	0°♋	
desc. node	-11589 Sep 19 j 16:44	25°♋38'36	
	-11589 Sep 23 j 05:16	0°♌	
	-11589 Oct 17 j 14:27	0°♍	
	-11589 Nov 11 j 05:51	0°♎	
	-11589 Dec 06 j 06:49	0°♏	
	-11588 Jan 01 j 01:43	0°♐	
asc. node	-11588 Jan 09 j 01:35	9°♐01'05	
	-11588 Jan 28 j 09:22	0°♑	
evening max el	-11588 Feb 15 j 17:12	18°♑20'32	45°10'16
	-11588 Feb 28 j 20:55	0°♒	
greatest brilliancy	-11588 Mar 25 j 05:11	15°♒35'52	-4.7m
retrograde	-11588 Apr 04 j 03:21	17°♒19'21	
evening set	-11588 Apr 18 j 21:34	13°♒16'27	
inferior conj	-11588 Apr 25 j 02:46	9°♒45'07	1°33'48
minimum elong	-11588 Apr 25 j 06:15	9°♒39'57	1°32'14
min. Earth dist.	-11588 Apr 25 j 23:48	9°♒13'56	0.27226 AU
morning rise	-11588 May 01 j 14:00	6°♒04'21	
desc. node	-11588 May 01 j 16:15	6°♒01'27	
direct	-11588 May 16 j 07:30	1°♒58'11	
greatest brilliancy	-11588 May 27 j 22:34	4°♒26'06	-4.9m
	-11588 Jul 01 j 01:52	0°♓	
morning max el	-11588 Jul 05 j 19:58	4°♓44'25	46°41'15
	-11588 Jul 29 j 04:06	0°♈	
asc. node	-11588 Aug 20 j 23:37	26°♈37'14	
	-11588 Aug 23 j 19:32	0°♉	
	-11588 Sep 17 j 14:57	0°♊	
	-11588 Oct 12 j 04:58	0°♋	
	-11588 Nov 05 j 19:57	0°♌	
	-11588 Nov 30 j 13:08	0°♍	
desc. node	-11588 Dec 12 j 05:59	14°♍11'19	
	-11588 Dec 25 j 06:37	0°♎	
morning set	-11587 Jan 10 j 03:22	19°♎18'29	
	-11587 Jan 18 j 21:35	0°♏	
max. Earth dist.	-11587 Feb 11 j 02:13	28°♏27'03	1.73531 AU
	-11587 Feb 12 j 08:25	0°♐	
superior conj	-11587 Feb 15 j 01:42	3°♐21'00	-1°18'07
minimum elong	-11587 Feb 15 j 05:19	3°♐32'08	1°18'39
	-11587 Mar 08 j 15:23	0°♑	
evening rise	-11587 Mar 22 j 01:25	16°♑37'44	
	-11587 Apr 01 j 19:58	0°♒	
asc. node	-11587 Apr 02 j 09:14	0°♒41'11	
	-11587 Apr 25 j 23:47	0°♓	
	-11587 May 20 j 04:15	0°♈	
	-11587 Jun 13 j 11:03	0°♉	
	-11587 Jul 07 j 23:05	0°♊	
desc. node	-11587 Jul 24 j 20:26	20°♊24'06	
	-11587 Aug 01 j 21:23	0°♋	
	-11587 Aug 27 j 16:04	0°♌	
evening max el	-11587 Sep 23 j 03:14	28°♌36'44	46°33'40
	-11587 Sep 24 j 12:17	0°♍	
greatest brilliancy	-11587 Nov 01 j 03:13	29°♍03'19	-4.8m
	-11587 Nov 03 j 18:05	0°♎	
retrograde	-11587 Nov 12 j 07:43	1°♎24'43	
asc. node	-11587 Nov 13 j 07:35	1°♎23'31	
	-11587 Nov 20 j 13:32	30°℞♍	
evening set	-11587 Nov 27 j 14:48	26°♍41'44	
min. Earth dist.	-11587 Dec 03 j 02:42	23°♍16'27	0.29096 AU
inferior conj	-11587 Dec 03 j 13:42	22°♍58'37	4°24'23
minimum elong	-11587 Dec 03 j 05:58	23°♍11'10	4°22'39
morning rise	-11587 Dec 08 j 21:38	19°♍37'58	
direct	-11587 Dec 25 j 02:32	14°♍31'55	
greatest brilliancy	-11586 Jan 03 j 02:48	16°♍00'51	-4.7m

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11586 Jan 26 j 18:38	0°♎		
morning max el	-11586 Feb 11 j 19:49	14°♎03'30	46°01'01	
	-11586 Feb 27 j 20:52	0°♏		
desc. node	-11586 Mar 06 j 19:42	7°♏18'28		
	-11586 Mar 27 j 10:25	0°♐		
	-11586 Apr 22 j 06:01	0°♑		
	-11586 May 17 j 01:45	0°♒		
	-11586 Jun 10 j 06:48	0°♓		
asc. node	-11586 Jun 25 j 22:56	19°♓40'19		
	-11586 Jul 04 j 03:29	0°♈		
	-11586 Jul 27 j 20:49	0°♉		
morning set	-11586 Aug 11 j 06:18	18°♉11'47		
	-11586 Aug 20 j 14:56	0°♊		
	-11586 Sep 13 j 12:47	0°♋		
superior conj	-11586 Sep 22 j 17:49	11°♋29'15	0°51'25	
minimum elong	-11586 Sep 23 j 05:17	12°♋04'56	0°51'38	
max. Earth dist.	-11586 Sep 29 j 19:47	20°♋17'39	1.72035 AU	
	-11586 Oct 07 j 15:32	0°♌		
desc. node	-11586 Oct 17 j 05:15	11°♌50'38		
	-11586 Oct 31 j 22:38	0°♍		
evening rise	-11586 Nov 04 j 02:22	3°♍53'05		
	-11586 Nov 25 j 08:48	0°♎		
	-11586 Dec 19 j 21:39	0°♏		
	-11585 Jan 13 j 14:53	0°♐		
asc. node	-11585 Feb 05 j 12:08	27°♐25'19		
	-11585 Feb 07 j 16:14	0°♑		
	-11585 Mar 05 j 07:03	0°♒		
	-11585 Mar 31 j 20:05	0°♓		
	-11585 Apr 29 j 08:34	0°♈		
evening max el	-11585 Apr 30 j 06:01	0°♈52'41	46°52'49	
desc. node	-11585 May 30 j 02:28	25°♈48'25		
	-11585 Jun 06 j 22:57	0°♉		
greatest brilliancy	-11585 Jun 10 j 04:09	1°♉14'59	-4.9m	
retrograde	-11585 Jun 19 j 14:50	2°♉55'07		
	-11585 Jul 01 j 18:24	30°℞♈		
evening set	-11585 Jul 06 j 08:17	27°♈36'24		
min. Earth dist.	-11585 Jul 09 j 16:23	25°♈37'57	0.26464 AU	
inferior conj	-11585 Jul 10 j 09:00	25°♈12'52	-8°07'32	
minimum elong	-11585 Jul 10 j 01:33	25°♈24'07	8°06'24	
morning rise	-11585 Jul 13 j 18:53	23°♈10'55		
direct	-11585 Jul 30 j 13:13	17°♈44'20		
greatest brilliancy	-11585 Aug 09 j 16:00	19°♈40'52	-4.9m	
	-11585 Aug 27 j 01:14	0°♉		
asc. node	-11585 Sep 18 j 11:55	20°♉25'37		
morning max el	-11585 Sep 18 j 22:27	20°♉52'20	46°30'02	
	-11585 Sep 27 j 16:45	0°♊		
	-11585 Oct 24 j 17:23	0°♋		
	-11585 Nov 19 j 15:22	0°♌		
	-11585 Dec 15 j 04:18	0°♍		
	-11584 Jan 09 j 11:33	0°♎		
desc. node	-11584 Jan 09 j 19:43	0°♎24'21		
	-11584 Feb 03 j 12:02	0°♏		
	-11584 Feb 28 j 04:29	0°♐		
morning set	-11584 Mar 17 j 21:32	23°♐00'30		
	-11584 Mar 23 j 13:08	0°♑		
	-11584 Apr 16 j 15:36	0°♒		
max. Earth dist.	-11584 Apr 18 j 02:19	1°♒48'30	1.72014 AU	
superior conj	-11584 Apr 22 j 04:43	6°♒56'17	-0°17'48	
minimum elong	-11584 Apr 22 j 08:14	7°♒07'19	0°18'10	
asc. node	-11584 Apr 29 j 22:00	16°♒36'37		
	-11584 May 10 j 14:06	0°♓		
evening rise	-11584 May 29 j 00:01	23°♓08'53		
	-11584 Jun 03 j 10:48	0°♈		
	-11584 Jun 27 j 07:52	0°♉		
	-11584 Jul 21 j 07:32	0°♊		
	-11584 Aug 14 j 12:00	0°♋		
desc. node	-11584 Aug 21 j 07:17	8°♋22'50		
	-11584 Sep 07 j 23:36	0°♌		
	-11584 Oct 02 j 21:54	0°♍		
	-11584 Oct 28 j 15:35	0°♎		
	-11584 Nov 25 j 05:59	0°♏		
evening max el	-11584 Dec 02 j 13:39	7°♏17'42	45°02'08	
asc. node	-11584 Dec 10 j 17:48	14°♏56'32		
	-11584 Dec 30 j 06:29	0°♐		
greatest brilliancy	-11583 Jan 08 j 22:01	4°♐47'57	-4.7m	
retrograde	-11583 Jan 19 j 19:21	6°♐55'39		
evening set	-11583 Feb 06 j 09:35	1°♐07'50		
	-11583 Feb 08 j 06:31	30°℞♏		
inferior conj	-11583 Feb 10 j 05:25	28°♏47'17	8°03'16	
minimum elong	-11583 Feb 10 j 07:29	28°♏44'05	8°02'40	
min. Earth dist.	-11583 Feb 11 j 03:05	28°♏13'32	0.29368 AU	
morning rise	-11583 Feb 14 j 05:08	26°♏20'04		
direct	-11583 Mar 04 j 05:54	20°♏18'02		
greatest brilliancy	-11583 Mar 15 j 01:26	22°♏22'55	-4.7m	
	-11583 Mar 29 j 04:06	0°♐		
desc. node	-11583 Apr 03 j 07:26	3°♐44'55		
morning max el	-11583 Apr 22 j 21:37	21°♐03'12	46°21'32	
	-11583 May 01 j 18:57	0°♑		
	-11583 May 29 j 01:49	0°♒		
	-11583 Jun 23 j 10:26	0°♓		
	-11583 Jul 17 j 21:29	0°♈		
asc. node	-11583 Jul 23 j 12:41	6°♈59'47		
	-11583 Aug 10 j 22:40	0°♉		
	-11583 Sep 03 j 21:27	0°♊		
	-11583 Sep 27 j 22:33	0°♋		
	-11583 Oct 22 j 04:07	0°♌		
morning set	-11583 Oct 27 j 21:55	7°♌04'29		
desc. node	-11583 Nov 13 j 18:20	27°♌47'12		
	-11583 Nov 15 j 13:38	0°♍		
superior conj	-11583 Dec 07 j 04:27	26°♍29'53	-0°49'00	
minimum elong	-11583 Dec 06 j 19:42	26°♍03'04	0°48'35	
max. Earth dist.	-11583 Dec 07 j 04:08	26°♍28'54	1.73649 AU	
	-11583 Dec 10 j 01:02	0°♎		
	-11582 Jan 03 j 12:16	0°♏		
evening rise	-11582 Jan 13 j 02:48	11°♏47'22		
greatest brilliancy	-11582 Jan 26 j 13:48	28°♏18'40	-3.9m	
	-11582 Jan 27 j 22:49	0°♐		
	-11582 Feb 21 j 09:53	0°♑		
asc. node	-11582 Mar 04 j 23:29	14°♑08'58		
	-11582 Mar 17 j 23:24	0°♒		
	-11582 Apr 11 j 17:13	0°♓		
	-11582 May 06 j 17:30	0°♈		
	-11582 Jun 01 j 05:19	0°♉		
desc. node	-11582 Jun 26 j 12:29	28°♉36'51		
	-11582 Jun 27 j 18:56	0°♊		
evening max el	-11582 Jul 12 j 01:40	15°♊05'34	47°53'32	
	-11582 Jul 27 j 15:26	0°♋		
greatest brilliancy	-11582 Aug 22 j 14:41	17°♋20'23	-4.9m	
retrograde	-11582 Sep 01 j 08:53	19°♋11'32		
evening set	-11582 Sep 17 j 09:08	13°♋57'46		
min. Earth dist.	-11582 Sep 21 j 16:14	11°♋17'15	0.27443 AU	
inferior conj	-11582 Sep 22 j 04:41	10°♋57'24	-5°21'52	
minimum elong	-11582 Sep 22 j 13:54	10°♋42'43	5°19'00	
morning rise	-11582 Sep 27 j 19:17	7°♋31'26		
direct	-11582 Oct 12 j 15:58	3°♋01'12		
asc. node	-11582 Oct 15 j 23:07	3°♋14'25		
greatest brilliancy	-11582 Oct 21 j 23:12	4°♋41'09	-4.8m	
	-11582 Nov 26 j 12:57	0°♌		
morning max el	-11582 Dec 01 j 00:08	4°♌15'57	46°05'54	
	-11582 Dec 25 j 23:45	0°♍		
	-11581 Jan 22 j 02:45	0°♎		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

desc. node	-11581 Feb 06 j 09:11	17°♎27'22	
	-11581 Feb 17 j 04:12	0°♏	
	-11581 Mar 14 j 11:30	0°♐	
	-11581 Apr 08 j 04:16	0°♑	
	-11581 May 02 j 09:57	0°♒	
morning set	-11581 May 25 j 16:17	29°♒10'10	
	-11581 May 26 j 08:06	0°♓	
asc. node	-11581 May 28 j 11:19	2°♓41'20	
	-11581 Jun 19 j 02:09	0°♈	
superior conj	-11581 Jul 03 j 12:32	18°♈15'48	1°10'30
minimum elong	-11581 Jul 03 j 02:59	17°♈45'34	1°10'25
max. Earth dist.	-11581 Jul 05 j 07:55	20°♈33'01	1.70710 AU
	-11581 Jul 12 j 19:14	0°♉	
	-11581 Aug 05 j 14:07	0°♊	
evening rise	-11581 Aug 14 j 05:24	10°♊50'47	
	-11581 Aug 29 j 12:55	0°♋	
desc. node	-11581 Sep 18 j 18:57	25°♋09'45	
	-11581 Sep 22 j 16:49	0°♌	
	-11581 Oct 17 j 02:10	0°♍	
	-11581 Nov 10 j 17:55	0°♎	
	-11581 Dec 05 j 19:36	0°♏	
	-11581 Dec 31 j 16:04	0°♐	
asc. node	-11580 Jan 08 j 03:53	8°♐25'20	
	-11580 Jan 28 j 03:33	0°♑	
evening max el	-11580 Feb 13 j 07:17	16°♑04'35	45°08'03
	-11580 Feb 29 j 06:45	0°♒	
greatest brilliancy	-11580 Mar 22 j 18:34	13°♒17'44	-4.7m
retrograde	-11580 Apr 01 j 15:34	15°♒00'24	
evening set	-11580 Apr 16 j 12:24	10°♒55'19	
inferior conj	-11580 Apr 22 j 16:06	7°♒25'47	1°55'08
minimum elong	-11580 Apr 22 j 20:20	7°♒19'29	1°53'22
min. Earth dist.	-11580 Apr 23 j 14:41	6°♒52'12	0.27294 AU
morning rise	-11580 Apr 29 j 03:13	3°♒44'27	
desc. node	-11580 Apr 30 j 18:18	2°♒55'30	
	-11580 May 09 j 12:15	30°℞♑	
direct	-11580 May 13 j 21:28	29°♑37'23	
	-11580 May 18 j 08:17	0°♒	
greatest brilliancy	-11580 May 25 j 13:36	2°♒05'34	-4.9m
	-11580 Jul 01 j 02:07	0°♓	
morning max el	-11580 Jul 03 j 08:28	2°♓16'37	46°40'54
	-11580 Jul 28 j 21:00	0°♈	
asc. node	-11580 Aug 20 j 01:57	26°♈00'44	
	-11580 Aug 23 j 09:54	0°♉	
	-11580 Sep 17 j 04:04	0°♊	
	-11580 Oct 11 j 17:21	0°♋	
	-11580 Nov 05 j 07:49	0°♌	
	-11580 Nov 30 j 00:36	0°♍	
desc. node	-11580 Dec 11 j 08:08	13°♍43'36	
	-11580 Dec 24 j 17:47	0°♎	
morning set	-11579 Jan 07 j 20:37	17°♎11'10	
	-11579 Jan 18 j 08:32	0°♏	
max. Earth dist.	-11579 Feb 08 j 21:04	26°♏23'58	1.73562 AU
	-11579 Feb 11 j 19:17	0°♐	
superior conj	-11579 Feb 12 j 21:26	1°♐20'30	-1°18'46
minimum elong	-11579 Feb 13 j 00:34	1°♐30'07	1°19'19
	-11579 Mar 08 j 02:18	0°♑	
evening rise	-11579 Mar 19 j 21:06	14°♑35'51	
asc. node	-11579 Apr 01 j 11:25	0°♒13'34	
	-11579 Apr 01 j 07:02	0°♒	
	-11579 Apr 25 j 11:07	0°♓	
	-11579 May 19 j 15:56	0°♈	
	-11579 Jun 12 j 23:13	0°♉	
	-11579 Jul 07 j 11:56	0°♊	
desc. node	-11579 Jul 23 j 22:43	19°♊50'25	
	-11579 Aug 01 j 11:20	0°♋	
	-11579 Aug 27 j 08:13	0°♌	
evening max el	-11579 Sep 20 j 17:53	26°♌17'59	46°37'21
	-11579 Sep 24 j 10:39	0°♍	
greatest brilliancy	-11579 Oct 29 j 21:57	26°♍54'37	-4.8m
retrograde	-11579 Nov 10 j 00:45	29°♍15'06	
asc. node	-11579 Nov 12 j 09:49	29°♍08'06	
evening set	-11579 Nov 25 j 06:43	24°♍33'57	
inferior conj	-11579 Dec 01 j 06:57	20°♍49'06	4°08'38
minimum elong	-11579 Nov 30 j 23:30	21°♍01'11	4°06'57
min. Earth dist.	-11579 Nov 30 j 19:50	21°♍07'08	0.29047 AU
morning rise	-11579 Dec 06 j 16:44	17°♍25'30	
direct	-11579 Dec 22 j 18:22	12°♍23'01	
greatest brilliancy	-11579 Dec 31 j 19:27	13°♍52'25	-4.7m
	-11578 Jan 27 j 02:17	0°♎	
morning max el	-11578 Feb 09 j 11:08	11°♎52'57	46°00'45
	-11578 Feb 27 j 14:34	0°♏	
desc. node	-11578 Mar 05 j 21:54	6°♏40'08	
	-11578 Mar 27 j 00:36	0°♐	
	-11578 Apr 21 j 18:43	0°♑	
	-11578 May 16 j 13:42	0°♒	
	-11578 Jun 09 j 18:22	0°♓	
asc. node	-11578 Jun 25 j 01:12	19°♓11'34	
	-11578 Jul 03 j 14:50	0°♈	
	-11578 Jul 27 j 08:03	0°♉	
morning set	-11578 Aug 08 j 15:56	15°♉35'15	
	-11578 Aug 20 j 02:07	0°♊	
	-11578 Sep 12 j 23:56	0°♋	
superior conj	-11578 Sep 20 j 02:35	8°♋52'24	0°54'26
minimum elong	-11578 Sep 20 j 14:19	9°♋28'57	0°54'41
max. Earth dist.	-11578 Sep 27 j 05:45	17°♋44'55	1.71966 AU
	-11578 Oct 07 j 02:40	0°♌	
desc. node	-11578 Oct 16 j 07:18	11°♌22'34	
	-11578 Oct 31 j 09:45	0°♍	
evening rise	-11578 Nov 01 j 14:35	1°♍28'44	
	-11578 Nov 24 j 19:56	0°♎	
	-11578 Dec 19 j 08:58	0°♏	
	-11577 Jan 13 j 02:37	0°♐	
asc. node	-11577 Feb 04 j 14:31	26°♐55'24	
	-11577 Feb 07 j 04:47	0°♑	
	-11577 Mar 04 j 21:04	0°♒	
	-11577 Mar 31 j 12:58	0°♓	
evening max el	-11577 Apr 27 j 18:22	28°♓26'14	46°49'05
	-11577 Apr 29 j 08:55	0°♈	
desc. node	-11577 May 29 j 04:48	24°♈16'29	
greatest brilliancy	-11577 Jun 07 j 15:16	28°♈43'29	-4.9m
	-11577 Jun 12 j 12:49	0°♉	
retrograde	-11577 Jun 17 j 02:46	0°♉24'29	
	-11577 Jun 21 j 14:44	30°℞♈	
evening set	-11577 Jul 03 j 15:54	25°♈11'59	
min. Earth dist.	-11577 Jul 07 j 04:31	23°♈07'37	0.26448 AU
inferior conj	-11577 Jul 07 j 20:50	22°♈43'04	-7°57'29
minimum elong	-11577 Jul 07 j 12:43	22°♈55'17	7°56'12
morning rise	-11577 Jul 11 j 09:36	20°♈37'29	
direct	-11577 Jul 28 j 01:16	15°♈14'43	
greatest brilliancy	-11577 Aug 07 j 05:27	17°♈12'49	-4.9m
	-11577 Aug 27 j 16:29	0°♉	
morning max el	-11577 Sep 16 j 11:48	18°♉26'11	46°30'55
asc. node	-11577 Sep 17 j 14:05	19°♉33'11	
	-11577 Sep 27 j 12:30	0°♊	
	-11577 Oct 24 j 08:45	0°♋	
	-11577 Nov 19 j 04:50	0°♌	
	-11577 Dec 14 j 16:41	0°♍	
desc. node	-11576 Jan 08 j 21:56	29°♍56'04	
	-11576 Jan 08 j 23:15	0°♎	
	-11576 Feb 02 j 23:17	0°♏	
	-11576 Feb 27 j 15:28	0°♐	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

morning set	-11576 Mar 15 j 16:48	20°♐58'08	
	-11576 Mar 23 j 00:00	0°♑	
max. Earth dist.	-11576 Apr 15 j 20:15	29°♑40'29	1.72075 AU
	-11576 Apr 16 j 02:30	0°♒	
superior conj	-11576 Apr 19 j 22:39	4°♒48'03	-0°20'49
minimum elong	-11576 Apr 20 j 02:41	5°♒00'43	0°21'11
asc. node	-11576 Apr 29 j 00:07	16°♒08'57	
	-11576 May 10 j 01:06	0°♓	
evening rise	-11576 May 26 j 15:19	20°♓51'04	
	-11576 Jun 02 j 21:58	0°♈	
	-11576 Jun 26 j 19:14	0°♉	
	-11576 Jul 20 j 19:07	0°♊	
	-11576 Aug 13 j 23:51	0°♋	
desc. node	-11576 Aug 20 j 09:33	7°♋53'02	
	-11576 Sep 07 j 11:51	0°♌	
	-11576 Oct 02 j 10:57	0°♍	
	-11576 Oct 28 j 06:21	0°♎	
	-11576 Nov 25 j 01:36	0°♏	
evening max el	-11576 Nov 30 j 06:12	5°♏08'39	45°03'53
asc. node	-11576 Dec 09 j 20:07	14°♏03'16	
	-11576 Dec 31 j 16:07	0°♐	
greatest brilliancy	-11575 Jan 06 j 13:19	2°♐40'08	-4.7m
retrograde	-11575 Jan 17 j 12:22	4°♐49'04	
	-11575 Feb 02 j 09:14	30°℞♏	
evening set	-11575 Feb 04 j 02:16	29°♏00'35	
inferior conj	-11575 Feb 07 j 22:05	26°♏39'35	8°04'54
minimum elong	-11575 Feb 07 j 23:28	26°♏37'25	8°04'22
min. Earth dist.	-11575 Feb 08 j 18:04	26°♏08'21	0.29408 AU
morning rise	-11575 Feb 11 j 20:29	24°♏14'04	
direct	-11575 Mar 01 j 23:16	18°♏09'48	
greatest brilliancy	-11575 Mar 12 j 15:40	20°♏12'09	-4.7m
	-11575 Mar 29 j 21:13	0°♐	
desc. node	-11575 Apr 02 j 09:30	2°♐40'36	
morning max el	-11575 Apr 20 j 14:09	18°♐52'30	46°20'33
	-11575 May 01 j 14:06	0°♑	
	-11575 May 28 j 16:45	0°♒	
	-11575 Jun 22 j 23:40	0°♓	
	-11575 Jul 17 j 09:52	0°♈	
asc. node	-11575 Jul 22 j 14:53	6°♈28'27	
	-11575 Aug 10 j 10:36	0°♉	
	-11575 Sep 03 j 09:03	0°♊	
	-11575 Sep 27 j 09:54	0°♋	
	-11575 Oct 21 j 15:15	0°♌	
morning set	-11575 Oct 25 j 09:59	4°♌39'40	
desc. node	-11575 Nov 12 j 20:34	27°♌20'22	
	-11575 Nov 15 j 00:36	0°♍	
superior conj	-11575 Dec 04 j 19:58	24°♍17'00	-0°46'23
minimum elong	-11575 Dec 04 j 11:22	23°♍50'40	0°45'56
max. Earth dist.	-11575 Dec 05 j 03:09	24°♍39'00	1.73623 AU
	-11575 Dec 09 j 11:54	0°♎	
	-11574 Jan 02 j 23:08	0°♏	
evening rise	-11574 Jan 10 j 21:46	9°♏44'53	
greatest brilliancy	-11574 Jan 25 j 13:30	27°♏44'05	-3.9m
	-11574 Jan 27 j 09:48	0°♐	
	-11574 Feb 20 j 21:07	0°♑	
asc. node	-11574 Mar 04 j 01:37	13°♑40'31	
	-11574 Mar 17 j 11:07	0°♒	
	-11574 Apr 11 j 05:39	0°♓	
	-11574 May 06 j 07:02	0°♈	
	-11574 May 31 j 20:40	0°♉	
desc. node	-11574 Jun 25 j 14:46	27°♉52'00	
	-11574 Jun 27 j 14:00	0°♊	
evening max el	-11574 Jul 09 j 17:57	12°♊47'08	47°53'51
	-11574 Jul 28 j 00:03	0°♋	
greatest brilliancy	-11574 Aug 20 j 06:21	14°♋58'02	-4.9m
retrograde	-11574 Aug 29 j 23:59	16°♋48'10	
evening set	-11574 Sep 15 j 02:39	11°♋31'05	
inferior conj	-11574 Sep 19 j 19:17	8°♋34'59	-5°39'13
minimum elong	-11574 Sep 20 j 04:42	8°♋19'58	5°36'22
min. Earth dist.	-11574 Sep 19 j 06:35	8°♋55'15	0.27392 AU
morning rise	-11574 Sep 25 j 07:24	5°♋12'46	
direct	-11574 Oct 10 j 06:26	0°♋40'19	
asc. node	-11574 Oct 15 j 01:18	1°♋07'51	
greatest brilliancy	-11574 Oct 19 j 13:09	2°♋20'00	-4.8m
	-11574 Nov 26 j 13:12	0°♌	
morning max el	-11574 Nov 28 j 14:56	2°♌00'01	46°06'31
	-11574 Dec 25 j 16:11	0°♍	
	-11573 Jan 21 j 16:28	0°♎	
desc. node	-11573 Feb 05 j 11:20	16°♎56'27	
	-11573 Feb 16 j 16:37	0°♏	
	-11573 Mar 13 j 23:13	0°♐	
	-11573 Apr 07 j 15:37	0°♑	
	-11573 May 01 j 21:07	0°♒	
morning set	-11573 May 23 j 07:50	26°♒53'03	
	-11573 May 25 j 19:13	0°♓	
asc. node	-11573 May 27 j 13:37	2°♓13'33	
	-11573 Jun 18 j 13:18	0°♈	
superior conj	-11573 Jul 01 j 00:16	15°♈45'46	1°08'27
minimum elong	-11573 Jun 30 j 14:26	15°♈14'43	1°08'20
max. Earth dist.	-11573 Jul 02 j 07:41	17°♈25'08	1.70718 AU
	-11573 Jul 12 j 06:27	0°♉	
	-11573 Aug 05 j 01:24	0°♊	
evening rise	-11573 Aug 11 j 12:37	8°♊07'21	
	-11573 Aug 29 j 00:18	0°♋	
desc. node	-11573 Sep 17 j 21:01	24°♋40'39	
	-11573 Sep 22 j 04:17	0°♌	
	-11573 Oct 16 j 13:49	0°♍	
	-11573 Nov 10 j 05:53	0°♎	
	-11573 Dec 05 j 08:18	0°♏	
	-11573 Dec 31 j 06:25	0°♐	
asc. node	-11572 Jan 07 j 06:14	7°♐49'46	
	-11572 Jan 27 j 22:06	0°♑	
evening max el	-11572 Feb 10 j 20:24	13°♑46'31	45°05'44
	-11572 Feb 29 j 19:59	0°♒	
greatest brilliancy	-11572 Mar 20 j 07:41	10°♒59'04	-4.7m
retrograde	-11572 Mar 30 j 03:43	12°♒41'21	
evening set	-11572 Apr 14 j 03:13	8°♒33'22	
inferior conj	-11572 Apr 20 j 05:18	5°♒06'00	2°16'13
minimum elong	-11572 Apr 20 j 10:15	4°♒58'38	2°14'15
min. Earth dist.	-11572 Apr 21 j 05:35	4°♒29'51	0.27369 AU
morning rise	-11572 Apr 26 j 16:07	1°♒24'29	
desc. node	-11572 Apr 29 j 20:38	29°♑52'15	
	-11572 Apr 29 j 13:37	30°℞♑	
direct	-11572 May 11 j 11:04	27°♑15'46	
greatest brilliancy	-11572 May 23 j 05:05	29°♑45'07	-4.9m
	-11572 May 23 j 19:29	0°♒	
morning max el	-11572 Jun 30 j 21:13	29°♒49'07	46°40'46
	-11572 Jul 01 j 01:30	0°♓	
	-11572 Jul 28 j 13:41	0°♈	
asc. node	-11572 Aug 19 j 04:06	25°♈23'54	
	-11572 Aug 23 j 00:09	0°♉	
	-11572 Sep 16 j 17:06	0°♊	
	-11572 Oct 11 j 05:39	0°♋	
	-11572 Nov 04 j 19:38	0°♌	
	-11572 Nov 29 j 12:03	0°♍	
desc. node	-11572 Dec 10 j 10:20	13°♍16'00	
	-11572 Dec 24 j 04:56	0°♎	
morning set	-11571 Jan 05 j 14:01	15°♎04'19	
	-11571 Jan 17 j 19:29	0°♏	
max. Earth dist.	-11571 Feb 06 j 17:46	24°♏26'36	1.73596 AU

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

superior conj	-11571 Feb 10 j 17:25	29°♏20'49	-1°19'20
minimum elong	-11571 Feb 10 j 20:02	29°♏28'51	1°19'51
	-11571 Feb 11 j 06:09	0°♐	
	-11571 Mar 07 j 13:14	0°♑	
evening rise	-11571 Mar 17 j 17:00	12°♑34'41	
asc. node	-11571 Mar 31 j 13:36	29°♑45'44	
	-11571 Mar 31 j 18:12	0°♒	
	-11571 Apr 24 j 22:36	0°♓	
	-11571 May 19 j 03:49	0°♈	
	-11571 Jun 12 j 11:36	0°♉	
	-11571 Jul 07 j 01:01	0°♊	
desc. node	-11571 Jul 23 j 00:56	19°♊15'52	
	-11571 Aug 01 j 01:34	0°♋	
	-11571 Aug 27 j 00:45	0°♌	
evening max el	-11571 Sep 18 j 08:37	23°♌59'08	46°41'15
	-11571 Sep 24 j 10:02	0°♍	
greatest brilliancy	-11571 Oct 27 j 16:20	24°♍45'16	-4.8m
retrograde	-11571 Nov 07 j 18:14	27°♍05'34	
asc. node	-11571 Nov 11 j 12:14	26°♍47'59	
evening set	-11571 Nov 22 j 22:52	22°♍25'46	
min. Earth dist.	-11571 Nov 28 j 12:52	18°♍57'56	0.28996 AU
inferior conj	-11571 Nov 29 j 00:17	18°♍39'27	3°52'32
minimum elong	-11571 Nov 28 j 17:11	18°♍50'58	3°50'54
morning rise	-11571 Dec 04 j 11:57	15°♍13'13	
direct	-11571 Dec 20 j 10:23	10°♍13'56	
greatest brilliancy	-11571 Dec 29 j 12:04	11°♍43'56	-4.7m
	-11570 Jan 27 j 07:45	0°♎	
morning max el	-11570 Feb 07 j 03:22	9°♎44'29	46°00'36
	-11570 Feb 27 j 07:55	0°♏	
desc. node	-11570 Mar 04 j 23:58	6°♏01'45	
	-11570 Mar 26 j 14:42	0°♐	
	-11570 Apr 21 j 07:26	0°♑	
	-11570 May 16 j 01:47	0°♒	
	-11570 Jun 09 j 06:07	0°♓	
asc. node	-11570 Jun 24 j 03:22	18°♓41'49	
	-11570 Jul 03 j 02:25	0°♈	
	-11570 Jul 26 j 19:32	0°♉	
morning set	-11570 Aug 06 j 01:18	12°♉56'56	
	-11570 Aug 19 j 13:34	0°♊	
	-11570 Sep 12 j 11:20	0°♋	
superior conj	-11570 Sep 17 j 10:58	6°♋13'26	0°57'23
minimum elong	-11570 Sep 17 j 22:52	6°♋50'33	0°57'37
max. Earth dist.	-11570 Sep 24 j 14:20	15°♋07'06	1.71893 AU
	-11570 Oct 06 j 14:01	0°♌	
desc. node	-11570 Oct 15 j 09:33	10°♌54'34	
evening rise	-11570 Oct 30 j 02:33	29°♌03'03	
	-11570 Oct 30 j 21:03	0°♍	
	-11570 Nov 24 j 07:17	0°♎	
	-11570 Dec 18 j 20:30	0°♏	
	-11569 Jan 12 j 14:34	0°♐	
asc. node	-11569 Feb 03 j 16:43	26°♐24'26	
	-11569 Feb 06 j 17:33	0°♑	
	-11569 Mar 04 j 11:20	0°♒	
	-11569 Mar 31 j 06:18	0°♓	
evening max el	-11569 Apr 25 j 07:27	26°♓01'27	46°45'10
	-11569 Apr 29 j 10:39	0°♈	
desc. node	-11569 May 28 j 07:04	22°♈40'14	
greatest brilliancy	-11569 Jun 05 j 01:34	26°♈10'21	-4.9m
retrograde	-11569 Jun 14 j 14:58	27°♈52'37	
evening set	-11569 Jun 30 j 23:16	22°♈46'21	
min. Earth dist.	-11569 Jul 04 j 16:16	20°♈36'05	0.26440 AU
inferior conj	-11569 Jul 05 j 08:27	20°♈11'49	-7°46'22
minimum elong	-11569 Jul 04 j 23:46	20°♈24'50	7°44'54
morning rise	-11569 Jul 09 j 00:21	18°♈02'13	
direct	-11569 Jul 25 j 13:44	12°♈43'41	
greatest brilliancy	-11569 Aug 04 j 18:22	14°♈42'37	-4.9m
	-11569 Aug 28 j 04:32	0°♉	
morning max el	-11569 Sep 14 j 01:32	15°♉59'36	46°31'45
asc. node	-11569 Sep 16 j 16:16	18°♉40'26	
	-11569 Sep 27 j 08:11	0°♊	
	-11569 Oct 24 j 00:18	0°♋	
	-11569 Nov 18 j 18:30	0°♌	
	-11569 Dec 14 j 05:16	0°♍	
desc. node	-11568 Jan 07 j 23:59	29°♍26'42	
	-11568 Jan 08 j 11:09	0°♎	
	-11568 Feb 02 j 10:46	0°♏	
	-11568 Feb 27 j 02:42	0°♐	
morning set	-11568 Mar 13 j 12:28	18°♐56'25	
	-11568 Mar 22 j 11:07	0°♑	
max. Earth dist.	-11568 Apr 13 j 13:20	27°♑29'17	1.72133 AU
	-11568 Apr 15 j 13:36	0°♒	
superior conj	-11568 Apr 17 j 17:09	2°♒41'04	-0°23'46
minimum elong	-11568 Apr 17 j 21:41	2°♒55'15	0°24'08
asc. node	-11568 Apr 28 j 02:28	15°♒41'22	
	-11568 May 09 j 12:18	0°♓	
evening rise	-11568 May 24 j 07:11	18°♓34'30	
	-11568 Jun 02 j 09:21	0°♈	
	-11568 Jun 26 j 06:53	0°♉	
	-11568 Jul 20 j 07:02	0°♊	
	-11568 Aug 13 j 12:05	0°♋	
desc. node	-11568 Aug 19 j 11:39	7°♋21'33	
	-11568 Sep 07 j 00:33	0°♌	
	-11568 Oct 02 j 00:29	0°♍	
	-11568 Oct 27 j 21:44	0°♎	
	-11568 Nov 24 j 22:14	0°♏	
evening max el	-11568 Nov 27 j 22:41	2°♏58'23	45°05'54
asc. node	-11568 Dec 08 j 22:25	13°♏08'01	
	-11567 Jan 02 j 20:18	0°♐	
greatest brilliancy	-11567 Jan 04 j 05:32	0°♐32'47	-4.7m
retrograde	-11567 Jan 15 j 05:09	2°♐42'08	
	-11567 Jan 26 j 22:41	30°℞♏	
evening set	-11567 Feb 01 j 19:01	26°♏53'30	
inferior conj	-11567 Feb 05 j 14:59	24°♏31'45	8°06'01
minimum elong	-11567 Feb 05 j 15:41	24°♏30'39	8°05'30
min. Earth dist.	-11567 Feb 06 j 09:30	24°♏02'42	0.29441 AU
morning rise	-11567 Feb 09 j 12:12	22°♏07'34	
direct	-11567 Feb 27 j 16:40	16°♏01'32	
greatest brilliancy	-11567 Mar 10 j 06:03	18°♏01'08	-4.7m
	-11567 Mar 30 j 10:20	0°♐	
desc. node	-11567 Apr 01 j 11:49	1°♐37'51	
morning max el	-11567 Apr 18 j 06:07	16°♐39'55	46°19'38
	-11567 May 01 j 08:58	0°♑	
	-11567 May 28 j 07:41	0°♒	
	-11567 Jun 22 j 13:01	0°♓	
	-11567 Jul 16 j 22:26	0°♈	
asc. node	-11567 Jul 21 j 17:02	5°♈56'25	
	-11567 Aug 09 j 22:44	0°♉	
	-11567 Sep 02 j 20:56	0°♊	
	-11567 Sep 26 j 21:35	0°♋	
	-11567 Oct 21 j 02:45	0°♌	
morning set	-11567 Oct 22 j 21:31	2°♌11'55	
desc. node	-11567 Nov 11 j 22:45	26°♌52'10	
	-11567 Nov 14 j 11:57	0°♍	
superior conj	-11567 Dec 02 j 10:52	22°♍01'07	-0°43'38
minimum elong	-11567 Dec 02 j 02:30	21°♍35'28	0°43'11
max. Earth dist.	-11567 Dec 03 j 01:44	22°♍46'40	1.73589 AU
	-11567 Dec 08 j 23:07	0°♎	
	-11566 Jan 02 j 10:19	0°♏	
evening rise	-11566 Jan 08 j 16:22	7°♏40'24	
greatest brilliancy	-11566 Jan 24 j 16:32	27°♏18'51	-3.9m
	-11566 Jan 26 j 21:04	0°♐	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11566 Feb 20 j 08:40	0°♉	
asc. node	-11566 Mar 03 j 03:52	13°♉11'31	
	-11566 Mar 16 j 23:08	0°♒	
	-11566 Apr 10 j 18:26	0°♓	
	-11566 May 05 j 20:56	0°♈	
	-11566 May 31 j 12:24	0°♉	
desc. node	-11566 Jun 24 j 16:58	27°♉05'52	
	-11566 Jun 27 j 09:44	0°♊	
evening max el	-11566 Jul 07 j 09:13	10°♊25'35	47°53'55
	-11566 Jul 28 j 11:49	0°♋	
greatest brilliancy	-11566 Aug 17 j 22:19	12°♋35'25	-4.9m
retrograde	-11566 Aug 27 j 14:32	14°♋23'59	
evening set	-11566 Sep 12 j 20:14	9°♋03'35	
inferior conj	-11566 Sep 17 j 09:54	6°♋11'53	-5°56'01
minimum elong	-11566 Sep 17 j 19:28	5°♋56'37	5°53'11
min. Earth dist.	-11566 Sep 16 j 21:13	6°♋32'09	0.27347 AU
morning rise	-11566 Sep 22 j 19:20	2°♋53'27	
	-11566 Sep 28 j 20:32	30°℞♊	
direct	-11566 Oct 07 j 20:31	28°♊18'34	
asc. node	-11566 Oct 14 j 03:44	29°♊05'33	
greatest brilliancy	-11566 Oct 17 j 03:40	29°♊58'23	-4.8m
	-11566 Oct 17 j 05:32	0°♋	
morning max el	-11566 Nov 26 j 04:59	29°♋40'51	46°07'05
	-11566 Nov 26 j 12:50	0°♌	
	-11566 Dec 25 j 08:44	0°♍	
	-11565 Jan 21 j 06:25	0°♎	
desc. node	-11565 Feb 04 j 13:26	16°♎24'38	
	-11565 Feb 16 j 05:15	0°♏	
	-11565 Mar 13 j 11:07	0°♐	
	-11565 Apr 07 j 03:07	0°♑	
	-11565 May 01 j 08:27	0°♒	
morning set	-11565 May 20 j 23:44	24°♒36'28	
	-11565 May 25 j 06:31	0°♓	
asc. node	-11565 May 26 j 15:44	1°♓44'38	
	-11565 Jun 18 j 00:38	0°♈	
superior conj	-11565 Jun 28 j 12:33	13°♈16'58	1°06'18
minimum elong	-11565 Jun 28 j 02:33	12°♈45'19	1°06'07
max. Earth dist.	-11565 Jun 29 j 08:38	14°♈20'29	1.70730 AU
	-11565 Jul 11 j 17:50	0°♉	
	-11565 Aug 04 j 12:50	0°♊	
evening rise	-11565 Aug 08 j 20:29	5°♊25'30	
	-11565 Aug 28 j 11:48	0°♋	
desc. node	-11565 Sep 16 j 23:19	24°♋11'52	
	-11565 Sep 21 j 15:55	0°♌	
	-11565 Oct 16 j 01:39	0°♍	
	-11565 Nov 09 j 18:07	0°♎	
	-11565 Dec 04 j 21:20	0°♏	
	-11565 Dec 30 j 21:13	0°♐	
asc. node	-11564 Jan 06 j 08:27	7°♐12'52	
	-11564 Jan 27 j 17:26	0°♑	
evening max el	-11564 Feb 08 j 09:21	11°♑27'40	45°03'48
	-11564 Mar 01 j 13:52	0°♒	
greatest brilliancy	-11564 Mar 17 j 20:29	8°♒40'05	-4.7m
retrograde	-11564 Mar 27 j 16:33	10°♒22'44	
evening set	-11564 Apr 11 j 18:18	6°♒11'24	
inferior conj	-11564 Apr 17 j 18:39	2°♒46'24	2°36'52
minimum elong	-11564 Apr 18 j 00:17	2°♒38'02	2°34'44
min. Earth dist.	-11564 Apr 18 j 20:26	2°♒08'03	0.27447 AU
	-11564 Apr 22 j 12:40	30°℞♑	
morning rise	-11564 Apr 24 j 05:03	29°♑05'14	
desc. node	-11564 Apr 28 j 22:54	26°♑53'50	
direct	-11564 May 09 j 00:53	24°♑54'15	
greatest brilliancy	-11564 May 20 j 20:43	27°♑25'04	-4.8m
	-11564 May 26 j 06:04	0°♒	
morning max el	-11564 Jun 28 j 11:10	27°♒24'33	46°40'36
	-11564 Jul 01 j 00:03	0°♓	
	-11564 Jul 28 j 06:10	0°♈	
asc. node	-11564 Aug 18 j 06:14	24°♈47'00	
	-11564 Aug 22 j 14:20	0°♉	
	-11564 Sep 16 j 06:07	0°♊	
	-11564 Oct 10 j 17:58	0°♋	
	-11564 Nov 04 j 07:29	0°♌	
	-11564 Nov 28 j 23:33	0°♍	
desc. node	-11564 Dec 09 j 12:21	12°♍47'39	
	-11564 Dec 23 j 16:10	0°♎	
morning set	-11563 Jan 03 j 07:01	12°♎55'54	
	-11563 Jan 17 j 06:32	0°♏	
max. Earth dist.	-11563 Feb 04 j 15:08	22°♏30'56	1.73627 AU
superior conj	-11563 Feb 08 j 13:03	27°♏19'45	-1°19'47
minimum elong	-11563 Feb 08 j 15:08	27°♏26'08	1°20'18
	-11563 Feb 10 j 17:08	0°♐	
	-11563 Mar 07 j 00:16	0°♑	
evening rise	-11563 Mar 15 j 12:42	10°♑32'43	
asc. node	-11563 Mar 30 j 15:55	29°♑18'08	
	-11563 Mar 31 j 05:25	0°♒	
	-11563 Apr 24 j 10:07	0°♓	
	-11563 May 18 j 15:45	0°♈	
	-11563 Jun 12 j 00:04	0°♉	
	-11563 Jul 06 j 14:13	0°♊	
desc. node	-11563 Jul 22 j 03:08	18°♊41'05	
	-11563 Jul 31 j 15:57	0°♋	
	-11563 Aug 26 j 17:32	0°♌	
evening max el	-11563 Sep 16 j 00:11	21°♌42'37	46°45'12
	-11563 Sep 24 j 10:23	0°♍	
greatest brilliancy	-11563 Oct 25 j 10:11	22°♍35'26	-4.8m
retrograde	-11563 Nov 05 j 12:14	24°♍56'08	
asc. node	-11563 Nov 10 j 14:24	24°♍23'24	
evening set	-11563 Nov 20 j 15:09	20°♍17'26	
min. Earth dist.	-11563 Nov 26 j 05:35	16°♍49'09	0.28946 AU
inferior conj	-11563 Nov 26 j 17:35	16°♍29'46	3°35'58
minimum elong	-11563 Nov 26 j 10:51	16°♍40'38	3°34'26
morning rise	-11563 Dec 02 j 07:06	13°♍01'08	
direct	-11563 Dec 18 j 02:42	8°♍04'52	
greatest brilliancy	-11563 Dec 27 j 04:11	9°♍35'04	-4.7m
	-11562 Jan 27 j 11:23	0°♎	
morning max el	-11562 Feb 04 j 20:30	7°♎38'13	46°00'19
	-11562 Feb 27 j 00:57	0°♏	
desc. node	-11562 Mar 04 j 02:15	5°♏24'14	
	-11562 Mar 26 j 04:42	0°♐	
	-11562 Apr 20 j 20:06	0°♑	
	-11562 May 15 j 13:46	0°♒	
	-11562 Jun 08 j 17:45	0°♓	
asc. node	-11562 Jun 23 j 05:28	18°♓12'11	
	-11562 Jul 02 j 13:52	0°♈	
	-11562 Jul 26 j 06:55	0°♉	
morning set	-11562 Aug 03 j 10:47	10°♉19'21	
	-11562 Aug 19 j 00:54	0°♊	
	-11562 Sep 11 j 22:38	0°♋	
superior conj	-11562 Sep 14 j 19:15	3°♋34'17	1°00'12
minimum elong	-11562 Sep 15 j 07:12	4°♋11'36	1°00'27
max. Earth dist.	-11562 Sep 21 j 22:56	12°♋29'29	1.71821 AU
	-11562 Oct 06 j 01:15	0°♌	
desc. node	-11562 Oct 14 j 11:44	10°♌26'38	
evening rise	-11562 Oct 27 j 14:22	26°♌37'15	
	-11562 Oct 30 j 08:14	0°♍	
	-11562 Nov 23 j 18:29	0°♎	
	-11562 Dec 18 j 07:54	0°♏	
	-11561 Jan 12 j 02:26	0°♐	
asc. node	-11561 Feb 02 j 18:59	25°♐53'54	
	-11561 Feb 06 j 06:17	0°♑	
	-11561 Mar 04 j 01:41	0°♒	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11561 Mar 30 j 23:56	0°♓		
evening max el	-11561 Apr 22 j 21:25	23°♓39'16	46°41'18	
	-11561 Apr 29 j 13:40	0°♈		
desc. node	-11561 May 27 j 09:12	21°♈00'37		
greatest brilliancy	-11561 Jun 02 j 11:49	23°♈37'51	-4.9m	
retrograde	-11561 Jun 12 j 03:14	25°♈21'06		
evening set	-11561 Jun 28 j 06:42	20°♈21'23		
min. Earth dist.	-11561 Jul 02 j 03:58	18°♈05'11	0.26428 AU	
inferior conj	-11561 Jul 02 j 20:02	17°♈41'08	-7°34'16	
minimum elong	-11561 Jul 02 j 10:53	17°♈54'50	7°32'39	
morning rise	-11561 Jul 06 j 15:11	15°♈27'14		
direct	-11561 Jul 23 j 02:22	10°♈13'32		
greatest brilliancy	-11561 Aug 02 j 06:47	12°♈12'27	-4.9m	
	-11561 Aug 28 j 13:12	0°♉		
morning max el	-11561 Sep 11 j 14:59	13°♉32'56	46°32'26	
asc. node	-11561 Sep 15 j 18:39	17°♉49'54		
	-11561 Sep 27 j 03:05	0°♊		
	-11561 Oct 23 j 15:25	0°♋		
	-11561 Nov 18 j 07:50	0°♌		
	-11561 Dec 13 j 17:34	0°♍		
desc. node	-11560 Jan 07 j 02:08	28°♍58'21		
	-11560 Jan 07 j 22:46	0°♎		
	-11560 Feb 01 j 21:58	0°♏		
	-11560 Feb 26 j 13:40	0°♐		
morning set	-11560 Mar 11 j 08:06	16°♐55'20		
	-11560 Mar 21 j 22:01	0°♑		
max. Earth dist.	-11560 Apr 11 j 04:16	25°♑12'02	1.72196 AU	
superior conj	-11560 Apr 15 j 11:38	0°♒34'40	-0°26'41	
minimum elong	-11560 Apr 15 j 16:37	0°♒50'16	0°27'02	
	-11560 Apr 15 j 00:31	0°♒		
asc. node	-11560 Apr 27 j 04:37	15°♒13'40		
	-11560 May 08 j 23:20	0°♓		
evening rise	-11560 May 21 j 22:58	16°♓18'14		
	-11560 Jun 01 j 20:35	0°♈		
	-11560 Jun 25 j 18:19	0°♉		
	-11560 Jul 19 j 18:43	0°♊		
	-11560 Aug 13 j 00:05	0°♋		
desc. node	-11560 Aug 18 j 13:58	6°♋51'30		
	-11560 Sep 06 j 13:02	0°♌		
	-11560 Oct 01 j 13:51	0°♍		
	-11560 Oct 27 j 13:03	0°♎		
	-11560 Nov 24 j 19:14	0°♏		
evening max el	-11560 Nov 25 j 14:44	0°♏47'42	45°07'59	
asc. node	-11560 Dec 08 j 00:42	12°♏12'29		
greatest brilliancy	-11559 Jan 01 j 22:16	28°♏27'02	-4.7m	
	-11559 Jan 07 j 04:32	0°♐		
retrograde	-11559 Jan 12 j 21:38	0°♐36'30		
	-11559 Jan 18 j 11:06	30°℞♏		
evening set	-11559 Jan 30 j 11:37	24°♏48'08		
inferior conj	-11559 Feb 03 j 08:02	22°♏25'19	8°06'23	
minimum elong	-11559 Feb 03 j 08:03	22°♏25'16	8°05'54	
min. Earth dist.	-11559 Feb 04 j 01:24	21°♏58'00	0.29470 AU	
morning rise	-11559 Feb 07 j 04:20	20°♏02'01		
direct	-11559 Feb 25 j 09:42	13°♏54'41		
greatest brilliancy	-11559 Mar 07 j 20:56	15°♏51'56	-4.7m	
	-11559 Mar 30 j 19:39	0°♐		
desc. node	-11559 Mar 31 j 14:02	0°♐37'31		
morning max el	-11559 Apr 15 j 21:19	14°♐26'30	46°18'37	
	-11559 May 01 j 03:03	0°♑		
	-11559 May 27 j 22:14	0°♒		
	-11559 Jun 22 j 02:05	0°♓		
	-11559 Jul 16 j 10:45	0°♈		
asc. node	-11559 Jul 20 j 19:15	5°♈25'20		
	-11559 Aug 09 j 10:37	0°♉		
	-11559 Sep 02 j 08:30	0°♊		
	-11559 Sep 26 j 08:56	0°♋		
morning set	-11559 Oct 20 j 08:52	29°♋44'26		
	-11559 Oct 20 j 13:55	0°♌		
desc. node	-11559 Nov 11 j 00:46	26°♌24'27		
	-11559 Nov 13 j 22:58	0°♍		
superior conj	-11559 Nov 30 j 01:40	19°♍45'46	-0°40'49	
minimum elong	-11559 Nov 29 j 17:36	19°♍21'03	0°40'21	
max. Earth dist.	-11559 Nov 30 j 22:52	20°♍50'46	1.73553 AU	
	-11559 Dec 08 j 10:03	0°♎		
	-11558 Jan 01 j 21:12	0°♏		
evening rise	-11558 Jan 06 j 10:57	5°♏36'42		
greatest brilliancy	-11558 Jan 24 j 01:19	27°♏12'15	-3.9m	
	-11558 Jan 26 j 08:02	0°♐		
	-11558 Feb 19 j 19:54	0°♑		
asc. node	-11558 Mar 02 j 06:16	12°♑43'58		
	-11558 Mar 16 j 10:52	0°♒		
	-11558 Apr 10 j 06:57	0°♓		
	-11558 May 05 j 10:40	0°♈		
	-11558 May 31 j 04:09	0°♉		
desc. node	-11558 Jun 23 j 19:14	26°♉19'43		
	-11558 Jun 27 j 05:52	0°♊		
evening max el	-11558 Jul 04 j 23:32	8°♊01'55	47°53'47	
	-11558 Jul 29 j 03:15	0°♋		
greatest brilliancy	-11558 Aug 15 j 14:38	10°♋13'09	-4.9m	
retrograde	-11558 Aug 25 j 04:37	11°♋59'47		
evening set	-11558 Sep 10 j 13:39	6°♋35'55		
min. Earth dist.	-11558 Sep 14 j 11:56	4°♋08'43	0.27299 AU	
inferior conj	-11558 Sep 15 j 00:21	3°♋48'54	-6°12'12	
minimum elong	-11558 Sep 15 j 10:00	3°♋33'30	6°09'27	
morning rise	-11558 Sep 20 j 06:53	0°♋34'32		
	-11558 Sep 21 j 07:38	30°℞♊		
direct	-11558 Oct 05 j 09:56	25°♊56'47		
asc. node	-11558 Oct 13 j 05:53	27°♊08'14		
greatest brilliancy	-11558 Oct 14 j 18:24	27°♊37'24	-4.8m	
	-11558 Oct 20 j 07:50	0°♋		
morning max el	-11558 Nov 23 j 18:34	27°♋21'09	46°07'46	
	-11558 Nov 26 j 11:10	0°♌		
	-11558 Dec 25 j 00:40	0°♍		
	-11557 Jan 20 j 19:55	0°♎		
desc. node	-11557 Feb 03 j 15:39	15°♎54'12		
	-11557 Feb 15 j 17:30	0°♏		
	-11557 Mar 12 j 22:41	0°♐		
	-11557 Apr 06 j 14:19	0°♑		
	-11557 Apr 30 j 19:28	0°♒		
morning set	-11557 May 18 j 16:01	22°♒22'06		
	-11557 May 24 j 17:31	0°♓		
asc. node	-11557 May 25 j 17:54	1°♓16'48		
	-11557 Jun 17 j 11:42	0°♈		
superior conj	-11557 Jun 26 j 00:57	10°♈49'15	1°04'01	
minimum elong	-11557 Jun 25 j 14:50	10°♈17'15	1°03'47	
max. Earth dist.	-11557 Jun 26 j 13:06	11°♈27'38	1.70752 AU	
	-11557 Jul 11 j 04:59	0°♉		
	-11557 Aug 04 j 00:05	0°♊		
evening rise	-11557 Aug 06 j 04:13	2°♊43'45		
	-11557 Aug 27 j 23:09	0°♋		
desc. node	-11557 Sep 16 j 01:30	23°♋43'17		
	-11557 Sep 21 j 03:22	0°♌		
	-11557 Oct 15 j 13:17	0°♍		
	-11557 Nov 09 j 06:08	0°♎		
	-11557 Dec 04 j 10:12	0°♏		
	-11557 Dec 30 j 11:56	0°♐		
asc. node	-11556 Jan 05 j 10:47	6°♐36'43		
	-11556 Jan 27 j 13:01	0°♑		
evening max el	-11556 Feb 05 j 23:09	9°♑11'50	45°02'01	
	-11556 Mar 02 j 13:17	0°♒		
greatest brilliancy	-11556 Mar 15 j 08:49	6°♒22'01	-4.7m	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

retrograde	-11556 Mar 25 j 06:03	8°♒05'42	
evening set	-11556 Apr 09 j 09:41	3°♒50'50	
inferior conj	-11556 Apr 15 j 08:10	0°♒28'16	2°57'03
minimum elong	-11556 Apr 15 j 14:26	0°♒18'57	2°54'45
	-11556 Apr 16 j 03:11	30°℞♑	
min. Earth dist.	-11556 Apr 16 j 11:04	29°♑48'17	0.27525 AU
morning rise	-11556 Apr 21 j 17:58	26°♑47'53	
desc. node	-11556 Apr 28 j 00:58	24°♑02'04	
direct	-11556 May 06 j 15:23	22°♑34'18	
greatest brilliancy	-11556 May 18 j 11:58	25°♑06'08	-4.8m
	-11556 May 27 j 19:01	0°♒	
morning max el	-11556 Jun 26 j 02:04	25°♒03'39	46°40'18
	-11556 Jun 30 j 21:25	0°♓	
	-11556 Jul 27 j 22:07	0°♈	
asc. node	-11556 Aug 17 j 08:36	24°♈11'38	
	-11556 Aug 22 j 04:13	0°♉	
	-11556 Sep 15 j 18:56	0°♊	
	-11556 Oct 10 j 06:09	0°♋	
	-11556 Nov 03 j 19:11	0°♌	
	-11556 Nov 28 j 10:53	0°♍	
desc. node	-11556 Dec 08 j 14:33	12°♍20'20	
	-11556 Dec 23 j 03:12	0°♎	
morning set	-11556 Dec 31 j 23:47	10°♎47'16	
	-11555 Jan 16 j 17:24	0°♏	
max. Earth dist.	-11555 Feb 02 j 14:11	20°♏40'56	1.73657 AU
superior conj	-11555 Feb 06 j 08:40	25°♏19'07	-1°20'08
minimum elong	-11555 Feb 06 j 10:11	25°♏23'49	1°20'39
	-11555 Feb 10 j 03:57	0°♐	
	-11555 Mar 06 j 11:11	0°♑	
evening rise	-11555 Mar 13 j 08:37	8°♑31'54	
asc. node	-11555 Mar 29 j 18:05	28°♑50'31	
	-11555 Mar 30 j 16:31	0°♒	
	-11555 Apr 23 j 21:30	0°♓	
	-11555 May 18 j 03:31	0°♈	
	-11555 Jun 11 j 12:21	0°♉	
	-11555 Jul 06 j 03:17	0°♊	
desc. node	-11555 Jul 21 j 05:26	18°♊07'00	
	-11555 Jul 31 j 06:17	0°♋	
	-11555 Aug 26 j 10:32	0°♌	
evening max el	-11555 Sep 13 j 16:49	19°♌28'50	46°48'58
	-11555 Sep 24 j 11:59	0°♍	
greatest brilliancy	-11555 Oct 23 j 04:01	20°♍25'09	-4.8m
retrograde	-11555 Nov 03 j 06:22	22°♍46'00	
asc. node	-11555 Nov 09 j 16:42	21°♍53'28	
evening set	-11555 Nov 18 j 07:29	18°♍08'28	
inferior conj	-11555 Nov 24 j 10:45	14°♍19'28	3°18'57
minimum elong	-11555 Nov 24 j 04:27	14°♍29'40	3°17'31
min. Earth dist.	-11555 Nov 23 j 22:04	14°♍40'00	0.28893 AU
morning rise	-11555 Nov 30 j 02:04	10°♍48'35	
direct	-11555 Dec 15 j 19:17	5°♍55'25	
greatest brilliancy	-11555 Dec 24 j 19:45	7°♍25'17	-4.7m
	-11554 Jan 27 j 13:26	0°♎	
morning max el	-11554 Feb 02 j 13:50	5°♎32'39	46°00'02
	-11554 Feb 26 j 17:34	0°♏	
desc. node	-11554 Mar 03 j 04:26	4°♏47'08	
	-11554 Mar 25 j 18:29	0°♐	
	-11554 Apr 20 j 08:39	0°♑	
	-11554 May 15 j 01:41	0°♒	
	-11554 Jun 08 j 05:19	0°♓	
greatest brilliancy	-11554 Jun 08 j 17:22	0°♓37'45	-3.9m
asc. node	-11554 Jun 22 j 07:45	17°♓43'22	
	-11554 Jul 02 j 01:14	0°♈	
	-11554 Jul 25 j 18:12	0°♉	
morning set	-11554 Jul 31 j 20:53	7°♉43'56	
	-11554 Aug 18 j 12:09	0°♊	
	-11554 Sep 11 j 09:52	0°♋	
superior conj	-11554 Sep 12 j 03:44	0°♋55'47	1°02'51
minimum elong	-11554 Sep 12 j 15:36	1°♋32'53	1°03'09
max. Earth dist.	-11554 Sep 19 j 10:00	9°♋59'32	1.71756 AU
	-11554 Oct 05 j 12:27	0°♌	
desc. node	-11554 Oct 13 j 13:48	9°♌58'19	
evening rise	-11554 Oct 25 j 01:53	24°♌10'22	
	-11554 Oct 29 j 19:26	0°♍	
	-11554 Nov 23 j 05:45	0°♎	
	-11554 Dec 17 j 19:22	0°♏	
	-11553 Jan 11 j 14:22	0°♐	
asc. node	-11553 Feb 01 j 21:22	25°♐23'32	
	-11553 Feb 05 j 19:07	0°♑	
	-11553 Mar 03 j 16:13	0°♒	
	-11553 Mar 30 j 18:00	0°♓	
evening max el	-11553 Apr 20 j 11:34	21°♓17'30	46°37'17
	-11553 Apr 29 j 18:23	0°♈	
desc. node	-11553 May 26 j 11:34	19°♈17'26	
greatest brilliancy	-11553 May 30 j 22:44	21°♈06'14	-4.9m
retrograde	-11553 Jun 09 j 15:09	22°♈49'36	
evening set	-11553 Jun 25 j 14:15	17°♈56'45	
min. Earth dist.	-11553 Jun 29 j 16:08	15°♈34'01	0.26414 AU
inferior conj	-11553 Jun 30 j 07:40	15°♈10'46	-7°21'12
minimum elong	-11553 Jun 29 j 22:06	15°♈25'05	7°19'27
morning rise	-11553 Jul 04 j 06:06	12°♈52'17	
direct	-11553 Jul 20 j 14:52	7°♈43'43	
greatest brilliancy	-11553 Jul 30 j 19:30	9°♈42'41	-4.9m
	-11553 Aug 28 j 19:25	0°♉	
morning max el	-11553 Sep 09 j 03:34	11°♉04'05	46°33'12
asc. node	-11553 Sep 14 j 20:48	16°♉59'43	
	-11553 Sep 26 j 21:29	0°♊	
	-11553 Oct 23 j 06:21	0°♋	
	-11553 Nov 17 j 21:08	0°♌	
	-11553 Dec 13 j 05:55	0°♍	
desc. node	-11552 Jan 06 j 04:20	28°♍29'47	
	-11552 Jan 07 j 10:31	0°♎	
	-11552 Feb 01 j 09:19	0°♏	
	-11552 Feb 26 j 00:47	0°♐	
morning set	-11552 Mar 09 j 03:38	14°♐53'38	
	-11552 Mar 21 j 09:01	0°♑	
max. Earth dist.	-11552 Apr 08 j 19:41	22°♑56'05	1.72260 AU
superior conj	-11552 Apr 13 j 06:13	28°♑28'25	-0°29'32
minimum elong	-11552 Apr 13 j 11:38	28°♑45'19	0°29'52
	-11552 Apr 14 j 11:33	0°♒	
asc. node	-11552 Apr 26 j 06:46	14°♒45'37	
	-11552 May 08 j 10:31	0°♓	
evening rise	-11552 May 19 j 15:02	14°♓02'31	
	-11552 Jun 01 j 07:58	0°♈	
	-11552 Jun 25 j 05:56	0°♉	
	-11552 Jul 19 j 06:34	0°♊	
	-11552 Aug 12 j 12:14	0°♋	
desc. node	-11552 Aug 17 j 16:12	6°♋20'48	
	-11552 Sep 06 j 01:40	0°♌	
	-11552 Oct 01 j 03:25	0°♍	
	-11552 Oct 27 j 04:41	0°♎	
evening max el	-11552 Nov 23 j 06:03	28°♎34'38	45°10'03
	-11552 Nov 24 j 17:12	0°♏	
asc. node	-11552 Dec 07 j 03:03	11°♏15'25	
greatest brilliancy	-11552 Dec 30 j 15:05	26°♏20'39	-4.7m
retrograde	-11551 Jan 10 j 14:09	28°♏30'31	
evening set	-11551 Jan 28 j 04:03	22°♏42'36	
inferior conj	-11551 Feb 01 j 01:11	20°♏18'30	8°06'00
minimum elong	-11551 Feb 01 j 00:32	20°♏19'31	8°05'32
min. Earth dist.	-11551 Feb 01 j 17:41	19°♏52'29	0.29499 AU
morning rise	-11551 Feb 04 j 20:51	17°♏55'47	
direct	-11551 Feb 23 j 02:21	11°♏47'16	
greatest brilliancy	-11551 Mar 05 j 12:38	13°♏43'06	-4.7m

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

desc. node	-11551 Mar 30 j 16:07	29°♏37'40	
	-11551 Mar 31 j 02:45	0°♐	
morning max el	-11551 Apr 13 j 12:22	12°♐12'11	46°17'42
	-11551 Apr 30 j 20:58	0°♑	
	-11551 May 27 j 12:49	0°♒	
	-11551 Jun 21 j 15:16	0°♓	
	-11551 Jul 15 j 23:14	0°♈	
asc. node	-11551 Jul 19 j 21:27	4°♈53'34	
	-11551 Aug 08 j 22:41	0°♉	
	-11551 Sep 01 j 20:18	0°♊	
	-11551 Sep 25 j 20:29	0°♋	
morning set	-11551 Oct 17 j 20:22	27°♋16'36	
	-11551 Oct 20 j 01:17	0°♌	
desc. node	-11551 Nov 10 j 03:01	25°♌56'51	
	-11551 Nov 13 j 10:11	0°♍	
superior conj	-11551 Nov 27 j 16:35	17°♍30'15	-0°37'57
minimum elong	-11551 Nov 27 j 08:53	17°♍06'37	0°37'27
max. Earth dist.	-11551 Nov 28 j 19:03	18°♍51'21	1.73514 AU
	-11551 Dec 07 j 21:10	0°♎	
	-11550 Jan 01 j 08:18	0°♏	
evening rise	-11550 Jan 04 j 05:36	3°♏32'33	
greatest brilliancy	-11550 Jan 23 j 15:41	27°♏21'54	-3.9m
	-11550 Jan 25 j 19:15	0°♐	
	-11550 Feb 19 j 07:25	0°♑	
asc. node	-11550 Mar 01 j 08:24	12°♑14'48	
	-11550 Mar 15 j 22:55	0°♒	
	-11550 Apr 09 j 19:49	0°♓	
	-11550 May 05 j 00:46	0°♈	
	-11550 May 30 j 20:23	0°♉	
desc. node	-11550 Jun 22 j 21:32	25°♉32'14	
	-11550 Jun 27 j 02:55	0°♊	
evening max el	-11550 Jul 02 j 13:13	5°♊35'53	47°53'29
	-11550 Jul 30 j 00:23	0°♋	
greatest brilliancy	-11550 Aug 13 j 06:48	7°♋49'27	-4.9m
retrograde	-11550 Aug 22 j 18:37	9°♋34'30	
evening set	-11550 Sep 08 j 06:58	4°♋06'47	
min. Earth dist.	-11550 Sep 12 j 02:35	1°♋43'57	0.27255 AU
inferior conj	-11550 Sep 12 j 14:42	1°♋24'39	-6°27'49
minimum elong	-11550 Sep 13 j 00:22	1°♋09'15	6°25'09
	-11550 Sep 14 j 20:15	30°℞♊	
morning rise	-11550 Sep 17 j 18:12	28°♊14'47	
direct	-11550 Oct 02 j 23:00	23°♊33'27	
asc. node	-11550 Oct 12 j 08:08	25°♊14'25	
greatest brilliancy	-11550 Oct 12 j 09:15	25°♊15'23	-4.8m
	-11550 Oct 22 j 04:12	0°♋	
morning max el	-11550 Nov 21 j 08:49	25°♋02'02	46°08'41
	-11550 Nov 26 j 08:59	0°♌	
	-11550 Dec 24 j 16:37	0°♍	
	-11549 Jan 20 j 09:33	0°♎	
desc. node	-11549 Feb 02 j 17:46	15°♎22'53	
	-11549 Feb 15 j 05:58	0°♏	
	-11549 Mar 12 j 10:30	0°♐	
	-11549 Apr 06 j 01:47	0°♑	
	-11549 Apr 30 j 06:48	0°♒	
morning set	-11549 May 16 j 08:26	20°♒07'19	
	-11549 May 24 j 04:50	0°♓	
asc. node	-11549 May 24 j 20:12	0°♓48'25	
	-11549 Jun 16 j 23:03	0°♈	
superior conj	-11549 Jun 23 j 13:28	8°♈21'02	1°01'37
minimum elong	-11549 Jun 23 j 03:20	7°♈48'59	1°01'21
max. Earth dist.	-11549 Jun 23 j 20:37	8°♈43'39	1.70774 AU
	-11549 Jul 10 j 16:24	0°♉	
	-11549 Aug 03 j 11:36	0°♊	
evening rise	-11549 Aug 03 j 12:12	0°♊01'52	
	-11549 Aug 27 j 10:47	0°♋	
desc. node	-11549 Sep 15 j 03:36	23°♋13'24	
	-11549 Sep 20 j 15:09	0°♌	
	-11549 Oct 15 j 01:16	0°♍	
	-11549 Nov 08 j 18:30	0°♎	
	-11549 Dec 03 j 23:24	0°♏	
	-11549 Dec 30 j 03:05	0°♐	
asc. node	-11548 Jan 04 j 13:08	5°♐59'40	
	-11548 Jan 27 j 09:29	0°♑	
evening max el	-11548 Feb 03 j 13:52	6°♑57'39	45°00'19
	-11548 Mar 03 j 22:14	0°♒	
greatest brilliancy	-11548 Mar 12 j 20:48	4°♒03'19	-4.7m
retrograde	-11548 Mar 22 j 19:51	5°♒48'15	
evening set	-11548 Apr 07 j 01:22	1°♒29'54	
	-11548 Apr 09 j 18:35	30°℞♑	
inferior conj	-11548 Apr 12 j 21:48	28°♑09'37	3°16'43
minimum elong	-11548 Apr 13 j 04:38	27°♑59'27	3°14'16
min. Earth dist.	-11548 Apr 14 j 01:25	27°♑28'34	0.27606 AU
morning rise	-11548 Apr 19 j 06:48	24°♑30'18	
desc. node	-11548 Apr 27 j 03:20	21°♑14'38	
direct	-11548 May 04 j 06:34	20°♑14'03	
greatest brilliancy	-11548 May 16 j 02:45	22°♑46'00	-4.8m
	-11548 May 28 j 21:40	0°♒	
morning max el	-11548 Jun 23 j 17:34	22°♒43'30	46°39'55
	-11548 Jun 30 j 18:25	0°♓	
	-11548 Jul 27 j 14:08	0°♈	
asc. node	-11548 Aug 16 j 10:43	23°♈34'57	
	-11548 Aug 21 j 18:14	0°♉	
	-11548 Sep 15 j 07:56	0°♊	
	-11548 Oct 09 j 18:32	0°♋	
	-11548 Nov 03 j 07:08	0°♌	
	-11548 Nov 27 j 22:29	0°♍	
desc. node	-11548 Dec 07 j 16:43	11°♍52'00	
	-11548 Dec 22 j 14:31	0°♎	
morning set	-11548 Dec 29 j 16:34	8°♎37'52	
	-11547 Jan 16 j 04:31	0°♏	
max. Earth dist.	-11547 Jan 31 j 14:15	18°♏53'24	1.73680 AU
superior conj	-11547 Feb 04 j 04:20	23°♏17'59	-1°20'23
minimum elong	-11547 Feb 04 j 05:19	23°♏21'00	1°20'53
	-11547 Feb 09 j 15:00	0°♐	
	-11547 Mar 05 j 22:17	0°♑	
evening rise	-11547 Mar 11 j 04:41	6°♑30'59	
asc. node	-11547 Mar 28 j 20:19	28°♑22'21	
	-11547 Mar 30 j 03:50	0°♒	
	-11547 Apr 23 j 09:09	0°♓	
	-11547 May 17 j 15:36	0°♈	
	-11547 Jun 11 j 01:01	0°♉	
	-11547 Jul 05 j 16:45	0°♊	
desc. node	-11547 Jul 20 j 07:39	17°♊31'29	
	-11547 Jul 30 j 21:05	0°♋	
	-11547 Aug 26 j 04:11	0°♌	
evening max el	-11547 Sep 11 j 09:53	17°♌15'09	46°52'42
	-11547 Sep 24 j 15:24	0°♍	
greatest brilliancy	-11547 Oct 20 j 21:55	18°♍13'49	-4.8m
retrograde	-11547 Nov 01 j 00:10	20°♍34'14	
asc. node	-11547 Nov 08 j 19:05	19°♍17'09	
evening set	-11547 Nov 15 j 23:49	15°♍58'01	
min. Earth dist.	-11547 Nov 21 j 14:25	12°♍29'17	0.28836 AU
inferior conj	-11547 Nov 22 j 03:44	12°♍07'44	3°01'34
minimum elong	-11547 Nov 21 j 21:54	12°♍17'10	3°00'14
morning rise	-11547 Nov 27 j 20:44	8°♍34'32	
direct	-11547 Dec 13 j 11:58	3°♍44'40	
greatest brilliancy	-11547 Dec 22 j 11:01	5°♍13'52	-4.7m
	-11546 Jan 27 j 14:33	0°♎	
morning max el	-11546 Jan 31 j 06:44	3°♎25'18	45°59'53
	-11546 Feb 26 j 10:07	0°♏	
desc. node	-11546 Mar 02 j 06:30	4°♏09'25	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11546 Mar 25 j 08:19	0°♐		
	-11546 Apr 19 j 21:15	0°♑		
	-11546 May 14 j 13:41	0°♒		
	-11546 Jun 07 j 17:00	0°♓		
greatest brilliancy	-11546 Jun 12 j 04:45	5°♓37'51	-3.9m	
asc. node	-11546 Jun 21 j 09:55	17°♓13'34		
	-11546 Jul 01 j 12:48	0°♈		
	-11546 Jul 25 j 05:42	0°♉		
morning set	-11546 Jul 29 j 06:42	5°♉06'49		
	-11546 Aug 17 j 23:38	0°♊		
superior conj	-11546 Sep 09 j 11:48	28°♊15'17	1°05'24	
minimum elong	-11546 Sep 09 j 23:29	28°♊51'48	1°05'43	
	-11546 Sep 10 j 21:18	0°♋		
max. Earth dist.	-11546 Sep 16 j 22:10	7°♋32'13	1.71686 AU	
	-11546 Oct 04 j 23:50	0°♌		
desc. node	-11546 Oct 12 j 16:05	9°♌30'10		
evening rise	-11546 Oct 22 j 12:51	21°♌41'08		
	-11546 Oct 29 j 06:48	0°♍		
	-11546 Nov 22 j 17:12	0°♎		
	-11546 Dec 17 j 07:02	0°♏		
	-11545 Jan 11 j 02:30	0°♐		
asc. node	-11545 Jan 31 j 23:33	24°♐52'04		
	-11545 Feb 05 j 08:09	0°♑		
	-11545 Mar 03 j 06:59	0°♒		
	-11545 Mar 30 j 12:30	0°♓		
evening max el	-11545 Apr 18 j 01:00	18°♓54'10	46°33'14	
	-11545 Apr 30 j 01:03	0°♈		
desc. node	-11545 May 25 j 13:47	17°♈29'58		
greatest brilliancy	-11545 May 28 j 10:04	18°♈35'17	-4.9m	
retrograde	-11545 Jun 07 j 02:21	20°♈18'06		
evening set	-11545 Jun 22 j 21:52	15°♈31'58		
min. Earth dist.	-11545 Jun 27 j 04:46	13°♈02'17	0.26409 AU	
inferior conj	-11545 Jun 27 j 19:20	12°♈40'28	-7°07'18	
minimum elong	-11545 Jun 27 j 09:26	12°♈55'17	7°05'23	
morning rise	-11545 Jul 01 j 21:06	10°♈17'11		
direct	-11545 Jul 18 j 02:59	5°♈13'41		
greatest brilliancy	-11545 Jul 28 j 09:04	7°♈13'25	-4.9m	
	-11545 Aug 28 j 23:54	0°♉		
morning max el	-11545 Sep 06 j 15:15	8°♉32'07	46°33'49	
asc. node	-11545 Sep 13 j 23:01	16°♉09'58		
	-11545 Sep 26 j 15:40	0°♊		
	-11545 Oct 22 j 21:17	0°♋		
	-11545 Nov 17 j 10:28	0°♌		
	-11545 Dec 12 j 18:18	0°♍		
desc. node	-11544 Jan 05 j 06:24	28°♍00'40		
	-11544 Jan 06 j 22:18	0°♎		
	-11544 Jan 31 j 20:42	0°♏		
	-11544 Feb 25 j 11:56	0°♐		
morning set	-11544 Mar 06 j 23:07	12°♐51'42		
	-11544 Mar 20 j 20:02	0°♑		
max. Earth dist.	-11544 Apr 06 j 12:31	20°♑44'36	1.72320 AU	
superior conj	-11544 Apr 11 j 01:04	26°♑23'03	-0°32'19	
minimum elong	-11544 Apr 11 j 06:52	26°♑41'10	0°32'40	
	-11544 Apr 13 j 22:35	0°♒		
asc. node	-11544 Apr 25 j 09:07	14°♒18'16		
	-11544 May 07 j 21:39	0°♓		
evening rise	-11544 May 17 j 07:33	11°♓48'33		
	-11544 May 31 j 19:17	0°♈		
	-11544 Jun 24 j 17:30	0°♉		
	-11544 Jul 18 j 18:25	0°♊		
	-11544 Aug 12 j 00:26	0°♋		
desc. node	-11544 Aug 16 j 18:19	5°♋49'33		
	-11544 Sep 05 j 14:25	0°♌		
	-11544 Sep 30 j 17:10	0°♍		
	-11544 Oct 26 j 20:39	0°♎		
evening max el	-11544 Nov 20 j 20:38	26°♎19'29	45°12'23	
	-11544 Nov 24 j 16:10	0°♏		
asc. node	-11544 Dec 06 j 05:19	10°♏16'39		
greatest brilliancy	-11544 Dec 28 j 07:16	24°♏13'12	-4.7m	
retrograde	-11543 Jan 08 j 06:47	26°♏24'20		
evening set	-11543 Jan 25 j 20:06	20°♏36'52		
inferior conj	-11543 Jan 29 j 18:13	18°♏11'17	8°05'03	
minimum elong	-11543 Jan 29 j 16:53	18°♏13'23	8°04'34	
min. Earth dist.	-11543 Jan 30 j 09:49	17°♏46'40	0.29525 AU	
morning rise	-11543 Feb 02 j 13:28	15°♏49'00		
direct	-11543 Feb 20 j 18:42	9°♏39'20		
greatest brilliancy	-11543 Mar 03 j 04:40	11°♏34'32	-4.7m	
desc. node	-11543 Mar 29 j 18:27	28°♏39'41		
	-11543 Mar 31 j 07:47	0°♐		
morning max el	-11543 Apr 11 j 03:52	9°♐59'08	46°17'00	
	-11543 Apr 30 j 14:26	0°♑		
	-11543 May 27 j 03:07	0°♒		
	-11543 Jun 21 j 04:12	0°♓		
	-11543 Jul 15 j 11:28	0°♈		
asc. node	-11543 Jul 18 j 23:36	4°♈22'22		
	-11543 Aug 08 j 10:32	0°♉		
	-11543 Sep 01 j 07:53	0°♊		
	-11543 Sep 25 j 07:55	0°♋		
morning set	-11543 Oct 15 j 07:21	24°♋47'17		
	-11543 Oct 19 j 12:33	0°♌		
desc. node	-11543 Nov 09 j 05:11	25°♌29'11		
	-11543 Nov 12 j 21:20	0°♍		
superior conj	-11543 Nov 25 j 06:51	15°♍12'55	-0°34'57	
minimum elong	-11543 Nov 24 j 23:33	14°♍50'32	0°34'26	
max. Earth dist.	-11543 Nov 26 j 12:54	16°♍45'01	1.73475 AU	
	-11543 Dec 07 j 08:12	0°♎		
	-11543 Dec 31 j 19:19	0°♏		
evening rise	-11542 Jan 01 j 23:43	1°♏27'06		
greatest brilliancy	-11542 Jan 23 j 09:19	27°♏41'56	-3.9m	
	-11542 Jan 25 j 06:23	0°♐		
	-11542 Feb 18 j 18:51	0°♑		
asc. node	-11542 Feb 28 j 10:40	11°♑46'20		
	-11542 Mar 15 j 10:54	0°♒		
	-11542 Apr 09 j 08:37	0°♓		
	-11542 May 04 j 14:49	0°♈		
	-11542 May 30 j 12:37	0°♉		
desc. node	-11542 Jun 21 j 23:44	24°♉44'40		
	-11542 Jun 27 j 00:19	0°♊		
evening max el	-11542 Jun 30 j 03:08	3°♊11'28	47°53'14	
	-11542 Jul 31 j 04:22	0°♋		
greatest brilliancy	-11542 Aug 10 j 22:18	5°♋26'02	-4.9m	
retrograde	-11542 Aug 20 j 08:58	7°♋10'23		
evening set	-11542 Sep 06 j 00:15	1°♋38'27		
	-11542 Sep 08 j 16:00	30°℞♊		
min. Earth dist.	-11542 Sep 09 j 16:56	29°♊20'31	0.27216 AU	
inferior conj	-11542 Sep 10 j 05:02	29°♊01'18	-6°42'47	
minimum elong	-11542 Sep 10 j 14:40	28°♊46'01	6°40'12	
morning rise	-11542 Sep 15 j 05:26	25°♊56'20		
direct	-11542 Sep 30 j 12:21	21°♊10'53		
greatest brilliancy	-11542 Oct 09 j 23:56	22°♊54'05	-4.8m	
asc. node	-11542 Oct 11 j 10:33	23°♊26'07		
	-11542 Oct 23 j 10:03	0°♋		
morning max el	-11542 Nov 19 j 00:02	22°♋45'43	46°09'22	
	-11542 Nov 26 j 05:49	0°♌		
	-11542 Dec 24 j 08:10	0°♍		
	-11541 Jan 19 j 22:55	0°♎		
desc. node	-11541 Feb 01 j 19:53	14°♎52'11		
	-11541 Feb 14 j 18:11	0°♏		
	-11541 Mar 11 j 22:05	0°♐		
	-11541 Apr 05 j 13:02	0°♑		
	-11541 Apr 29 j 17:54	0°♒		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

morning set	-11541 May 14 j 00:51	17°♒53'25	
asc. node	-11541 May 23 j 22:19	0°♓20'09	
	-11541 May 23 j 15:55	0°♓	
	-11541 Jun 16 j 10:09	0°♈	
superior conj	-11541 Jun 21 j 02:13	5°♈54'19	0°59'07
minimum elong	-11541 Jun 20 j 16:09	5°♈22'31	0°58'48
max. Earth dist.	-11541 Jun 21 j 04:15	6°♈00'47	1.70793 AU
	-11541 Jul 10 j 03:34	0°♉	
evening rise	-11541 Jul 31 j 20:37	27°♉22'13	
	-11541 Aug 02 j 22:50	0°♊	
	-11541 Aug 26 j 22:06	0°♋	
desc. node	-11541 Sep 14 j 05:55	22°♋45'23	
	-11541 Sep 20 j 02:35	0°♌	
	-11541 Oct 14 j 12:54	0°♍	
	-11541 Nov 08 j 06:34	0°♎	
	-11541 Dec 03 j 12:24	0°♏	
	-11541 Dec 29 j 18:12	0°♐	
asc. node	-11540 Jan 03 j 15:21	5°♐22'33	
	-11540 Jan 27 j 06:24	0°♑	
evening max el	-11540 Feb 01 j 05:05	4°♑45'23	44°58'44
	-11540 Mar 05 j 22:35	0°♒	
greatest brilliancy	-11540 Mar 10 j 09:04	1°♒45'54	-4.7m
retrograde	-11540 Mar 20 j 09:29	3°♒31'29	
	-11540 Apr 03 j 01:57	30°℞♑	
evening set	-11540 Apr 04 j 17:11	29°♑09'53	
inferior conj	-11540 Apr 10 j 11:25	25°♑51'49	3°35'54
minimum elong	-11540 Apr 10 j 18:46	25°♑40'52	3°33'22
min. Earth dist.	-11540 Apr 11 j 15:32	25°♑09'56	0.27686 AU
morning rise	-11540 Apr 16 j 19:23	22°♑13'38	
desc. node	-11540 Apr 26 j 05:34	18°♑33'07	
direct	-11540 May 01 j 21:56	17°♑54'48	
greatest brilliancy	-11540 May 13 j 16:55	20°♑25'54	-4.8m
	-11540 May 29 j 16:59	0°♒	
morning max el	-11540 Jun 21 j 08:32	20°♒22'54	46°39'28
	-11540 Jun 30 j 14:29	0°♓	
	-11540 Jul 27 j 05:38	0°♈	
asc. node	-11540 Aug 15 j 12:53	22°♈59'30	
	-11540 Aug 21 j 07:49	0°♉	
	-11540 Sep 14 j 20:30	0°♊	
	-11540 Oct 09 j 06:29	0°♋	
	-11540 Nov 02 j 18:39	0°♌	
	-11540 Nov 27 j 09:39	0°♍	
desc. node	-11540 Dec 06 j 18:46	11°♍24'33	
	-11540 Dec 22 j 01:26	0°♎	
morning set	-11540 Dec 27 j 09:18	6°♎29'23	
	-11539 Jan 15 j 15:18	0°♏	
max. Earth dist.	-11539 Jan 29 j 13:03	17°♏02'55	1.73704 AU
superior conj	-11539 Feb 01 j 23:48	21°♏17'09	-1°20'32
minimum elong	-11539 Feb 02 j 00:12	21°♏18'24	1°21'00
	-11539 Feb 09 j 01:45	0°♐	
	-11539 Mar 05 j 09:08	0°♑	
evening rise	-11539 Mar 09 j 00:29	4°♑30'09	
asc. node	-11539 Mar 27 j 22:37	27°♑55'23	
	-11539 Mar 29 j 14:53	0°♒	
	-11539 Apr 22 j 20:31	0°♓	
	-11539 May 17 j 03:25	0°♈	
	-11539 Jun 10 j 13:27	0°♉	
	-11539 Jul 05 j 06:01	0°♊	
desc. node	-11539 Jul 19 j 09:52	16°♊56'43	
	-11539 Jul 30 j 11:44	0°♋	
	-11539 Aug 25 j 21:47	0°♌	
evening max el	-11539 Sep 09 j 02:51	15°♌02'13	46°56'28
	-11539 Sep 24 j 19:57	0°♍	
greatest brilliancy	-11539 Oct 18 j 16:30	16°♍04'48	-4.8m
retrograde	-11539 Oct 29 j 17:49	18°♍24'03	
asc. node	-11539 Nov 07 j 21:14	16°♍38'13	
evening set	-11539 Nov 13 j 16:32	13°♍49'12	
inferior conj	-11539 Nov 19 j 20:55	9°♍57'48	2°43'58
minimum elong	-11539 Nov 19 j 15:35	10°♍06'27	2°42'46
min. Earth dist.	-11539 Nov 19 j 07:09	10°♍20'07	0.28776 AU
morning rise	-11539 Nov 25 j 15:28	6°♍22'17	
direct	-11539 Dec 11 j 04:46	1°♍35'55	
greatest brilliancy	-11539 Dec 20 j 02:40	3°♍04'22	-4.7m
	-11538 Jan 27 j 13:57	0°♎	
morning max el	-11538 Jan 28 j 22:55	1°♎17'30	45°59'32
	-11538 Feb 26 j 02:01	0°♏	
desc. node	-11538 Mar 01 j 08:48	3°♏33'42	
	-11538 Mar 24 j 21:45	0°♐	
	-11538 Apr 19 j 09:33	0°♑	
	-11538 May 14 j 01:24	0°♒	
	-11538 Jun 07 j 04:25	0°♓	
greatest brilliancy	-11538 Jun 14 j 04:03	8°♓46'05	-3.9m
asc. node	-11538 Jun 20 j 12:02	16°♓44'32	
	-11538 Jul 01 j 00:03	0°♈	
	-11538 Jul 24 j 16:56	0°♉	
morning set	-11538 Jul 26 j 16:29	2°♉30'30	
	-11538 Aug 17 j 10:50	0°♊	
superior conj	-11538 Sep 06 j 19:58	25°♊35'47	1°07'48
minimum elong	-11538 Sep 07 j 07:20	26°♊11'19	1°08'08
	-11538 Sep 10 j 08:28	0°♋	
max. Earth dist.	-11538 Sep 14 j 09:30	5°♋03'00	1.71614 AU
	-11538 Oct 04 j 10:57	0°♌	
desc. node	-11538 Oct 11 j 18:14	9°♌02'30	
evening rise	-11538 Oct 19 j 23:40	19°♌12'15	
	-11538 Oct 28 j 17:53	0°♍	
	-11538 Nov 22 j 04:19	0°♎	
	-11538 Dec 16 j 18:22	0°♏	
	-11537 Jan 10 j 14:19	0°♐	
asc. node	-11537 Jan 31 j 01:50	24°♐21'48	
	-11537 Feb 04 j 20:57	0°♑	
	-11537 Mar 02 j 21:40	0°♒	
	-11537 Mar 30 j 07:15	0°♓	
evening max el	-11537 Apr 15 j 13:35	16°♓29'23	46°29'06
	-11537 Apr 30 j 09:53	0°♈	
desc. node	-11537 May 24 j 15:57	15°♈38'32	
greatest brilliancy	-11537 May 25 j 21:45	16°♈05'15	-4.9m
retrograde	-11537 Jun 04 j 13:10	17°♈47'21	
evening set	-11537 Jun 20 j 05:31	13°♈07'30	
min. Earth dist.	-11537 Jun 24 j 17:41	10°♈30'45	0.26406 AU
inferior conj	-11537 Jun 25 j 06:58	10°♈10'53	-6°52'25
minimum elong	-11537 Jun 24 j 20:49	10°♈26'03	6°50'22
morning rise	-11537 Jun 29 j 12:08	7°♈42'47	
direct	-11537 Jul 15 j 14:35	2°♈44'03	
greatest brilliancy	-11537 Jul 25 j 23:11	4°♈45'26	-4.9m
	-11537 Aug 29 j 02:29	0°♉	
morning max el	-11537 Sep 04 j 02:32	5°♉59'36	46°34'32
asc. node	-11537 Sep 13 j 01:24	15°♉22'03	
	-11537 Sep 26 j 09:14	0°♊	
	-11537 Oct 22 j 11:49	0°♋	
	-11537 Nov 16 j 23:29	0°♌	
	-11537 Dec 12 j 06:24	0°♍	
desc. node	-11536 Jan 04 j 08:32	27°♍32'32	
	-11536 Jan 06 j 09:48	0°♎	
	-11536 Jan 31 j 07:48	0°♏	
	-11536 Feb 24 j 22:48	0°♐	
morning set	-11536 Mar 04 j 18:47	10°♐51'06	
	-11536 Mar 20 j 06:51	0°♑	
max. Earth dist.	-11536 Apr 04 j 07:26	18°♑40'13	1.72387 AU
superior conj	-11536 Apr 08 j 20:03	24°♑18'42	-0°35'03
minimum elong	-11536 Apr 09 j 02:13	24°♑37'56	0°35'24

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11536 Apr 13 j 09:27	0°♒	
asc. node	-11536 Apr 24 j 11:14	13°♒50'38	
	-11536 May 07 j 08:41	0°♓	
evening rise	-11536 May 15 j 00:10	9°♓35'19	
	-11536 May 31 j 06:32	0°♈	
	-11536 Jun 24 j 04:59	0°♉	
	-11536 Jul 18 j 06:11	0°♊	
	-11536 Aug 11 j 12:34	0°♋	
desc. node	-11536 Aug 15 j 20:39	5°♋19'19	
	-11536 Sep 05 j 03:07	0°♌	
	-11536 Sep 30 j 06:54	0°♍	
	-11536 Oct 26 j 12:43	0°♎	
evening max el	-11536 Nov 18 j 11:43	24°♎06'04	45°14'58
	-11536 Nov 24 j 15:54	0°♏	
asc. node	-11536 Dec 05 j 07:36	9°♏17'11	
greatest brilliancy	-11536 Dec 25 j 23:17	22°♏06'32	-4.7m
retrograde	-11535 Jan 06 j 00:13	24°♏19'36	
evening set	-11535 Jan 23 j 12:15	18°♏32'45	
inferior conj	-11535 Jan 27 j 11:33	16°♏05'24	8°03'27
minimum elong	-11535 Jan 27 j 09:34	16°♏08'32	8°02'56
min. Earth dist.	-11535 Jan 28 j 01:54	15°♏42'46	0.29547 AU
morning rise	-11535 Jan 31 j 06:41	13°♏43'18	
direct	-11535 Feb 18 j 11:32	7°♏32'53	
greatest brilliancy	-11535 Feb 28 j 20:37	9°♏27'23	-4.7m
desc. node	-11535 Mar 28 j 20:37	27°♏43'31	
	-11535 Mar 31 j 10:40	0°♐	
morning max el	-11535 Apr 08 j 20:18	7°♐49'21	46°16'06
	-11535 Apr 30 j 07:21	0°♑	
	-11535 May 26 j 17:13	0°♒	
	-11535 Jun 20 j 17:05	0°♓	
	-11535 Jul 14 j 23:43	0°♈	
asc. node	-11535 Jul 18 j 01:49	3°♈51'12	
	-11535 Aug 07 j 22:24	0°♉	
	-11535 Aug 31 j 19:30	0°♊	
	-11535 Sep 24 j 19:20	0°♋	
morning set	-11535 Oct 12 j 18:04	22°♋16'58	
	-11535 Oct 18 j 23:50	0°♌	
desc. node	-11535 Nov 08 j 07:12	25°♌01'06	
	-11535 Nov 12 j 08:29	0°♍	
superior conj	-11535 Nov 22 j 20:56	12°♍54'56	-0°31'53
minimum elong	-11535 Nov 22 j 14:06	12°♍33'58	0°31'22
max. Earth dist.	-11535 Nov 24 j 06:18	14°♍37'14	1.73435 AU
	-11535 Dec 06 j 19:15	0°♎	
evening rise	-11535 Dec 30 j 17:54	29°♎21'55	
	-11535 Dec 31 j 06:20	0°♏	
greatest brilliancy	-11534 Jan 23 j 10:41	28°♏25'40	-3.9m
	-11534 Jan 24 j 17:29	0°♐	
	-11534 Feb 18 j 06:15	0°♑	
asc. node	-11534 Feb 27 j 13:03	11°♑18'20	
	-11534 Mar 14 j 22:52	0°♒	
	-11534 Apr 08 j 21:27	0°♓	
	-11534 May 04 j 05:01	0°♈	
	-11534 May 30 j 05:15	0°♉	
desc. node	-11534 Jun 21 j 02:00	23°♉55'51	
	-11534 Jun 26 j 22:46	0°♊	
evening max el	-11534 Jun 27 j 17:52	0°♊48'29	47°52'34
	-11534 Aug 01 j 21:22	0°♋	
greatest brilliancy	-11534 Aug 08 j 12:57	3°♋00'04	-4.9m
retrograde	-11534 Aug 17 j 23:24	4°♋44'18	
	-11534 Sep 02 j 05:49	30°℞♊	
evening set	-11534 Sep 03 j 17:13	29°♊08'03	
inferior conj	-11534 Sep 07 j 19:00	26°♊35'56	-6°57'06
minimum elong	-11534 Sep 08 j 04:32	26°♊20'52	6°54'39
min. Earth dist.	-11534 Sep 07 j 06:36	26°♊55'32	0.27176 AU
morning rise	-11534 Sep 12 j 16:10	23°♊36'16	
direct	-11534 Sep 28 j 01:59	18°♊46'28	
greatest brilliancy	-11534 Oct 07 j 13:47	20°♊30'29	-4.8m
asc. node	-11534 Oct 10 j 12:39	21°♊40'19	
	-11534 Oct 24 j 08:12	0°♋	
morning max el	-11534 Nov 16 j 15:32	20°♋29'26	46°10'11
	-11534 Nov 26 j 02:13	0°♌	
	-11534 Dec 23 j 23:38	0°♍	
	-11533 Jan 19 j 12:19	0°♎	
desc. node	-11533 Jan 31 j 22:05	14°♎21'24	
	-11533 Feb 14 j 06:28	0°♏	
	-11533 Mar 11 j 09:43	0°♐	
	-11533 Apr 05 j 00:20	0°♑	
	-11533 Apr 29 j 05:04	0°♒	
morning set	-11533 May 11 j 17:57	15°♒41'33	
asc. node	-11533 May 23 j 00:29	29°♒51'52	
	-11533 May 23 j 03:04	0°♓	
	-11533 Jun 15 j 21:23	0°♈	
superior conj	-11533 Jun 18 j 15:28	3°♈28'56	0°56'32
minimum elong	-11533 Jun 18 j 05:34	2°♈57'37	0°56'11
max. Earth dist.	-11533 Jun 18 j 11:47	3°♈17'17	1.70822 AU
	-11533 Jul 09 j 14:54	0°♉	
evening rise	-11533 Jul 29 j 05:05	24°♉41'53	
	-11533 Aug 02 j 10:18	0°♊	
	-11533 Aug 26 j 09:42	0°♋	
desc. node	-11533 Sep 13 j 08:05	22°♋15'55	
	-11533 Sep 19 j 14:19	0°♌	
	-11533 Oct 14 j 00:51	0°♍	
	-11533 Nov 07 j 18:59	0°♎	
	-11533 Dec 03 j 01:48	0°♏	
	-11533 Dec 29 j 09:49	0°♐	
asc. node	-11532 Jan 02 j 17:41	4°♐44'41	
	-11532 Jan 27 j 04:22	0°♑	
evening max el	-11532 Jan 29 j 20:30	2°♑33'00	44°57'18
greatest brilliancy	-11532 Mar 07 j 22:21	29°♑29'43	-4.7m
	-11532 Mar 09 j 13:08	0°♒	
retrograde	-11532 Mar 17 j 23:03	1°♒15'10	
	-11532 Mar 26 j 01:18	30°℞♑	
evening set	-11532 Apr 02 j 09:26	26°♑50'26	
inferior conj	-11532 Apr 08 j 01:24	23°♑34'44	3°54'33
minimum elong	-11532 Apr 08 j 09:12	23°♑23'04	3°51'56
min. Earth dist.	-11532 Apr 09 j 06:04	22°♑51'52	0.27761 AU
morning rise	-11532 Apr 14 j 08:02	19°♑57'42	
desc. node	-11532 Apr 25 j 07:39	15°♑57'33	
direct	-11532 Apr 29 j 13:15	15°♑36'26	
greatest brilliancy	-11532 May 11 j 07:06	18°♑06'09	-4.8m
	-11532 May 30 j 07:27	0°♒	
morning max el	-11532 Jun 18 j 22:39	18°♒00'05	46°38'54
	-11532 Jun 30 j 10:02	0°♓	
	-11532 Jul 26 j 21:04	0°♈	
asc. node	-11532 Aug 14 j 15:12	22°♈23'59	
	-11532 Aug 20 j 21:34	0°♉	
	-11532 Sep 14 j 09:22	0°♊	
	-11532 Oct 08 j 18:48	0°♋	
	-11532 Nov 02 j 06:33	0°♌	
	-11532 Nov 26 j 21:13	0°♍	
desc. node	-11532 Dec 05 j 20:57	10°♍56'21	
	-11532 Dec 21 j 12:44	0°♎	
morning set	-11532 Dec 25 j 01:33	4°♎18'22	
	-11531 Jan 15 j 02:25	0°♏	
max. Earth dist.	-11531 Jan 27 j 10:27	15°♏07'14	1.73724 AU
superior conj	-11531 Jan 30 j 19:02	19°♏14'42	-1°20'34
minimum elong	-11531 Jan 30 j 18:51	19°♏14'09	1°21'02
	-11531 Feb 08 j 12:50	0°♐	
	-11531 Mar 04 j 20:19	0°♑	
evening rise	-11531 Mar 06 j 20:19	2°♑28'24	
asc. node	-11531 Mar 27 j 00:46	27°♑26'54	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11531 Mar 29 j 02:15	0°♒		
	-11531 Apr 22 j 08:12	0°♓		
	-11531 May 16 j 15:32	0°♈		
	-11531 Jun 10 j 02:09	0°♉		
	-11531 Jul 04 j 19:35	0°♊		
desc. node	-11531 Jul 18 j 12:10	16°♊21'19		
	-11531 Jul 30 j 02:47	0°♋		
	-11531 Aug 25 j 16:09	0°♌		
evening max el	-11531 Sep 06 j 18:46	12°♌45'10	46°59'52	
	-11531 Sep 25 j 03:16	0°♍		
greatest brilliancy	-11531 Oct 16 j 11:23	13°♍53'58	-4.8m	
retrograde	-11531 Oct 27 j 10:46	16°♍11'19		
asc. node	-11531 Nov 06 j 23:32	13°♍51'47		
evening set	-11531 Nov 11 j 09:05	11°♍37'42		
min. Earth dist.	-11531 Nov 17 j 00:02	8°♍07'57	0.28718 AU	
inferior conj	-11531 Nov 17 j 13:51	7°♍45'31	2°25'47	
minimum elong	-11531 Nov 17 j 09:03	7°♍53'18	2°24'44	
morning rise	-11531 Nov 23 j 09:50	4°♍07'36		
	-11531 Dec 03 j 11:23	30°℞♌		
direct	-11531 Dec 08 j 20:51	29°♌24'44		
	-11531 Dec 14 j 10:11	0°♍		
greatest brilliancy	-11531 Dec 17 j 18:42	0°♍52'59	-4.7m	
morning max el	-11530 Jan 26 j 13:57	29°♍05'17	45°59'20	
	-11530 Jan 27 j 13:02	0°♎		
	-11530 Feb 25 j 18:09	0°♏		
desc. node	-11530 Feb 28 j 10:56	2°♏56'34		
	-11530 Mar 24 j 11:28	0°♐		
	-11530 Apr 18 j 22:09	0°♑		
	-11530 May 13 j 13:24	0°♒		
	-11530 Jun 06 j 16:06	0°♓		
greatest brilliancy	-11530 Jun 15 j 10:21	11°♓00'16	-3.9m	
asc. node	-11530 Jun 19 j 14:17	16°♓15'03		
	-11530 Jun 30 j 11:36	0°♈		
morning set	-11530 Jul 24 j 02:53	29°♈55'10		
	-11530 Jul 24 j 04:24	0°♉		
	-11530 Aug 16 j 22:17	0°♊		
superior conj	-11530 Sep 04 j 04:30	22°♊56'33	1°10'01	
minimum elong	-11530 Sep 04 j 15:25	23°♊30'44	1°10'23	
	-11530 Sep 09 j 19:53	0°♋		
max. Earth dist.	-11530 Sep 11 j 19:57	2°♋30'08	1.71546 AU	
	-11530 Oct 03 j 22:21	0°♌		
desc. node	-11530 Oct 10 j 20:18	8°♌33'34		
evening rise	-11530 Oct 17 j 10:07	16°♌41'06		
	-11530 Oct 28 j 05:19	0°♍		
	-11530 Nov 21 j 15:51	0°♎		
	-11530 Dec 16 j 06:08	0°♏		
	-11529 Jan 10 j 02:37	0°♐		
asc. node	-11529 Jan 30 j 04:12	23°♐50'20		
	-11529 Feb 04 j 10:16	0°♑		
	-11529 Mar 02 j 12:58	0°♒		
	-11529 Mar 30 j 02:57	0°♓		
evening max el	-11529 Apr 13 j 01:14	14°♓01'25	46°25'04	
	-11529 Apr 30 j 22:13	0°♈		
greatest brilliancy	-11529 May 23 j 09:18	13°♈34'05	-4.9m	
desc. node	-11529 May 23 j 18:18	13°♈41'36		
retrograde	-11529 Jun 02 j 00:03	15°♈15'57		
evening set	-11529 Jun 17 j 13:11	10°♈41'43		
inferior conj	-11529 Jun 22 j 18:32	7°♈40'27	-6°36'33	
minimum elong	-11529 Jun 22 j 08:13	7°♈55'49	6°34'24	
min. Earth dist.	-11529 Jun 22 j 06:36	7°♈58'15	0.26404 AU	
morning rise	-11529 Jun 27 j 03:11	5°♈07'39		
direct	-11529 Jul 13 j 02:01	0°♈13'18		
greatest brilliancy	-11529 Jul 23 j 13:28	2°♈16'58	-4.9m	
	-11529 Aug 29 j 03:56	0°♉		
morning max el	-11529 Sep 01 j 14:15	3°♉27'30	46°35'25	
asc. node	-11529 Sep 12 j 03:30	14°♉33'32		
	-11529 Sep 26 j 02:36	0°♊		
	-11529 Oct 22 j 02:24	0°♋		
	-11529 Nov 16 j 12:40	0°♌		
	-11529 Dec 11 j 18:46	0°♍		
desc. node	-11528 Jan 03 j 10:44	27°♍03'34		
	-11528 Jan 05 j 21:37	0°♎		
	-11528 Jan 30 j 19:15	0°♏		
	-11528 Feb 24 j 10:01	0°♐		
morning set	-11528 Mar 02 j 14:03	8°♐48'18		
	-11528 Mar 19 j 17:58	0°♑		
max. Earth dist.	-11528 Apr 02 j 03:51	16°♑39'39	1.72449 AU	
superior conj	-11528 Apr 06 j 14:49	22°♑12'49	-0°37'46	
minimum elong	-11528 Apr 06 j 21:19	22°♑33'04	0°38'05	
	-11528 Apr 12 j 20:37	0°♒		
asc. node	-11528 Apr 23 j 13:24	13°♒22'19		
	-11528 May 06 j 20:00	0°♓		
evening rise	-11528 May 12 j 16:51	7°♓21'30		
	-11528 May 30 j 18:04	0°♈		
	-11528 Jun 23 j 16:45	0°♉		
	-11528 Jul 17 j 18:12	0°♊		
	-11528 Aug 11 j 00:56	0°♋		
desc. node	-11528 Aug 14 j 22:51	4°♋47'57		
	-11528 Sep 04 j 16:02	0°♌		
	-11528 Sep 29 j 20:54	0°♍		
	-11528 Oct 26 j 05:13	0°♎		
evening max el	-11528 Nov 16 j 03:20	21°♎53'21	45°17'30	
	-11528 Nov 24 j 17:06	0°♏		
asc. node	-11528 Dec 04 j 09:56	8°♏15'36		
greatest brilliancy	-11528 Dec 23 j 14:53	19°♏58'22	-4.7m	
retrograde	-11527 Jan 03 j 17:56	22°♏13'33		
evening set	-11527 Jan 21 j 04:03	16°♏27'39		
inferior conj	-11527 Jan 25 j 04:43	13°♏58'06	8°01'04	
minimum elong	-11527 Jan 25 j 02:06	14°♏02'13	8°00'33	
min. Earth dist.	-11527 Jan 25 j 17:32	13°♏37'53	0.29569 AU	
morning rise	-11527 Jan 29 j 00:01	11°♏35'50		
direct	-11527 Feb 16 j 04:41	5°♏25'06		
greatest brilliancy	-11527 Feb 26 j 11:59	7°♏18'27	-4.7m	
desc. node	-11527 Mar 27 j 22:44	26°♏47'19		
	-11527 Mar 31 j 12:36	0°♐		
morning max el	-11527 Apr 06 j 13:21	5°♐40'17	46°15'16	
	-11527 Apr 30 j 00:16	0°♑		
	-11527 May 26 j 07:25	0°♒		
	-11527 Jun 20 j 06:04	0°♓		
	-11527 Jul 14 j 12:04	0°♈		
asc. node	-11527 Jul 17 j 04:01	3°♈19'42		
	-11527 Aug 07 j 10:22	0°♉		
	-11527 Aug 31 j 07:13	0°♊		
	-11527 Sep 24 j 06:51	0°♋		
morning set	-11527 Oct 10 j 04:57	19°♋46'44		
	-11527 Oct 18 j 11:11	0°♌		
desc. node	-11527 Nov 07 j 09:28	24°♌33'35		
	-11527 Nov 11 j 19:40	0°♍		
superior conj	-11527 Nov 20 j 11:02	10°♍36'42	-0°28'45	
minimum elong	-11527 Nov 20 j 04:43	10°♍17'20	0°28'14	
max. Earth dist.	-11527 Nov 22 j 01:47	12°♍35'36	1.73395 AU	
	-11527 Dec 06 j 06:21	0°♎		
evening rise	-11527 Dec 28 j 12:10	27°♎16'47		
	-11527 Dec 30 j 17:25	0°♏		
greatest brilliancy	-11526 Jan 23 j 21:26	29°♏37'40	-3.9m	
	-11526 Jan 24 j 04:44	0°♐		
	-11526 Feb 17 j 17:51	0°♑		
asc. node	-11526 Feb 26 j 15:10	10°♑49'02		
	-11526 Mar 14 j 11:02	0°♒		
	-11526 Apr 08 j 10:31	0°♓		
	-11526 May 03 j 19:29	0°♈		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11526 May 29 j 22:15	0°♉	
desc. node	-11526 Jun 20 j 04:18	23°♉06'05	
evening max el	-11526 Jun 25 j 09:20	28°♉27'14	47°51'51
	-11526 Jun 26 j 22:11	0°♊	
	-11526 Aug 04 j 15:27	0°♋	
greatest brilliancy	-11526 Aug 06 j 03:00	0°♋33'23	-4.9m
retrograde	-11526 Aug 15 j 14:03	2°♋17'53	
	-11526 Aug 26 j 00:35	30°℞♊	
evening set	-11526 Sep 01 j 10:10	26°♊37'30	
inferior conj	-11526 Sep 05 j 08:53	24°♊10'14	-7°10'47
minimum elong	-11526 Sep 05 j 18:15	23°♊55'28	7°08'28
min. Earth dist.	-11526 Sep 04 j 19:54	24°♊30'44	0.27134 AU
morning rise	-11526 Sep 10 j 02:41	21°♊16'04	
direct	-11526 Sep 25 j 15:58	16°♊22'01	
greatest brilliancy	-11526 Oct 05 j 03:07	18°♊06'02	-4.9m
asc. node	-11526 Oct 09 j 14:58	19°♊58'38	
	-11526 Oct 25 j 00:39	0°♋	
morning max el	-11526 Nov 14 j 07:06	18°♋13'16	46°11'01
	-11526 Nov 25 j 21:56	0°♌	
	-11526 Dec 23 j 14:48	0°♍	
	-11525 Jan 19 j 01:30	0°♎	
desc. node	-11525 Jan 31 j 00:12	13°♎50'45	
	-11525 Feb 13 j 18:37	0°♏	
	-11525 Mar 10 j 21:19	0°♐	
	-11525 Apr 04 j 11:39	0°♑	
	-11525 Apr 28 j 16:16	0°♒	
morning set	-11525 May 09 j 10:57	13°♒29'19	
asc. node	-11525 May 22 j 02:47	29°♒23'55	
	-11525 May 22 j 14:14	0°♓	
	-11525 Jun 15 j 08:35	0°♈	
max. Earth dist.	-11525 Jun 15 j 16:42	0°♈25'39	1.70847 AU
superior conj	-11525 Jun 16 j 04:46	1°♈03'46	0°53'51
minimum elong	-11525 Jun 15 j 19:04	0°♈33'09	0°53'28
	-11525 Jul 09 j 02:11	0°♉	
evening rise	-11525 Jul 26 j 13:38	22°♉01'59	
	-11525 Aug 01 j 21:42	0°♊	
	-11525 Aug 25 j 21:13	0°♋	
desc. node	-11525 Sep 12 j 10:11	21°♋46'31	
	-11525 Sep 19 j 01:58	0°♌	
	-11525 Oct 13 j 12:43	0°♍	
	-11525 Nov 07 j 07:18	0°♎	
	-11525 Dec 02 j 15:07	0°♏	
	-11525 Dec 29 j 01:27	0°♐	
asc. node	-11524 Jan 01 j 20:03	4°♐07'09	
	-11524 Jan 27 j 02:56	0°♑	
evening max el	-11524 Jan 27 j 11:14	0°♑19'38	44°55'49
greatest brilliancy	-11524 Mar 05 j 12:06	27°♑14'48	-4.7m
retrograde	-11524 Mar 15 j 12:09	28°♑59'43	
evening set	-11524 Mar 31 j 01:47	24°♑31'34	
inferior conj	-11524 Apr 05 j 15:28	21°♑18'28	4°12'34
minimum elong	-11524 Apr 05 j 23:39	21°♑06'09	4°09'54
min. Earth dist.	-11524 Apr 06 j 20:57	20°♑34'12	0.27843 AU
morning rise	-11524 Apr 11 j 20:34	17°♑42'38	
desc. node	-11524 Apr 24 j 10:01	13°♑27'27	
direct	-11524 Apr 27 j 04:09	13°♑18'35	
greatest brilliancy	-11524 May 08 j 21:48	15°♑47'22	-4.8m
	-11524 May 30 j 18:17	0°♒	
morning max el	-11524 Jun 16 j 12:07	15°♒35'47	46°38'24
	-11524 Jun 30 j 05:03	0°♓	
	-11524 Jul 26 j 12:15	0°♈	
asc. node	-11524 Aug 13 j 17:20	21°♈48'29	
	-11524 Aug 20 j 11:05	0°♉	
	-11524 Sep 13 j 22:00	0°♊	
	-11524 Oct 08 j 06:51	0°♋	
	-11524 Nov 01 j 18:11	0°♌	
	-11524 Nov 26 j 08:30	0°♍	
desc. node	-11524 Dec 04 j 23:06	10°♍28'47	
	-11524 Dec 20 j 23:46	0°♎	
morning set	-11524 Dec 22 j 17:56	2°♎08'30	
	-11523 Jan 14 j 13:17	0°♏	
max. Earth dist.	-11523 Jan 25 j 07:06	13°♏10'05	1.73740 AU
superior conj	-11523 Jan 28 j 14:33	17°♏14'00	-1°20'30
minimum elong	-11523 Jan 28 j 13:48	17°♏11'43	1°20'57
	-11523 Feb 07 j 23:39	0°♐	
	-11523 Mar 04 j 07:12	0°♑	
evening rise	-11523 Mar 04 j 16:26	0°♑28'32	
asc. node	-11523 Mar 26 j 03:02	26°♑59'39	
	-11523 Mar 28 j 13:22	0°♒	
	-11523 Apr 21 j 19:40	0°♓	
	-11523 May 16 j 03:31	0°♈	
	-11523 Jun 09 j 14:46	0°♉	
	-11523 Jul 04 j 09:06	0°♊	
desc. node	-11523 Jul 17 j 14:22	15°♊45'48	
	-11523 Jul 29 j 17:49	0°♋	
	-11523 Aug 25 j 10:42	0°♌	
evening max el	-11523 Sep 04 j 09:43	10°♌26'17	47°03'27
	-11523 Sep 25 j 12:48	0°♍	
greatest brilliancy	-11523 Oct 14 j 06:30	11°♍44'11	-4.8m
retrograde	-11523 Oct 25 j 03:34	13°♍59'44	
asc. node	-11523 Nov 06 j 01:56	11°♍02'04	
evening set	-11523 Nov 09 j 01:51	9°♍26'53	
min. Earth dist.	-11523 Nov 14 j 17:13	5°♍56'35	0.28658 AU
inferior conj	-11523 Nov 15 j 06:54	5°♍34'22	2°07'29
minimum elong	-11523 Nov 15 j 02:39	5°♍41'15	2°06'35
morning rise	-11523 Nov 21 j 04:13	1°♍54'16	
	-11523 Nov 24 j 19:57	30°℞♌	
direct	-11523 Dec 06 j 12:37	27°♌14'31	
greatest brilliancy	-11523 Dec 15 j 11:17	28°♌43'12	-4.7m
	-11523 Dec 18 j 22:26	0°♍	
morning max el	-11522 Jan 24 j 05:01	26°♍54'07	45°59'20
	-11522 Jan 27 j 10:46	0°♎	
	-11522 Feb 25 j 09:37	0°♏	
desc. node	-11522 Feb 27 j 13:01	2°♏20'43	
	-11522 Mar 24 j 00:40	0°♐	
	-11522 Apr 18 j 10:18	0°♑	
	-11522 May 13 j 01:01	0°♒	
	-11522 Jun 06 j 03:28	0°♓	
greatest brilliancy	-11522 Jun 16 j 07:18	12°♓46'06	-3.9m
asc. node	-11522 Jun 18 j 16:28	15°♓46'12	
	-11522 Jun 29 j 22:53	0°♈	
morning set	-11522 Jul 21 j 13:04	27°♈19'48	
	-11522 Jul 23 j 15:40	0°♉	
	-11522 Aug 16 j 09:31	0°♊	
superior conj	-11522 Sep 01 j 12:37	20°♊16'32	1°12'06
minimum elong	-11522 Sep 01 j 23:01	20°♊49'07	1°12'29
max. Earth dist.	-11522 Sep 09 j 02:14	29°♊44'50	1.71475 AU
	-11522 Sep 09 j 07:05	0°♋	
	-11522 Oct 03 j 09:31	0°♌	
desc. node	-11522 Oct 09 j 22:36	8°♌06'13	
evening rise	-11522 Oct 14 j 20:04	14°♌09'11	
	-11522 Oct 27 j 16:28	0°♍	
	-11522 Nov 21 j 03:06	0°♎	
	-11522 Dec 15 j 17:37	0°♏	
	-11521 Jan 09 j 14:37	0°♐	
asc. node	-11521 Jan 29 j 06:23	23°♐19'21	
	-11521 Feb 03 j 23:16	0°♑	
	-11521 Mar 02 j 04:00	0°♒	
	-11521 Mar 29 j 22:41	0°♓	
evening max el	-11521 Apr 10 j 13:12	11°♓36'05	46°21'09
	-11521 May 01 j 13:36	0°♈	
greatest brilliancy	-11521 May 20 j 20:20	11°♈04'11	-4.9m

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

desc. node	-11521 May 22 j 20:31	11°♈41'24	
retrograde	-11521 May 30 j 11:32	12°♈46'39	
evening set	-11521 Jun 14 j 21:08	8°♈17'17	
inferior conj	-11521 Jun 20 j 06:13	5°♈11'38	-6°19'56
minimum elong	-11521 Jun 19 j 19:50	5°♈27'04	6°17'40
min. Earth dist.	-11521 Jun 19 j 19:22	5°♈27'46	0.26413 AU
morning rise	-11521 Jun 24 j 18:25	2°♈34'21	
	-11521 Jun 29 j 23:44	30°♓	
direct	-11521 Jul 10 j 14:03	27°♓43'59	
greatest brilliancy	-11521 Jul 21 j 03:43	29°♓49'46	-4.9m
	-11521 Jul 21 j 14:19	0°♈	
	-11521 Aug 29 j 03:55	0°♉	
morning max el	-11521 Aug 30 j 03:09	0°♉59'03	46°36'07
asc. node	-11521 Sep 11 j 05:46	13°♉46'44	
	-11521 Sep 25 j 19:29	0°♊	
	-11521 Oct 21 j 16:38	0°♋	
	-11521 Nov 16 j 01:33	0°♌	
	-11521 Dec 11 j 06:48	0°♍	
desc. node	-11520 Jan 02 j 12:49	26°♍35'17	
	-11520 Jan 05 j 09:05	0°♎	
	-11520 Jan 30 j 06:21	0°♏	
	-11520 Feb 23 j 20:54	0°♐	
morning set	-11520 Feb 29 j 09:37	6°♐47'26	
	-11520 Mar 19 j 04:46	0°♑	
max. Earth dist.	-11520 Mar 31 j 00:36	14°♑41'09	1.72506 AU
superior conj	-11520 Apr 04 j 10:04	20°♑09'30	-0°40'22
minimum elong	-11520 Apr 04 j 16:51	20°♑30'38	0°40'42
	-11520 Apr 12 j 07:27	0°♒	
asc. node	-11520 Apr 22 j 15:46	12°♒55'43	
	-11520 May 06 j 06:58	0°♓	
evening rise	-11520 May 10 j 10:08	5°♓10'47	
	-11520 May 30 j 05:14	0°♈	
	-11520 Jun 23 j 04:10	0°♉	
	-11520 Jul 17 j 05:56	0°♊	
	-11520 Aug 10 j 13:05	0°♋	
desc. node	-11520 Aug 14 j 01:00	4°♋17'07	
	-11520 Sep 04 j 04:50	0°♌	
	-11520 Sep 29 j 10:51	0°♍	
	-11520 Oct 25 j 21:50	0°♎	
evening max el	-11520 Nov 13 j 19:49	19°♎43'14	45°20'18
	-11520 Nov 24 j 19:26	0°♏	
asc. node	-11520 Dec 03 j 12:13	7°♏12'59	
greatest brilliancy	-11520 Dec 21 j 06:52	17°♏51'28	-4.7m
retrograde	-11519 Jan 01 j 11:51	20°♏08'14	
evening set	-11519 Jan 18 j 19:49	14°♏23'51	
inferior conj	-11519 Jan 22 j 21:58	11°♏51'44	7°58'11
minimum elong	-11519 Jan 22 j 18:44	11°♏56'50	7°57'38
min. Earth dist.	-11519 Jan 23 j 09:00	11°♏34'18	0.29583 AU
morning rise	-11519 Jan 26 j 17:35	9°♏28'54	
direct	-11519 Feb 13 j 22:12	3°♏18'30	
greatest brilliancy	-11519 Feb 24 j 02:41	5°♏09'50	-4.7m
desc. node	-11519 Mar 27 j 01:04	25°♏53'42	
	-11519 Mar 31 j 12:52	0°♐	
morning max el	-11519 Apr 04 j 06:39	3°♐32'59	46°14'27
	-11519 Apr 29 j 16:32	0°♑	
	-11519 May 25 j 21:09	0°♒	
	-11519 Jun 19 j 18:40	0°♓	
	-11519 Jul 14 j 00:04	0°♈	
asc. node	-11519 Jul 16 j 06:10	2°♈49'03	
	-11519 Aug 06 j 22:01	0°♉	
	-11519 Aug 30 j 18:39	0°♊	
	-11519 Sep 23 j 18:09	0°♋	
morning set	-11519 Oct 07 j 15:33	17°♋16'01	
	-11519 Oct 17 j 22:22	0°♌	
desc. node	-11519 Nov 06 j 11:37	24°♌06'07	
	-11519 Nov 11 j 06:44	0°♍	
superior conj	-11519 Nov 18 j 00:27	8°♍16'43	-0°25'32
minimum elong	-11519 Nov 17 j 18:44	7°♍59'09	0°24'59
max. Earth dist.	-11519 Nov 19 j 21:41	10°♍35'35	1.73352 AU
	-11519 Dec 05 j 17:18	0°♎	
evening rise	-11519 Dec 26 j 05:57	25°♎10'36	
	-11519 Dec 30 j 04:22	0°♏	
	-11518 Jan 23 j 15:49	0°♐	
greatest brilliancy	-11518 Jan 24 j 21:58	1°♐32'16	-3.9m
	-11518 Feb 17 j 05:17	0°♑	
asc. node	-11518 Feb 25 j 17:29	10°♑20'53	
	-11518 Mar 13 j 23:04	0°♒	
	-11518 Apr 07 j 23:28	0°♓	
	-11518 May 03 j 09:52	0°♈	
	-11518 May 29 j 15:18	0°♉	
desc. node	-11518 Jun 19 j 06:30	22°♉16'04	
evening max el	-11518 Jun 23 j 01:09	26°♉07'46	47°50'55
	-11518 Jun 26 j 22:15	0°♊	
greatest brilliancy	-11518 Aug 03 j 17:02	28°♊07'45	-4.9m
retrograde	-11518 Aug 13 j 04:40	29°♊52'09	
evening set	-11518 Aug 30 j 03:08	24°♊08'05	
inferior conj	-11518 Sep 02 j 22:49	21°♊45'22	-7°23'39
minimum elong	-11518 Sep 03 j 07:55	21°♊31'02	7°21'29
min. Earth dist.	-11518 Sep 02 j 09:11	22°♊06'53	0.27095 AU
morning rise	-11518 Sep 07 j 13:07	18°♊56'39	
direct	-11518 Sep 23 j 06:05	13°♊58'35	
greatest brilliancy	-11518 Oct 02 j 16:24	15°♊42'06	-4.9m
asc. node	-11518 Oct 08 j 17:20	18°♊21'26	
	-11518 Oct 25 j 12:43	0°♋	
morning max el	-11518 Nov 11 j 22:00	15°♋55'34	46°11'36
	-11518 Nov 25 j 17:01	0°♌	
	-11518 Dec 23 j 05:45	0°♍	
	-11517 Jan 18 j 14:36	0°♎	
desc. node	-11517 Jan 30 j 02:19	13°♎20'14	
	-11517 Feb 13 j 06:42	0°♏	
	-11517 Mar 10 j 08:49	0°♐	
	-11517 Apr 03 j 22:51	0°♑	
	-11517 Apr 28 j 03:21	0°♒	
morning set	-11517 May 07 j 04:03	11°♒17'48	
asc. node	-11517 May 21 j 04:54	28°♒55'44	
	-11517 May 22 j 01:19	0°♓	
max. Earth dist.	-11517 Jun 12 j 20:06	27°♓29'35	1.70878 AU
superior conj	-11517 Jun 13 j 18:26	28°♓40'09	0°51'06
minimum elong	-11517 Jun 13 j 09:02	28°♓10'25	0°50'41
	-11517 Jun 14 j 19:43	0°♈	
	-11517 Jul 08 j 13:24	0°♉	
evening rise	-11517 Jul 23 j 22:41	19°♉23'54	
	-11517 Aug 01 j 09:01	0°♊	
	-11517 Aug 25 j 08:39	0°♋	
desc. node	-11517 Sep 11 j 12:32	21°♋18'15	
	-11517 Sep 18 j 13:32	0°♌	
	-11517 Oct 13 j 00:33	0°♍	
	-11517 Nov 06 j 19:39	0°♎	
	-11517 Dec 02 j 04:34	0°♏	
	-11517 Dec 28 j 17:25	0°♐	
asc. node	-11517 Dec 31 j 22:15	3°♐28'32	
evening max el	-11516 Jan 25 j 01:16	28°♐04'19	44°54'34
	-11516 Jan 27 j 02:37	0°♑	
greatest brilliancy	-11516 Mar 03 j 02:11	25°♑00'16	-4.7m
retrograde	-11516 Mar 13 j 01:17	26°♑44'47	
evening set	-11516 Mar 28 j 18:18	22°♑12'50	
inferior conj	-11516 Apr 03 j 05:42	19°♑02'41	4°29'54
minimum elong	-11516 Apr 03 j 14:13	18°♑49'51	4°27'14
min. Earth dist.	-11516 Apr 04 j 12:13	18°♑16'46	0.27922 AU
morning rise	-11516 Apr 09 j 09:06	15°♑28'23	
desc. node	-11516 Apr 23 j 12:12	11°♑02'55	
direct	-11516 Apr 24 j 18:44	11°♑01'03	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

greatest brilliancy	-11516 May 06 j 13:06	13°♉29'42	-4.8m
	-11516 May 31 j 02:15	0°♒	
morning max el	-11516 Jun 14 j 01:30	13°♒11'24	46°37'53
	-11516 Jun 29 j 23:34	0°♓	
	-11516 Jul 26 j 03:14	0°♈	
asc. node	-11516 Aug 12 j 19:31	21°♈13'17	
	-11516 Aug 20 j 00:31	0°♉	
	-11516 Sep 13 j 10:35	0°♊	
	-11516 Oct 07 j 18:53	0°♋	
	-11516 Nov 01 j 05:48	0°♌	
	-11516 Nov 25 j 19:49	0°♍	
desc. node	-11516 Dec 04 j 01:10	10°♍00'51	
morning set	-11516 Dec 20 j 10:07	29°♍57'44	
	-11516 Dec 20 j 10:52	0°♎	
	-11515 Jan 14 j 00:17	0°♏	
max. Earth dist.	-11515 Jan 23 j 02:25	11°♏08'30	1.73760 AU
superior conj	-11515 Jan 26 j 09:50	15°♏12'12	-1°20'20
minimum elong	-11515 Jan 26 j 08:31	15°♏08'08	1°20'45
	-11515 Feb 07 j 10:37	0°♐	
evening rise	-11515 Mar 02 j 12:17	28°♐27'27	
	-11515 Mar 03 j 18:15	0°♑	
asc. node	-11515 Mar 25 j 05:21	26°♑32'04	
	-11515 Mar 28 j 00:37	0°♒	
	-11515 Apr 21 j 07:17	0°♓	
	-11515 May 15 j 15:38	0°♈	
	-11515 Jun 09 j 03:33	0°♉	
	-11515 Jul 03 j 22:50	0°♊	
desc. node	-11515 Jul 16 j 16:36	15°♊09'44	
	-11515 Jul 29 j 09:12	0°♋	
	-11515 Aug 25 j 05:54	0°♌	
evening max el	-11515 Sep 02 j 00:19	8°♌05'56	47°07'02
	-11515 Sep 26 j 01:52	0°♍	
greatest brilliancy	-11515 Oct 12 j 01:19	9°♍33'18	-4.8m
retrograde	-11515 Oct 22 j 20:27	11°♍47'37	
asc. node	-11515 Nov 05 j 04:04	8°♍07'54	
evening set	-11515 Nov 06 j 18:39	7°♍14'58	
inferior conj	-11515 Nov 12 j 23:51	3°♍22'32	1°48'53
minimum elong	-11515 Nov 12 j 20:12	3°♍28'28	1°48'09
min. Earth dist.	-11515 Nov 12 j 10:20	3°♍44'29	0.28600 AU
	-11515 Nov 18 j 09:00	30°℞♌	
morning rise	-11515 Nov 18 j 22:27	29°♌40'33	
direct	-11515 Dec 04 j 04:04	25°♌03'27	
greatest brilliancy	-11515 Dec 13 j 03:54	26°♌32'58	-4.7m
	-11515 Dec 21 j 03:53	0°♍	
morning max el	-11514 Jan 21 j 20:37	24°♍43'38	45°59'16
	-11514 Jan 27 j 07:58	0°♎	
	-11514 Feb 25 j 01:07	0°♏	
desc. node	-11514 Feb 26 j 15:20	1°♏45'01	
	-11514 Mar 23 j 14:04	0°♐	
	-11514 Apr 17 j 22:41	0°♑	
	-11514 May 12 j 12:52	0°♒	
	-11514 Jun 05 j 15:03	0°♓	
greatest brilliancy	-11514 Jun 16 j 19:34	14°♓04'04	-3.9m
asc. node	-11514 Jun 17 j 18:36	15°♓16'40	
	-11514 Jun 29 j 10:21	0°♈	
morning set	-11514 Jul 18 j 23:23	24°♈44'19	
	-11514 Jul 23 j 03:06	0°♉	
	-11514 Aug 15 j 20:56	0°♊	
superior conj	-11514 Aug 29 j 20:44	17°♊35'44	1°14'01
minimum elong	-11514 Aug 30 j 06:31	18°♊06'24	1°14'26
max. Earth dist.	-11514 Sep 06 j 05:32	26°♊49'27	1.71409 AU
	-11514 Sep 08 j 18:29	0°♋	
	-11514 Oct 02 j 20:54	0°♌	
desc. node	-11514 Oct 09 j 00:44	7°♌37'37	
evening rise	-11514 Oct 12 j 05:53	11°♌36'04	
	-11514 Oct 27 j 03:52	0°♍	
	-11514 Nov 20 j 14:34	0°♎	
	-11514 Dec 15 j 05:20	0°♏	
	-11513 Jan 09 j 02:52	0°♐	
asc. node	-11513 Jan 28 j 08:43	22°♐47'50	
	-11513 Feb 03 j 12:40	0°♑	
	-11513 Mar 01 j 19:37	0°♒	
	-11513 Mar 29 j 19:30	0°♓	
evening max el	-11513 Apr 08 j 02:06	9°♓12'06	46°17'15
	-11513 May 02 j 10:48	0°♈	
greatest brilliancy	-11513 May 18 j 06:46	8°♈32'33	-4.9m
desc. node	-11513 May 21 j 22:42	9°♈34'46	
retrograde	-11513 May 27 j 23:32	10°♈16'04	
evening set	-11513 Jun 12 j 05:09	5°♈51'20	
inferior conj	-11513 Jun 17 j 17:43	2°♈41'27	-6°02'30
minimum elong	-11513 Jun 17 j 07:22	2°♈56'48	6°00'10
min. Earth dist.	-11513 Jun 17 j 07:43	2°♈56'16	0.26420 AU
morning rise	-11513 Jun 22 j 09:28	29°♓59'48	
	-11513 Jun 22 j 09:20	30°℞♓	
direct	-11513 Jul 08 j 02:24	25°♓13'31	
greatest brilliancy	-11513 Jul 18 j 17:10	27°♓20'41	-4.9m
	-11513 Jul 24 j 10:30	0°♈	
morning max el	-11513 Aug 27 j 16:45	28°♈31'44	46°36'44
	-11513 Aug 29 j 03:10	0°♉	
asc. node	-11513 Sep 10 j 08:09	13°♉00'08	
	-11513 Sep 25 j 12:17	0°♊	
	-11513 Oct 21 j 07:00	0°♋	
	-11513 Nov 15 j 14:37	0°♌	
	-11513 Dec 10 j 19:04	0°♍	
desc. node	-11512 Jan 01 j 14:58	26°♍06'25	
	-11512 Jan 04 j 20:48	0°♎	
	-11512 Jan 29 j 17:42	0°♏	
	-11512 Feb 23 j 08:02	0°♐	
morning set	-11512 Feb 27 j 05:09	4°♐45'48	
	-11512 Mar 18 j 15:50	0°♑	
max. Earth dist.	-11512 Mar 28 j 20:07	12°♑38'02	1.72566 AU
superior conj	-11512 Apr 02 j 05:13	18°♑05'00	-0°42'55
minimum elong	-11512 Apr 02 j 12:15	18°♑26'54	0°43'16
	-11512 Apr 11 j 18:36	0°♒	
asc. node	-11512 Apr 21 j 17:52	12°♒27'15	
	-11512 May 05 j 18:17	0°♓	
evening rise	-11512 May 08 j 03:14	2°♓58'24	
	-11512 May 29 j 16:47	0°♈	
	-11512 Jun 22 j 15:57	0°♉	
	-11512 Jul 16 j 18:00	0°♊	
	-11512 Aug 10 j 01:34	0°♋	
desc. node	-11512 Aug 13 j 03:20	3°♋45'51	
	-11512 Sep 03 j 17:59	0°♌	
	-11512 Sep 29 j 01:14	0°♍	
	-11512 Oct 25 j 15:06	0°♎	
evening max el	-11512 Nov 11 j 12:50	17°♎33'24	45°23'06
	-11512 Nov 24 j 23:48	0°♏	
asc. node	-11512 Dec 02 j 14:32	6°♏07'52	
greatest brilliancy	-11512 Dec 18 j 23:32	15°♏44'27	-4.7m
retrograde	-11512 Dec 30 j 05:31	18°♏01'57	
evening set	-11511 Jan 16 j 11:29	12°♏19'42	
inferior conj	-11511 Jan 20 j 15:16	9°♏44'39	7°54'43
minimum elong	-11511 Jan 20 j 11:27	9°♏50'43	7°54'06
min. Earth dist.	-11511 Jan 21 j 00:37	9°♏29'52	0.29590 AU
morning rise	-11511 Jan 24 j 11:22	7°♏20'50	
direct	-11511 Feb 11 j 15:48	1°♏11'25	
greatest brilliancy	-11511 Feb 21 j 17:02	3°♏00'09	-4.7m
desc. node	-11511 Mar 26 j 03:13	24°♏59'57	
	-11511 Mar 31 j 12:23	0°♐	
morning max el	-11511 Apr 01 j 23:21	1°♐23'39	46°13'29
	-11511 Apr 29 j 08:51	0°♑	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11511 May 25 j 11:07	0°♒	
	-11511 Jun 19 j 07:34	0°♓	
	-11511 Jul 13 j 12:24	0°♈	
asc. node	-11511 Jul 15 j 08:24	2°♈17'35	
	-11511 Aug 06 j 10:00	0°♉	
	-11511 Aug 30 j 06:24	0°♊	
	-11511 Sep 23 j 05:44	0°♋	
morning set	-11511 Oct 05 j 01:58	14°♋43'50	
	-11511 Oct 17 j 09:48	0°♌	
desc. node	-11511 Nov 05 j 13:40	23°♌37'35	
	-11511 Nov 10 j 18:03	0°♍	
superior conj	-11511 Nov 15 j 13:38	5°♍55'07	-0°22'13
minimum elong	-11511 Nov 15 j 08:33	5°♍39'31	0°21'41
max. Earth dist.	-11511 Nov 17 j 18:47	8°♍38'20	1.73308 AU
	-11511 Dec 05 j 04:32	0°♎	
evening rise	-11511 Dec 23 j 23:39	23°♎03'16	
	-11511 Dec 29 j 15:36	0°♏	
	-11510 Jan 23 j 03:11	0°♐	
greatest brilliancy	-11510 Jan 28 j 14:33	6°♐41'41	-3.9m
	-11510 Feb 16 j 17:00	0°♑	
asc. node	-11510 Feb 24 j 19:50	9°♑52'01	
	-11510 Mar 13 j 11:22	0°♒	
	-11510 Apr 07 j 12:43	0°♓	
	-11510 May 03 j 00:41	0°♈	
	-11510 May 29 j 09:03	0°♉	
desc. node	-11510 Jun 18 j 08:48	21°♉24'05	
evening max el	-11510 Jun 20 j 16:26	23°♉45'35	47°49'34
	-11510 Jun 27 j 00:02	0°♊	
greatest brilliancy	-11510 Aug 01 j 07:26	25°♊40'35	-4.9m
retrograde	-11510 Aug 10 j 18:34	27°♊23'59	
evening set	-11510 Aug 27 j 19:47	21°♊36'37	
min. Earth dist.	-11510 Aug 30 j 22:31	19°♊40'27	0.27052 AU
inferior conj	-11510 Aug 31 j 12:28	19°♊18'28	-7°35'54
minimum elong	-11510 Aug 31 j 21:14	19°♊04'39	7°33'53
morning rise	-11510 Sep 04 j 23:04	16°♊35'11	
direct	-11510 Sep 20 j 19:33	11°♊33'10	
greatest brilliancy	-11510 Sep 30 j 05:45	13°♊16'25	-4.9m
asc. node	-11510 Oct 07 j 19:28	16°♊45'53	
	-11510 Oct 25 j 22:11	0°♋	
morning max el	-11510 Nov 09 j 11:42	13°♋33'45	46°12'20
	-11510 Nov 25 j 11:54	0°♌	
	-11510 Dec 22 j 20:45	0°♍	
	-11509 Jan 18 j 03:49	0°♎	
desc. node	-11509 Jan 29 j 04:33	12°♎49'30	
	-11509 Feb 12 j 18:56	0°♏	
	-11509 Mar 09 j 20:30	0°♐	
	-11509 Apr 03 j 10:14	0°♑	
	-11509 Apr 27 j 14:36	0°♒	
morning set	-11509 May 04 j 21:31	9°♒06'59	
asc. node	-11509 May 20 j 07:05	28°♒27'19	
	-11509 May 21 j 12:32	0°♓	
max. Earth dist.	-11509 Jun 10 j 01:40	24°♓39'53	1.70918 AU
superior conj	-11509 Jun 11 j 08:27	26°♓17'09	0°48'16
minimum elong	-11509 Jun 10 j 23:23	25°♓48'29	0°47'50
	-11509 Jun 14 j 07:00	0°♈	
	-11509 Jul 08 j 00:49	0°♉	
evening rise	-11509 Jul 21 j 07:56	16°♉45'45	
	-11509 Jul 31 j 20:35	0°♊	
	-11509 Aug 24 j 20:20	0°♋	
desc. node	-11509 Sep 10 j 14:40	20°♋48'26	
	-11509 Sep 18 j 01:22	0°♌	
	-11509 Oct 12 j 12:37	0°♍	
	-11509 Nov 06 j 08:15	0°♎	
	-11509 Dec 01 j 18:18	0°♏	
	-11509 Dec 28 j 09:49	0°♐	
asc. node	-11509 Dec 31 j 00:36	2°♐49'28	
evening max el	-11508 Jan 22 j 14:55	25°♐47'47	44°53'29
	-11508 Jan 27 j 03:37	0°♑	
greatest brilliancy	-11508 Feb 29 j 15:55	22°♑45'22	-4.7m
retrograde	-11508 Mar 10 j 14:52	24°♑30'20	
evening set	-11508 Mar 26 j 10:59	19°♑54'08	
inferior conj	-11508 Mar 31 j 20:05	16°♑47'07	4°46'43
minimum elong	-11508 Apr 01 j 04:52	16°♑33'52	4°44'02
min. Earth dist.	-11508 Apr 02 j 03:35	15°♑59'41	0.28003 AU
morning rise	-11508 Apr 06 j 21:40	13°♑14'52	
direct	-11508 Apr 22 j 09:20	8°♑43'38	
desc. node	-11508 Apr 22 j 14:20	8°♑43'41	
greatest brilliancy	-11508 May 04 j 04:51	11°♑12'55	-4.8m
	-11508 May 31 j 07:59	0°♒	
morning max el	-11508 Jun 11 j 15:36	10°♒48'58	46°37'28
	-11508 Jun 29 j 17:40	0°♓	
	-11508 Jul 25 j 18:04	0°♈	
asc. node	-11508 Aug 11 j 21:50	20°♈38'31	
	-11508 Aug 19 j 13:55	0°♉	
	-11508 Sep 12 j 23:12	0°♊	
	-11508 Oct 07 j 07:00	0°♋	
	-11508 Oct 31 j 17:31	0°♌	
	-11508 Nov 25 j 07:14	0°♍	
desc. node	-11508 Dec 03 j 03:22	9°♍33'04	
morning set	-11508 Dec 18 j 01:53	27°♍45'25	
	-11508 Dec 19 j 22:02	0°♎	
	-11507 Jan 13 j 11:18	0°♏	
max. Earth dist.	-11507 Jan 20 j 22:55	9°♏10'30	1.73778 AU
superior conj	-11507 Jan 24 j 04:57	13°♏09'51	-1°20'03
minimum elong	-11507 Jan 24 j 03:01	13°♏03'57	1°20'27
	-11507 Feb 06 j 21:37	0°♐	
evening rise	-11507 Feb 28 j 08:13	26°♐26'37	
	-11507 Mar 03 j 05:20	0°♑	
asc. node	-11507 Mar 24 j 07:28	26°♑03'46	
	-11507 Mar 27 j 11:56	0°♒	
	-11507 Apr 20 j 18:58	0°♓	
	-11507 May 15 j 03:47	0°♈	
	-11507 Jun 08 j 16:21	0°♉	
	-11507 Jul 03 j 12:35	0°♊	
desc. node	-11507 Jul 15 j 18:55	14°♊33'57	
	-11507 Jul 29 j 00:40	0°♋	
	-11507 Aug 25 j 01:34	0°♌	
evening max el	-11507 Aug 30 j 15:23	5°♌46'51	47°10'25
	-11507 Sep 26 j 19:29	0°♍	
greatest brilliancy	-11507 Oct 09 j 19:32	7°♍21'05	-4.8m
retrograde	-11507 Oct 20 j 13:35	9°♍34'49	
evening set	-11507 Nov 04 j 11:25	5°♍01'58	
asc. node	-11507 Nov 04 j 06:24	5°♍09'04	
min. Earth dist.	-11507 Nov 10 j 03:10	1°♍31'43	0.28544 AU
inferior conj	-11507 Nov 10 j 16:39	1°♍09'52	1°29'48
minimum elong	-11507 Nov 10 j 13:36	1°♍14'48	1°29'17
	-11507 Nov 12 j 11:56	30°℞♌	
morning rise	-11507 Nov 16 j 16:29	27°♌26'22	
direct	-11507 Dec 01 j 19:30	22°♌51'32	
greatest brilliancy	-11507 Dec 10 j 20:17	24°♌21'58	-4.7m
	-11507 Dec 22 j 15:01	0°♍	
morning max el	-11506 Jan 19 j 13:02	22°♍35'01	45°59'19
	-11506 Jan 27 j 04:29	0°♎	
	-11506 Feb 24 j 16:20	0°♏	
desc. node	-11506 Feb 25 j 17:27	1°♏09'15	
	-11506 Mar 23 j 03:16	0°♐	
	-11506 Apr 17 j 10:54	0°♑	
	-11506 May 12 j 00:35	0°♒	
	-11506 Jun 05 j 02:31	0°♓	
asc. node	-11506 Jun 16 j 20:50	14°♓47'48	
greatest brilliancy	-11506 Jun 17 j 04:12	15°♓11'02	-3.9m

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11506 Jun 28 j 21:41	0°♈	
morning set	-11506 Jul 16 j 10:18	22°♈11'12	
	-11506 Jul 22 j 14:23	0°♉	
	-11506 Aug 15 j 08:11	0°♊	
superior conj	-11506 Aug 27 j 05:15	14°♊56'33	1°15'45
minimum elong	-11506 Aug 27 j 14:18	15°♊24'57	1°16'11
max. Earth dist.	-11506 Sep 03 j 10:25	23°♊59'25	1.71347 AU
	-11506 Sep 08 j 05:42	0°♋	
	-11506 Oct 02 j 08:07	0°♌	
desc. node	-11506 Oct 08 j 02:50	7°♌09'26	
evening rise	-11506 Oct 09 j 15:42	9°♌03'26	
	-11506 Oct 26 j 15:06	0°♍	
	-11506 Nov 20 j 01:54	0°♎	
	-11506 Dec 14 j 16:55	0°♏	
	-11505 Jan 08 j 15:02	0°♐	
asc. node	-11505 Jan 27 j 11:03	22°♐16'40	
	-11505 Feb 03 j 01:58	0°♑	
	-11505 Mar 01 j 11:16	0°♒	
	-11505 Mar 29 j 16:47	0°♓	
evening max el	-11505 Apr 05 j 15:52	6°♓51'05	46°13'20
	-11505 May 03 j 15:03	0°♈	
greatest brilliancy	-11505 May 15 j 17:02	6°♈01'38	-4.9m
desc. node	-11505 May 21 j 01:03	7°♈23'34	
retrograde	-11505 May 25 j 11:35	7°♈46'02	
evening set	-11505 Jun 09 j 13:23	3°♈25'56	
inferior conj	-11505 Jun 15 j 05:11	0°♈11'53	-5°44'13
minimum elong	-11505 Jun 14 j 18:56	0°♈27'02	5°41'51
min. Earth dist.	-11505 Jun 14 j 20:01	0°♈25'26	0.26428 AU
	-11505 Jun 15 j 13:12	30°℞♓	
morning rise	-11505 Jun 20 j 00:25	27°♓25'49	
direct	-11505 Jul 05 j 15:08	22°♓43'48	
greatest brilliancy	-11505 Jul 16 j 06:13	24°♓51'38	-4.9m
	-11505 Jul 26 j 04:00	0°♈	
morning max el	-11505 Aug 25 j 06:25	26°♈05'20	46°37'28
	-11505 Aug 29 j 01:13	0°♉	
asc. node	-11505 Sep 09 j 10:12	12°♉14'09	
	-11505 Sep 25 j 04:29	0°♊	
	-11505 Oct 20 j 20:54	0°♋	
	-11505 Nov 15 j 03:20	0°♌	
	-11505 Dec 10 j 07:02	0°♍	
desc. node	-11505 Dec 31 j 17:08	25°♍38'26	
	-11504 Jan 04 j 08:15	0°♎	
	-11504 Jan 29 j 04:48	0°♏	
	-11504 Feb 22 j 18:55	0°♐	
morning set	-11504 Feb 25 j 00:34	2°♐44'39	
	-11504 Mar 18 j 02:39	0°♑	
max. Earth dist.	-11504 Mar 26 j 14:21	10°♑31'54	1.72623 AU
superior conj	-11504 Mar 31 j 00:23	16°♑01'31	-0°45'25
minimum elong	-11504 Mar 31 j 07:37	16°♑24'02	0°45'45
	-11504 Apr 11 j 05:29	0°♒	
asc. node	-11504 Apr 20 j 20:04	11°♒59'58	
	-11504 May 05 j 05:20	0°♓	
evening rise	-11504 May 05 j 20:28	0°♓47'21	
	-11504 May 29 j 04:04	0°♈	
	-11504 Jun 22 j 03:30	0°♉	
	-11504 Jul 16 j 05:52	0°♊	
	-11504 Aug 09 j 13:51	0°♋	
desc. node	-11504 Aug 12 j 05:31	3°♋14'51	
	-11504 Sep 03 j 06:53	0°♌	
	-11504 Sep 28 j 15:21	0°♍	
	-11504 Oct 25 j 08:15	0°♎	
evening max el	-11504 Nov 09 j 05:32	15°♎23'50	45°25'52
	-11504 Nov 25 j 05:32	0°♏	
asc. node	-11504 Dec 01 j 16:50	5°♏02'20	
greatest brilliancy	-11504 Dec 16 j 16:52	13°♏39'24	-4.7m
retrograde	-11504 Dec 27 j 22:48	15°♏56'57	
evening set	-11503 Jan 14 j 03:13	10°♏17'11	
inferior conj	-11503 Jan 18 j 08:45	7°♏39'02	7°50'36
minimum elong	-11503 Jan 18 j 04:22	7°♏46'00	7°49'56
min. Earth dist.	-11503 Jan 18 j 16:44	7°♏26'20	0.29596 AU
morning rise	-11503 Jan 22 j 05:31	5°♏13'46	
	-11503 Feb 02 j 14:32	30°℞♎	
direct	-11503 Feb 09 j 09:22	29°♎05'48	
	-11503 Feb 16 j 09:39	0°♏	
greatest brilliancy	-11503 Feb 19 j 08:03	0°♏52'16	-4.7m
desc. node	-11503 Mar 25 j 05:20	24°♏08'06	
morning max el	-11503 Mar 30 j 15:22	29°♏13'42	46°12'31
	-11503 Mar 31 j 10:34	0°♐	
	-11503 Apr 29 j 00:34	0°♑	
	-11503 May 25 j 00:38	0°♒	
	-11503 Jun 18 j 20:03	0°♓	
	-11503 Jul 13 j 00:20	0°♈	
asc. node	-11503 Jul 14 j 10:34	1°♈47'04	
	-11503 Aug 05 j 21:38	0°♉	
	-11503 Aug 29 j 17:50	0°♊	
	-11503 Sep 22 j 17:01	0°♋	
morning set	-11503 Oct 02 j 12:26	12°♋12'35	
	-11503 Oct 16 j 20:55	0°♌	
desc. node	-11503 Nov 04 j 15:56	23°♌10'49	
	-11503 Nov 10 j 05:01	0°♍	
superior conj	-11503 Nov 13 j 02:52	3°♍34'40	-0°18'52
minimum elong	-11503 Nov 12 j 22:29	3°♍21'14	0°18'21
max. Earth dist.	-11503 Nov 15 j 16:28	6°♍43'56	1.73256 AU
	-11503 Dec 04 j 15:23	0°♎	
evening rise	-11503 Dec 21 j 17:24	20°♎57'13	
	-11503 Dec 29 j 02:27	0°♏	
	-11502 Jan 22 j 14:13	0°♐	
	-11502 Feb 16 j 04:24	0°♑	
asc. node	-11502 Feb 23 j 21:57	9°♑23'21	
	-11502 Mar 12 j 23:24	0°♒	
	-11502 Apr 07 j 01:44	0°♓	
	-11502 May 02 j 15:19	0°♈	
	-11502 May 29 j 02:49	0°♉	
desc. node	-11502 Jun 17 j 11:03	20°♉32'05	
evening max el	-11502 Jun 18 j 06:38	21°♉21'36	47°48'02
	-11502 Jun 27 j 02:47	0°♊	
greatest brilliancy	-11502 Jul 29 j 22:11	23°♊14'33	-4.9m
retrograde	-11502 Aug 08 j 07:48	24°♊56'25	
evening set	-11502 Aug 25 j 12:14	19°♊05'57	
min. Earth dist.	-11502 Aug 28 j 12:08	17°♊14'09	0.27013 AU
inferior conj	-11502 Aug 29 j 02:01	16°♊52'16	-7°47'17
minimum elong	-11502 Aug 29 j 10:23	16°♊39'05	7°45'26
morning rise	-11502 Sep 02 j 08:52	14°♊14'25	
direct	-11502 Sep 18 j 08:26	9°♊08'09	
greatest brilliancy	-11502 Sep 27 j 19:39	10°♊51'52	-4.9m
asc. node	-11502 Oct 06 j 21:45	15°♊14'35	
	-11502 Oct 26 j 04:46	0°♋	
morning max el	-11502 Nov 07 j 00:56	11°♋11'16	46°13'17
	-11502 Nov 25 j 05:58	0°♌	
	-11502 Dec 22 j 11:11	0°♍	
	-11501 Jan 17 j 16:33	0°♎	
desc. node	-11501 Jan 28 j 06:38	12°♎19'37	
	-11501 Feb 12 j 06:45	0°♏	
	-11501 Mar 09 j 07:49	0°♐	
	-11501 Apr 02 j 21:17	0°♑	
	-11501 Apr 27 j 01:33	0°♒	
morning set	-11501 May 02 j 15:02	6°♒57'18	
asc. node	-11501 May 19 j 09:22	28°♒00'03	
	-11501 May 20 j 23:29	0°♓	
max. Earth dist.	-11501 Jun 07 j 09:34	21°♓58'30	1.70959 AU

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

superior conj	-11501 Jun 08 j 22:33	23°♓55'18	0°45'22
minimum elong	-11501 Jun 08 j 13:51	23°♓27'50	0°44'54
	-11501 Jun 13 j 18:01	0°♈	
	-11501 Jul 07 j 11:57	0°♉	
evening rise	-11501 Jul 18 j 17:27	14°♉09'22	
	-11501 Jul 31 j 07:51	0°♊	
	-11501 Aug 24 j 07:44	0°♋	
desc. node	-11501 Sep 09 j 16:47	20°♋19'23	
	-11501 Sep 17 j 12:56	0°♌	
	-11501 Oct 12 j 00:28	0°♍	
	-11501 Nov 05 j 20:39	0°♎	
	-11501 Dec 01 j 07:52	0°♏	
	-11501 Dec 28 j 02:09	0°♐	
asc. node	-11501 Dec 30 j 02:56	2°♐10'55	
evening max el	-11500 Jan 20 j 04:46	23°♐32'58	44°52'40
	-11500 Jan 27 j 05:26	0°♑	
greatest brilliancy	-11500 Feb 27 j 04:58	20°♑31'15	-4.7m
retrograde	-11500 Mar 08 j 05:07	22°♑17'34	
evening set	-11500 Mar 24 j 03:52	17°♑36'46	
inferior conj	-11500 Mar 29 j 10:36	14°♑32'55	5°02'52
minimum elong	-11500 Mar 29 j 19:37	14°♑19'20	5°00'11
min. Earth dist.	-11500 Mar 30 j 18:43	13°♑44'35	0.28088 AU
morning rise	-11500 Apr 04 j 10:18	11°♑03'05	
direct	-11500 Apr 20 j 00:28	6°♑27'31	
desc. node	-11500 Apr 21 j 16:41	6°♑30'45	
greatest brilliancy	-11500 May 01 j 20:39	8°♑57'26	-4.8m
	-11500 May 31 j 11:35	0°♒	
morning max el	-11500 Jun 09 j 06:49	8°♒30'09	46°36'55
	-11500 Jun 29 j 11:11	0°♓	
	-11500 Jul 25 j 08:36	0°♈	
asc. node	-11500 Aug 10 j 23:55	20°♈03'46	
	-11500 Aug 19 j 03:05	0°♉	
	-11500 Sep 12 j 11:36	0°♊	
	-11500 Oct 06 j 18:53	0°♋	
	-11500 Oct 31 j 05:02	0°♌	
	-11500 Nov 24 j 18:27	0°♍	
desc. node	-11500 Dec 02 j 05:29	9°♍05'32	
morning set	-11500 Dec 15 j 17:26	25°♍32'51	
	-11500 Dec 19 j 09:03	0°♎	
	-11499 Jan 12 j 22:10	0°♏	
max. Earth dist.	-11499 Jan 18 j 20:48	7°♏17'11	1.73791 AU
superior conj	-11499 Jan 22 j 00:02	11°♏07'58	-1°19'40
minimum elong	-11499 Jan 21 j 21:32	11°♏00'18	1°20'03
	-11499 Feb 06 j 08:25	0°♐	
evening rise	-11499 Feb 26 j 04:21	24°♐27'06	
	-11499 Mar 02 j 16:13	0°♑	
asc. node	-11499 Mar 23 j 09:46	25°♑36'37	
	-11499 Mar 26 j 23:04	0°♒	
	-11499 Apr 20 j 06:29	0°♓	
	-11499 May 14 j 15:51	0°♈	
	-11499 Jun 08 j 05:07	0°♉	
	-11499 Jul 03 j 02:23	0°♊	
desc. node	-11499 Jul 14 j 21:04	13°♊57'29	
	-11499 Jul 28 j 16:19	0°♋	
	-11499 Aug 24 j 21:47	0°♌	
evening max el	-11499 Aug 28 j 07:19	3°♌30'06	47°13'53
	-11499 Sep 27 j 19:23	0°♍	
greatest brilliancy	-11499 Oct 07 j 13:08	5°♍07'59	-4.8m
retrograde	-11499 Oct 18 j 06:57	7°♍21'38	
evening set	-11499 Nov 02 j 04:13	2°♍48'22	
asc. node	-11499 Nov 03 j 08:44	2°♍06'45	
	-11499 Nov 06 j 18:05	30°℞♌	
inferior conj	-11499 Nov 08 j 09:17	28°♌56'42	1°10'31
minimum elong	-11499 Nov 08 j 06:52	29°♌00'37	1°10'11
min. Earth dist.	-11499 Nov 07 j 19:34	29°♌18'55	0.28487 AU
morning rise	-11499 Nov 14 j 10:16	25°♌11'59	
direct	-11499 Nov 29 j 11:15	20°♌39'11	
greatest brilliancy	-11499 Dec 08 j 12:06	22°♌10'08	-4.7m
	-11499 Dec 23 j 16:02	0°♍	
morning max el	-11498 Jan 17 j 06:11	20°♍28'16	45°59'23
	-11498 Jan 27 j 00:20	0°♎	
	-11498 Feb 24 j 07:18	0°♏	
desc. node	-11498 Feb 24 j 19:32	0°♏33'53	
	-11498 Mar 22 j 16:17	0°♐	
	-11498 Apr 16 j 22:58	0°♑	
	-11498 May 11 j 12:10	0°♒	
	-11498 Jun 04 j 13:54	0°♓	
asc. node	-11498 Jun 15 j 23:00	14°♓18'55	
greatest brilliancy	-11498 Jun 17 j 08:29	16°♓04'29	-3.9m
	-11498 Jun 28 j 09:01	0°♈	
morning set	-11498 Jul 13 j 21:13	19°♈38'01	
	-11498 Jul 22 j 01:41	0°♉	
	-11498 Aug 14 j 19:29	0°♊	
superior conj	-11498 Aug 24 j 13:20	12°♊15'39	1°17'19
minimum elong	-11498 Aug 24 j 21:32	12°♊41'27	1°17'47
max. Earth dist.	-11498 Aug 31 j 16:15	21°♊11'55	1.71287 AU
	-11498 Sep 07 j 17:00	0°♋	
	-11498 Oct 01 j 19:24	0°♌	
evening rise	-11498 Oct 07 j 00:49	6°♌28'18	
desc. node	-11498 Oct 07 j 05:08	6°♌41'40	
	-11498 Oct 26 j 02:25	0°♍	
	-11498 Nov 19 j 13:20	0°♎	
	-11498 Dec 14 j 04:38	0°♏	
	-11497 Jan 08 j 03:21	0°♐	
asc. node	-11497 Jan 26 j 13:13	21°♐44'36	
	-11497 Feb 02 j 15:30	0°♑	
	-11497 Mar 01 j 03:13	0°♒	
	-11497 Mar 29 j 14:49	0°♓	
evening max el	-11497 Apr 03 j 06:13	4°♓31'47	46°09'31
	-11497 May 05 j 06:39	0°♈	
greatest brilliancy	-11497 May 13 j 03:36	3°♈31'54	-4.8m
desc. node	-11497 May 20 j 03:14	5°♈07'25	
retrograde	-11497 May 22 j 23:23	5°♈16'38	
evening set	-11497 Jun 06 j 22:05	1°♈01'08	
	-11497 Jun 08 j 18:48	30°℞♓	
inferior conj	-11497 Jun 12 j 16:48	27°♓43'05	-5°25'22
minimum elong	-11497 Jun 12 j 06:47	27°♓57'55	5°23'00
min. Earth dist.	-11497 Jun 12 j 08:35	27°♓55'15	0.26439 AU
morning rise	-11497 Jun 17 j 15:25	24°♓52'31	
direct	-11497 Jul 03 j 04:10	20°♓14'56	
greatest brilliancy	-11497 Jul 13 j 19:23	22°♓22'56	-4.9m
	-11497 Jul 27 j 08:45	0°♈	
morning max el	-11497 Aug 22 j 19:23	23°♈36'45	46°37'50
	-11497 Aug 28 j 22:37	0°♉	
asc. node	-11497 Sep 08 j 12:31	11°♉28'56	
	-11497 Sep 24 j 20:40	0°♊	
	-11497 Oct 20 j 10:57	0°♋	
	-11497 Nov 14 j 16:12	0°♌	
	-11497 Dec 09 j 19:09	0°♍	
desc. node	-11497 Dec 30 j 19:13	25°♍09'39	
	-11496 Jan 03 j 19:52	0°♎	
	-11496 Jan 28 j 16:04	0°♏	
	-11496 Feb 22 j 06:00	0°♐	
morning set	-11496 Feb 22 j 19:52	0°♐42'35	
	-11496 Mar 17 j 13:41	0°♑	
max. Earth dist.	-11496 Mar 24 j 07:00	8°♑20'18	1.72678 AU
superior conj	-11496 Mar 28 j 19:44	13°♑58'09	-0°47'50
minimum elong	-11496 Mar 29 j 03:08	14°♑21'09	0°48'11
	-11496 Apr 10 j 16:34	0°♒	
asc. node	-11496 Apr 19 j 22:23	11°♒32'31	
evening rise	-11496 May 03 j 14:02	28°♒37'00	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11496 May 04 j 16:33	0°♓	
	-11496 May 28 j 15:29	0°♈	
	-11496 Jun 21 j 15:11	0°♉	
	-11496 Jul 15 j 17:54	0°♊	
	-11496 Aug 09 j 02:21	0°♋	
desc. node	-11496 Aug 11 j 07:41	2°♋43'06	
	-11496 Sep 02 j 20:06	0°♌	
	-11496 Sep 28 j 05:56	0°♍	
	-11496 Oct 25 j 02:11	0°♎	
evening max el	-11496 Nov 06 j 21:19	13°♎10'38	45°28'46
	-11496 Nov 25 j 14:19	0°♏	
asc. node	-11496 Nov 30 j 19:07	3°♏53'41	
greatest brilliancy	-11496 Dec 14 j 10:26	11°♏33'07	-4.7m
retrograde	-11496 Dec 25 j 15:41	13°♏50'33	
evening set	-11495 Jan 11 j 18:37	8°♏13'27	
inferior conj	-11495 Jan 16 j 02:08	5°♏32'02	7°45'48
minimum elong	-11495 Jan 15 j 21:11	5°♏39'54	7°45'05
min. Earth dist.	-11495 Jan 16 j 09:02	5°♏21'02	0.29598 AU
morning rise	-11495 Jan 19 j 23:43	3°♏05'06	
	-11495 Jan 25 j 14:50	30°℞♎	
direct	-11495 Feb 07 j 02:19	26°♎58'45	
greatest brilliancy	-11495 Feb 16 j 23:31	28°♎43'36	-4.7m
	-11495 Feb 20 j 06:37	0°♏	
desc. node	-11495 Mar 24 j 07:42	23°♏16'42	
morning max el	-11495 Mar 28 j 06:31	27°♏00'41	46°11'41
	-11495 Mar 31 j 08:23	0°♐	
	-11495 Apr 28 j 16:23	0°♑	
	-11495 May 24 j 14:20	0°♒	
	-11495 Jun 18 j 08:44	0°♓	
	-11495 Jul 12 j 12:28	0°♈	
asc. node	-11495 Jul 13 j 12:43	1°♈15'55	
	-11495 Aug 05 j 09:26	0°♉	
	-11495 Aug 29 j 05:28	0°♊	
	-11495 Sep 22 j 04:31	0°♋	
morning set	-11495 Sep 29 j 22:42	9°♋39'44	
	-11495 Oct 16 j 08:19	0°♌	
desc. node	-11495 Nov 03 j 18:02	22°♌42'30	
	-11495 Nov 09 j 16:18	0°♍	
superior conj	-11495 Nov 10 j 15:33	1°♍11'28	-0°15'27
minimum elong	-11495 Nov 10 j 11:56	1°♍00'21	0°14'55
behind sun begin	-11495 Nov 10 j 02:22	0°♍30'58	
behind sun end	-11495 Nov 10 j 21:29	1°♍29'43	
max. Earth dist.	-11495 Nov 13 j 12:03	4°♍41'59	1.73205 AU
	-11495 Dec 04 j 02:36	0°♎	
evening rise	-11495 Dec 19 j 10:29	18°♎48'02	
	-11495 Dec 28 j 13:41	0°♏	
	-11494 Jan 22 j 01:38	0°♐	
	-11494 Feb 15 j 16:12	0°♑	
asc. node	-11494 Feb 23 j 00:18	8°♑54'14	
	-11494 Mar 12 j 11:52	0°♒	
	-11494 Apr 06 j 15:14	0°♓	
	-11494 May 02 j 06:31	0°♈	
	-11494 May 28 j 21:21	0°♉	
evening max el	-11494 Jun 15 j 20:04	18°♉54'53	47°46'33
desc. node	-11494 Jun 16 j 13:17	19°♉38'10	
	-11494 Jun 27 j 07:27	0°♊	
greatest brilliancy	-11494 Jul 27 j 13:10	20°♊48'18	-4.9m
retrograde	-11494 Aug 05 j 20:59	22°♊28'48	
evening set	-11494 Aug 23 j 04:38	16°♊35'12	
min. Earth dist.	-11494 Aug 26 j 01:58	14°♊47'35	0.26974 AU
inferior conj	-11494 Aug 26 j 15:42	14°♊25'57	-7°57'43
minimum elong	-11494 Aug 26 j 23:35	14°♊13'34	7°56'04
morning rise	-11494 Aug 30 j 18:48	11°♊53'42	
direct	-11494 Sep 15 j 21:08	6°♊42'48	
greatest brilliancy	-11494 Sep 25 j 10:05	8°♊27'40	-4.9m
asc. node	-11494 Oct 06 j 00:08	13°♊46'16	
	-11494 Oct 26 j 09:32	0°♋	
morning max el	-11494 Nov 04 j 14:19	8°♋48'14	46°14'04
	-11494 Nov 24 j 23:56	0°♌	
	-11494 Dec 22 j 01:50	0°♍	
	-11493 Jan 17 j 05:37	0°♎	
desc. node	-11493 Jan 27 j 08:45	11°♎48'46	
	-11493 Feb 11 j 18:56	0°♏	
	-11493 Mar 08 j 19:29	0°♐	
	-11493 Apr 02 j 08:41	0°♑	
	-11493 Apr 26 j 12:50	0°♒	
morning set	-11493 Apr 30 j 08:32	4°♒46'31	
asc. node	-11493 May 18 j 11:28	27°♒31'07	
	-11493 May 20 j 10:47	0°♓	
max. Earth dist.	-11493 Jun 04 j 19:48	19°♓23'21	1.71000 AU
superior conj	-11493 Jun 06 j 12:46	21°♓32'41	0°42'23
minimum elong	-11493 Jun 06 j 04:30	21°♓06'37	0°41'55
	-11493 Jun 13 j 05:24	0°♈	
	-11493 Jul 06 j 23:27	0°♉	
evening rise	-11493 Jul 16 j 03:23	11°♉33'16	
	-11493 Jul 30 j 19:26	0°♊	
	-11493 Aug 23 j 19:24	0°♋	
desc. node	-11493 Sep 08 j 19:09	19°♋50'19	
	-11493 Sep 17 j 00:45	0°♌	
	-11493 Oct 11 j 12:35	0°♍	
	-11493 Nov 05 j 09:22	0°♎	
	-11493 Nov 30 j 21:51	0°♏	
	-11493 Dec 27 j 19:11	0°♐	
asc. node	-11493 Dec 29 j 05:10	1°♐30'36	
evening max el	-11492 Jan 17 j 19:25	21°♐18'58	44°51'55
	-11492 Jan 27 j 09:21	0°♑	
greatest brilliancy	-11492 Feb 24 j 17:40	18°♑15'49	-4.7m
retrograde	-11492 Mar 05 j 19:49	20°♑03'47	
evening set	-11492 Mar 21 j 20:50	15°♑18'31	
inferior conj	-11492 Mar 27 j 01:09	12°♑17'41	5°18'18
minimum elong	-11492 Mar 27 j 10:19	12°♑03'52	5°15'41
min. Earth dist.	-11492 Mar 28 j 09:25	11°♑29'06	0.28173 AU
morning rise	-11492 Apr 01 j 22:50	8°♑50'36	
direct	-11492 Apr 17 j 16:12	4°♑10'35	
desc. node	-11492 Apr 20 j 18:51	4°♑21'41	
greatest brilliancy	-11492 Apr 29 j 11:51	6°♑40'28	-4.8m
	-11492 May 31 j 14:06	0°♒	
morning max el	-11492 Jun 06 j 22:35	6°♒11'58	46°36'17
	-11492 Jun 29 j 04:43	0°♓	
	-11492 Jul 24 j 23:18	0°♈	
asc. node	-11492 Aug 10 j 02:08	19°♈28'42	
	-11492 Aug 18 j 16:27	0°♉	
	-11492 Sep 12 j 00:12	0°♊	
	-11492 Oct 06 j 06:58	0°♋	
	-11492 Oct 30 j 16:44	0°♌	
	-11492 Nov 24 j 05:52	0°♍	
desc. node	-11492 Dec 01 j 07:34	8°♍37'21	
morning set	-11492 Dec 13 j 09:09	23°♍20'06	
	-11492 Dec 18 j 20:15	0°♎	
	-11491 Jan 12 j 09:15	0°♏	
max. Earth dist.	-11491 Jan 16 j 19:57	5°♏27'01	1.73807 AU
superior conj	-11491 Jan 19 j 19:06	9°♏05'13	-1°19'10
minimum elong	-11491 Jan 19 j 16:02	8°♏55'49	1°19'31
	-11491 Feb 05 j 19:30	0°♐	
evening rise	-11491 Feb 24 j 00:25	22°♐26'33	
	-11491 Mar 02 j 03:24	0°♑	
asc. node	-11491 Mar 22 j 12:04	25°♑08'34	
	-11491 Mar 26 j 10:30	0°♒	
	-11491 Apr 19 j 18:19	0°♓	
	-11491 May 14 j 04:13	0°♈	
	-11491 Jun 07 j 18:14	0°♉	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11491 Jul 02 j 16:33	0°♊		
desc. node	-11491 Jul 13 j 23:21	13°♊20'18		
	-11491 Jul 28 j 08:28	0°♋		
	-11491 Aug 24 j 18:54	0°♌		
evening max el	-11491 Aug 26 j 00:18	1°♌15'15	47°17'18	
	-11491 Sep 29 j 05:15	0°♍		
greatest brilliancy	-11491 Oct 05 j 06:46	2°♍54'35	-4.9m	
retrograde	-11491 Oct 16 j 00:38	5°♍08'04		
evening set	-11491 Oct 30 j 21:20	0°♍34'31		
	-11491 Oct 31 j 21:02	30℞♌		
asc. node	-11491 Nov 02 j 10:55	29°♌02'25		
min. Earth dist.	-11491 Nov 05 j 11:52	27°♌06'13	0.28426 AU	
inferior conj	-11491 Nov 06 j 02:01	26°♌43'19	0°51'10	
minimum elong	-11491 Nov 06 j 00:15	26°♌46'11	0°51'01	
morning rise	-11491 Nov 12 j 04:01	22°♌57'36		
direct	-11491 Nov 27 j 03:31	18°♌26'56		
greatest brilliancy	-11491 Dec 06 j 03:31	19°♌57'46	-4.7m	
	-11491 Dec 24 j 10:30	0°♍		
morning max el	-11490 Jan 14 j 23:22	18°♍21'28	45°59'21	
	-11490 Jan 26 j 19:40	0°♎		
desc. node	-11490 Feb 23 j 21:51	29°♎59'03		
	-11490 Feb 23 j 22:12	0°♏		
	-11490 Mar 22 j 05:23	0°♐		
	-11490 Apr 16 j 11:12	0°♑		
	-11490 May 10 j 23:57	0°♒		
	-11490 Jun 04 j 01:27	0°♓		
asc. node	-11490 Jun 15 j 01:09	13°♓49'31		
greatest brilliancy	-11490 Jun 17 j 09:40	16°♓47'42	-3.9m	
	-11490 Jun 27 j 20:28	0°♈		
morning set	-11490 Jul 11 j 08:14	17°♈04'49		
	-11490 Jul 21 j 13:07	0°♉		
	-11490 Aug 14 j 06:54	0°♊		
superior conj	-11490 Aug 21 j 21:31	9°♊34'38	1°18'42	
minimum elong	-11490 Aug 22 j 04:50	9°♊57'36	1°19'11	
max. Earth dist.	-11490 Aug 29 j 00:28	18°♊31'21	1.71229 AU	
	-11490 Sep 07 j 04:25	0°♋		
	-11490 Oct 01 j 06:50	0°♌		
evening rise	-11490 Oct 04 j 09:47	3°♌52'12		
desc. node	-11490 Oct 06 j 07:15	6°♌12'53		
	-11490 Oct 25 j 13:51	0°♍		
	-11490 Nov 19 j 00:50	0°♎		
	-11490 Dec 13 j 16:23	0°♏		
	-11489 Jan 07 j 15:43	0°♐		
asc. node	-11489 Jan 25 j 15:35	21°♐12'58		
	-11489 Feb 02 j 05:08	0°♑		
	-11489 Feb 28 j 19:29	0°♒		
	-11489 Mar 29 j 13:52	0°♓		
evening max el	-11489 Mar 31 j 20:07	2°♓11'07	46°05'27	
	-11489 May 07 j 20:53	0°♈		
greatest brilliancy	-11489 May 10 j 14:50	1°♈02'35	-4.8m	
desc. node	-11489 May 19 j 05:26	2°♈45'09		
retrograde	-11489 May 20 j 10:39	2°♈46'51		
	-11489 Jun 01 j 10:13	30℞♓		
evening set	-11489 Jun 04 j 06:59	28°♓35'49		
inferior conj	-11489 Jun 10 j 04:25	25°♓14'06	-5°05'54	
minimum elong	-11489 Jun 09 j 18:41	25°♓28'31	5°03'31	
min. Earth dist.	-11489 Jun 09 j 21:34	25°♓24'14	0.26453 AU	
morning rise	-11489 Jun 15 j 06:17	22°♓18'58		
direct	-11489 Jun 30 j 16:41	17°♓45'49		
greatest brilliancy	-11489 Jul 11 j 08:58	19°♓54'22	-4.9m	
	-11489 Jul 28 j 05:55	0°♈		
morning max el	-11489 Aug 20 j 07:12	21°♈04'56	46°38'17	
	-11489 Aug 28 j 19:22	0°♉		
asc. node	-11489 Sep 07 j 14:51	10°♉44'21		
	-11489 Sep 24 j 12:36	0°♊		
	-11489 Oct 20 j 00:51	0°♋		
	-11489 Nov 14 j 05:00	0°♌		
	-11489 Dec 09 j 07:12	0°♍		
desc. node	-11489 Dec 29 j 21:22	24°♍41'20		
	-11488 Jan 03 j 07:23	0°♎		
	-11488 Jan 28 j 03:13	0°♏		
morning set	-11488 Feb 20 j 15:29	28°♏41'53		
	-11488 Feb 21 j 16:57	0°♐		
	-11488 Mar 17 j 00:36	0°♑		
max. Earth dist.	-11488 Mar 22 j 00:54	6°♑12'59	1.72739 AU	
superior conj	-11488 Mar 26 j 15:28	11°♑56'16	-0°50'09	
minimum elong	-11488 Mar 26 j 22:59	12°♑19'39	0°50'31	
	-11488 Apr 10 j 03:35	0°♒		
asc. node	-11488 Apr 19 j 00:32	11°♒04'38		
evening rise	-11488 May 01 j 07:53	26°♒27'40		
	-11488 May 04 j 03:45	0°♓		
	-11488 May 28 j 02:54	0°♈		
	-11488 Jun 21 j 02:53	0°♉		
	-11488 Jul 15 j 05:57	0°♊		
	-11488 Aug 08 j 14:51	0°♋		
desc. node	-11488 Aug 10 j 10:02	2°♋11'56		
	-11488 Sep 02 j 09:20	0°♌		
	-11488 Sep 27 j 20:36	0°♍		
	-11488 Oct 24 j 20:25	0°♎		
evening max el	-11488 Nov 04 j 12:25	10°♎55'58	45°31'48	
	-11488 Nov 26 j 01:54	0°♏		
asc. node	-11488 Nov 29 j 21:25	2°♏43'47		
greatest brilliancy	-11488 Dec 12 j 04:10	9°♏27'37	-4.7m	
retrograde	-11488 Dec 23 j 08:55	11°♏45'19		
evening set	-11487 Jan 09 j 10:08	6°♏10'53		
inferior conj	-11487 Jan 13 j 19:44	3°♏26'13	7°40'29	
minimum elong	-11487 Jan 13 j 14:16	3°♏34'57	7°39'41	
min. Earth dist.	-11487 Jan 14 j 01:42	3°♏16'42	0.29594 AU	
morning rise	-11487 Jan 17 j 18:21	0°♏57'28		
	-11487 Jan 19 j 08:57	30℞♎		
direct	-11487 Feb 04 j 19:02	24°♎52'51		
greatest brilliancy	-11487 Feb 14 j 15:38	26°♎36'48	-4.7m	
	-11487 Feb 22 j 07:38	0°♏		
desc. node	-11487 Mar 23 j 09:47	22°♏26'35		
morning max el	-11487 Mar 25 j 21:47	24°♏48'57	46°10'56	
	-11487 Mar 31 j 05:04	0°♐		
	-11487 Apr 28 j 07:42	0°♑		
	-11487 May 24 j 03:43	0°♒		
	-11487 Jun 17 j 21:13	0°♓		
	-11487 Jul 12 j 00:27	0°♈		
asc. node	-11487 Jul 12 j 14:59	0°♈45'30		
	-11487 Aug 04 j 21:09	0°♉		
	-11487 Aug 28 j 17:00	0°♊		
	-11487 Sep 21 j 15:54	0°♋		
morning set	-11487 Sep 27 j 08:36	7°♋05'57		
	-11487 Oct 15 j 19:33	0°♌		
desc. node	-11487 Nov 02 j 20:08	22°♌14'43		
superior conj	-11487 Nov 08 j 04:01	28°♌48'07	-0°11'58	
minimum elong	-11487 Nov 08 j 01:12	28°♌39'26	0°11'28	
behind sun begin	-11487 Nov 07 j 07:01	27°♌43'30		
behind sun end	-11487 Nov 08 j 19:23	29°♌35'21		
	-11487 Nov 09 j 03:24	0°♍		
max. Earth dist.	-11487 Nov 11 j 06:03	2°♍35'40	1.73151 AU	
	-11487 Dec 03 j 13:38	0°♎		
evening rise	-11487 Dec 17 j 03:34	16°♎39'23		
	-11487 Dec 28 j 00:45	0°♏		
	-11486 Jan 21 j 12:51	0°♐		
	-11486 Feb 15 j 03:46	0°♑		
asc. node	-11486 Feb 22 j 02:38	8°♑25'50		
	-11486 Mar 12 j 00:03	0°♒		
	-11486 Apr 06 j 04:28	0°♓		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11486 May 01 j 21:34	0°♈	
	-11486 May 28 j 16:02	0°♉	
evening max el	-11486 Jun 13 j 09:03	16°♉27'43	47°44'38
desc. node	-11486 Jun 15 j 15:33	18°♉43'55	
	-11486 Jun 27 j 13:54	0°♊	
greatest brilliancy	-11486 Jul 25 j 03:32	18°♊20'58	-4.9m
retrograde	-11486 Aug 03 j 10:01	20°♊00'42	
evening set	-11486 Aug 20 j 20:34	14°♊03'51	
min. Earth dist.	-11486 Aug 23 j 15:24	12°♊20'26	0.26941 AU
inferior conj	-11486 Aug 24 j 05:06	11°♊58'57	-8°07'20
minimum elong	-11486 Aug 24 j 12:26	11°♊47'27	8°05'51
morning rise	-11486 Aug 28 j 04:30	9°♊32'27	
direct	-11486 Sep 13 j 09:39	4°♊16'30	
greatest brilliancy	-11486 Sep 23 j 00:16	6°♊02'49	-4.9m
asc. node	-11486 Oct 05 j 02:15	12°♊20'24	
	-11486 Oct 26 j 12:32	0°♋	
morning max el	-11486 Nov 02 j 04:10	6°♋26'25	46°15'02
	-11486 Nov 24 j 17:21	0°♌	
	-11486 Dec 21 j 16:06	0°♍	
	-11485 Jan 16 j 18:21	0°♎	
desc. node	-11485 Jan 26 j 11:00	11°♎19'07	
	-11485 Feb 11 j 06:49	0°♏	
	-11485 Mar 08 j 06:52	0°♐	
	-11485 Apr 01 j 19:46	0°♑	
	-11485 Apr 25 j 23:47	0°♒	
morning set	-11485 Apr 28 j 02:41	2°♒38'59	
asc. node	-11485 May 17 j 13:42	27°♒03'46	
	-11485 May 19 j 21:43	0°♓	
max. Earth dist.	-11485 Jun 02 j 08:46	16°♓58'04	1.71045 AU
superior conj	-11485 Jun 04 j 03:34	19°♓13'09	0°39'23
minimum elong	-11485 Jun 03 j 19:48	18°♓48'39	0°38'54
	-11485 Jun 12 j 16:26	0°♈	
	-11485 Jul 06 j 10:38	0°♉	
evening rise	-11485 Jul 13 j 13:46	8°♉59'29	
	-11485 Jul 30 j 06:46	0°♊	
	-11485 Aug 23 j 06:53	0°♋	
desc. node	-11485 Sep 07 j 21:15	19°♋20'56	
	-11485 Sep 16 j 12:25	0°♌	
	-11485 Oct 11 j 00:35	0°♍	
	-11485 Nov 04 j 21:58	0°♎	
	-11485 Nov 30 j 11:46	0°♏	
	-11485 Dec 27 j 12:18	0°♐	
asc. node	-11485 Dec 28 j 07:31	0°♐50'53	
evening max el	-11484 Jan 15 j 10:49	19°♐07'37	44°51'23
	-11484 Jan 27 j 14:44	0°♑	
greatest brilliancy	-11484 Feb 22 j 06:38	16°♑02'00	-4.7m
retrograde	-11484 Mar 03 j 10:45	17°♑51'14	
evening set	-11484 Mar 19 j 14:01	13°♑01'49	
inferior conj	-11484 Mar 24 j 15:49	10°♑03'50	5°33'15
minimum elong	-11484 Mar 25 j 01:05	9°♑49'52	5°30'41
min. Earth dist.	-11484 Mar 25 j 23:52	9°♑15'31	0.28250 AU
morning rise	-11484 Mar 30 j 11:18	6°♑39'39	
direct	-11484 Apr 15 j 08:17	1°♑55'23	
desc. node	-11484 Apr 19 j 21:00	2°♑18'45	
greatest brilliancy	-11484 Apr 27 j 02:17	4°♑24'06	-4.8m
	-11484 May 31 j 14:43	0°♒	
morning max el	-11484 Jun 04 j 14:27	3°♒55'40	46°35'42
	-11484 Jun 28 j 21:25	0°♓	
	-11484 Jul 24 j 13:25	0°♈	
asc. node	-11484 Aug 09 j 04:27	18°♈55'18	
	-11484 Aug 18 j 05:22	0°♉	
	-11484 Sep 11 j 12:27	0°♊	
	-11484 Oct 05 j 18:46	0°♋	
	-11484 Oct 30 j 04:13	0°♌	
	-11484 Nov 23 j 17:05	0°♍	
desc. node	-11484 Nov 30 j 09:48	8°♍10'12	
morning set	-11484 Dec 11 j 00:15	21°♍06'04	
	-11484 Dec 18 j 07:15	0°♎	
	-11483 Jan 11 j 20:06	0°♏	
max. Earth dist.	-11483 Jan 14 j 19:29	3°♏38'43	1.73817 AU
superior conj	-11483 Jan 17 j 13:40	7°♏01'40	-1°18'34
minimum elong	-11483 Jan 17 j 10:01	6°♏50'30	1°18'53
	-11483 Feb 05 j 06:19	0°♐	
evening rise	-11483 Feb 21 j 20:17	20°♐26'10	
	-11483 Mar 01 j 14:20	0°♑	
asc. node	-11483 Mar 21 j 14:11	24°♑40'42	
	-11483 Mar 25 j 21:41	0°♒	
	-11483 Apr 19 j 05:54	0°♓	
	-11483 May 13 j 16:19	0°♈	
	-11483 Jun 07 j 07:00	0°♉	
	-11483 Jul 02 j 06:26	0°♊	
desc. node	-11483 Jul 13 j 01:39	12°♊44'14	
	-11483 Jul 28 j 00:25	0°♋	
evening max el	-11483 Aug 23 j 17:16	29°♋01'15	47°20'19
	-11483 Aug 24 j 16:22	0°♌	
	-11483 Oct 01 j 08:47	0°♍	
greatest brilliancy	-11483 Oct 03 j 00:26	0°♍41'19	-4.9m
retrograde	-11483 Oct 13 j 17:48	2°♍53'54	
	-11483 Oct 25 j 10:56	30°℞♌	
evening set	-11483 Oct 28 j 14:22	28°♌20'10	
asc. node	-11483 Nov 01 j 13:16	25°♌55'12	
min. Earth dist.	-11483 Nov 03 j 04:02	24°♌52'50	0.28368 AU
inferior conj	-11483 Nov 03 j 18:29	24°♌29'27	0°31'19
minimum elong	-11483 Nov 03 j 17:23	24°♌31'13	0°31'25
morning rise	-11483 Nov 09 j 21:22	20°♌42'42	
direct	-11483 Nov 24 j 19:47	16°♌14'17	
greatest brilliancy	-11483 Dec 03 j 18:48	17°♌44'46	-4.8m
	-11483 Dec 25 j 00:20	0°♍	
morning max el	-11482 Jan 12 j 15:35	16°♍12'26	45°59'19
	-11482 Jan 26 j 14:24	0°♎	
desc. node	-11482 Feb 22 j 23:57	29°♎24'19	
	-11482 Feb 23 j 12:45	0°♏	
	-11482 Mar 21 j 18:12	0°♐	
	-11482 Apr 15 j 23:09	0°♑	
	-11482 May 10 j 11:28	0°♒	
	-11482 Jun 03 j 12:45	0°♓	
asc. node	-11482 Jun 14 j 03:24	13°♓21'13	
greatest brilliancy	-11482 Jun 17 j 08:10	17°♓23'17	-3.9m
	-11482 Jun 27 j 07:40	0°♈	
morning set	-11482 Jul 08 j 19:44	14°♈33'53	
	-11482 Jul 21 j 00:15	0°♉	
	-11482 Aug 13 j 18:01	0°♊	
superior conj	-11482 Aug 19 j 06:18	6°♊56'21	1°19'54
minimum elong	-11482 Aug 19 j 12:38	7°♊16'17	1°20'23
max. Earth dist.	-11482 Aug 26 j 10:09	15°♊56'14	1.71170 AU
	-11482 Sep 06 j 15:32	0°♋	
	-11482 Sep 30 j 17:58	0°♌	
evening rise	-11482 Oct 01 j 18:46	1°♌16'52	
desc. node	-11482 Oct 05 j 09:22	5°♌45'00	
	-11482 Oct 25 j 01:03	0°♍	
	-11482 Nov 18 j 12:10	0°♎	
	-11482 Dec 13 j 04:02	0°♏	
	-11481 Jan 07 j 04:02	0°♐	
asc. node	-11481 Jan 24 j 17:54	20°♐41'20	
	-11481 Feb 01 j 18:47	0°♑	
	-11481 Feb 28 j 11:56	0°♒	
evening max el	-11481 Mar 29 j 08:54	29°♒48'18	46°01'32
	-11481 Mar 29 j 13:47	0°♓	
greatest brilliancy	-11481 May 08 j 02:36	28°♓34'26	-4.8m
	-11481 May 13 j 22:03	0°♈	
retrograde	-11481 May 17 j 21:27	0°♈17'46	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

desc. node	-11481 May 18 j 07:47	0°♈17'34	
	-11481 May 21 j 19:12	30°℞♓	
evening set	-11481 Jun 01 j 16:03	26°♓10'38	
inferior conj	-11481 Jun 07 j 16:01	22°♓45'49	-4°45'46
minimum elong	-11481 Jun 07 j 06:39	22°♓59'42	4°43'27
min. Earth dist.	-11481 Jun 07 j 10:58	22°♓53'18	0.26468 AU
morning rise	-11481 Jun 12 j 21:02	19°♓46'11	
direct	-11481 Jun 28 j 04:36	15°♓17'02	
greatest brilliancy	-11481 Jul 08 j 23:10	17°♓27'00	-4.9m
	-11481 Jul 28 j 21:29	0°♈	
morning max el	-11481 Aug 17 j 18:18	18°♈31'49	46°38'57
	-11481 Aug 28 j 15:14	0°♉	
asc. node	-11481 Sep 06 j 16:55	10°♉00'19	
	-11481 Sep 24 j 04:03	0°♊	
	-11481 Oct 19 j 14:24	0°♋	
	-11481 Nov 13 j 17:30	0°♌	
	-11481 Dec 08 j 19:03	0°♍	
desc. node	-11481 Dec 28 j 23:33	24°♍13'28	
	-11480 Jan 02 j 18:47	0°♎	
	-11480 Jan 27 j 14:19	0°♏	
morning set	-11480 Feb 18 j 10:38	26°♏39'53	
	-11480 Feb 21 j 03:52	0°♐	
	-11480 Mar 16 j 11:29	0°♑	
max. Earth dist.	-11480 Mar 19 j 19:48	4°♑08'57	1.72798 AU
superior conj	-11480 Mar 24 j 10:51	9°♑53'36	-0°52'27
minimum elong	-11480 Mar 24 j 18:28	10°♑17'16	0°52'48
	-11480 Apr 09 j 14:32	0°♒	
asc. node	-11480 Apr 18 j 02:45	10°♒37'12	
evening rise	-11480 Apr 29 j 01:34	24°♒18'14	
	-11480 May 03 j 14:53	0°♓	
	-11480 May 27 j 14:16	0°♈	
	-11480 Jun 20 j 14:33	0°♉	
	-11480 Jul 14 j 17:58	0°♊	
	-11480 Aug 08 j 03:20	0°♋	
desc. node	-11480 Aug 09 j 12:11	1°♋40'19	
	-11480 Sep 01 j 22:32	0°♌	
	-11480 Sep 27 j 11:15	0°♍	
	-11480 Oct 24 j 14:54	0°♎	
evening max el	-11480 Nov 02 j 03:02	8°♎40'30	45°34'53
	-11480 Nov 26 j 17:19	0°♏	
asc. node	-11480 Nov 28 j 23:45	1°♏32'17	
greatest brilliancy	-11480 Dec 09 j 21:15	7°♏21'24	-4.7m
retrograde	-11480 Dec 21 j 02:20	9°♏40'12	
evening set	-11479 Jan 07 j 01:28	4°♏08'11	
inferior conj	-11479 Jan 11 j 13:17	1°♏20'14	7°34'29
minimum elong	-11479 Jan 11 j 07:20	1°♏29'44	7°33'35
min. Earth dist.	-11479 Jan 11 j 18:15	1°♏12'19	0.29595 AU
	-11479 Jan 13 j 15:44	30°℞♎	
morning rise	-11479 Jan 15 j 13:07	28°♎49'30	
direct	-11479 Feb 02 j 11:39	22°♎46'35	
greatest brilliancy	-11479 Feb 12 j 07:58	24°♎30'08	-4.7m
	-11479 Feb 23 j 16:32	0°♏	
desc. node	-11479 Mar 22 j 11:58	21°♏37'14	
morning max el	-11479 Mar 23 j 13:44	22°♏38'38	46°10'11
	-11479 Mar 31 j 01:16	0°♐	
	-11479 Apr 27 j 22:56	0°♑	
	-11479 May 23 j 17:05	0°♒	
	-11479 Jun 17 j 09:40	0°♓	
asc. node	-11479 Jul 11 j 17:09	0°♈14'50	
	-11479 Jul 11 j 12:25	0°♈	
	-11479 Aug 04 j 08:50	0°♉	
	-11479 Aug 28 j 04:31	0°♊	
	-11479 Sep 21 j 03:17	0°♋	
morning set	-11479 Sep 24 j 18:30	4°♋31'58	
	-11479 Oct 15 j 06:46	0°♌	
desc. node	-11479 Nov 01 j 22:24	21°♌47'27	
superior conj	-11479 Nov 05 j 16:32	26°♌24'52	-0°08'28
minimum elong	-11479 Nov 05 j 14:32	26°♌18'43	0°08'00
behind sun begin	-11479 Nov 04 j 15:56	25°♌09'09	
behind sun end	-11479 Nov 06 j 13:08	27°♌28'16	
	-11479 Nov 08 j 14:29	0°♍	
max. Earth dist.	-11479 Nov 08 j 23:00	0°♍26'13	1.73093 AU
	-11479 Dec 03 j 00:39	0°♎	
evening rise	-11479 Dec 14 j 20:44	14°♎31'02	
	-11479 Dec 27 j 11:48	0°♏	
	-11478 Jan 21 j 00:07	0°♐	
	-11478 Feb 14 j 15:26	0°♑	
asc. node	-11478 Feb 21 j 04:45	7°♑56'23	
	-11478 Mar 11 j 12:26	0°♒	
	-11478 Apr 05 j 17:59	0°♓	
	-11478 May 01 j 13:00	0°♈	
	-11478 May 28 j 11:23	0°♉	
evening max el	-11478 Jun 10 j 22:22	14°♉01'08	47°42'50
desc. node	-11478 Jun 14 j 17:50	17°♉48'10	
	-11478 Jun 27 j 22:54	0°♊	
greatest brilliancy	-11478 Jul 22 j 17:02	15°♊52'13	-4.9m
retrograde	-11478 Jul 31 j 23:25	17°♊32'05	
evening set	-11478 Aug 18 j 12:10	11°♊31'57	
min. Earth dist.	-11478 Aug 21 j 04:16	9°♊53'06	0.26907 AU
inferior conj	-11478 Aug 21 j 18:19	9°♊31'09	-8°16'05
minimum elong	-11478 Aug 22 j 01:04	9°♊20'36	8°14'45
morning rise	-11478 Aug 25 j 14:08	7°♊10'29	
direct	-11478 Sep 10 j 22:29	1°♊49'27	
greatest brilliancy	-11478 Sep 20 j 13:49	3°♊36'47	-4.9m
asc. node	-11478 Oct 04 j 04:36	10°♊57'25	
	-11478 Oct 26 j 14:13	0°♋	
morning max el	-11478 Oct 30 j 18:54	4°♋06'24	46°16'03
	-11478 Nov 24 j 10:30	0°♌	
	-11478 Dec 21 j 06:18	0°♍	
	-11477 Jan 16 j 07:05	0°♎	
desc. node	-11477 Jan 25 j 13:03	10°♎48'52	
	-11477 Feb 10 j 18:44	0°♏	
	-11477 Mar 07 j 18:20	0°♐	
	-11477 Apr 01 j 07:00	0°♑	
	-11477 Apr 25 j 10:56	0°♒	
morning set	-11477 Apr 25 j 20:41	0°♒30'26	
asc. node	-11477 May 16 j 15:58	26°♒35'42	
	-11477 May 19 j 08:55	0°♓	
max. Earth dist.	-11477 May 30 j 19:17	14°♓24'22	1.71088 AU
superior conj	-11477 Jun 01 j 18:12	16°♓52'23	0°36'19
minimum elong	-11477 Jun 01 j 10:58	16°♓29'34	0°35'48
	-11477 Jun 12 j 03:43	0°♈	
	-11477 Jul 05 j 22:02	0°♉	
evening rise	-11477 Jul 11 j 00:01	6°♉24'32	
	-11477 Jul 29 j 18:17	0°♊	
	-11477 Aug 22 j 18:33	0°♋	
desc. node	-11477 Sep 06 j 23:25	18°♋51'08	
	-11477 Sep 16 j 00:17	0°♌	
	-11477 Oct 10 j 12:46	0°♍	
	-11477 Nov 04 j 10:48	0°♎	
	-11477 Nov 30 j 01:56	0°♏	
asc. node	-11477 Dec 27 j 09:51	0°♐10'24	
	-11477 Dec 27 j 05:54	0°♐	
evening max el	-11476 Jan 13 j 02:40	16°♐57'09	44°50'57
	-11476 Jan 27 j 22:25	0°♑	
greatest brilliancy	-11476 Feb 19 j 20:15	13°♑49'08	-4.7m
retrograde	-11476 Mar 01 j 01:34	15°♑38'54	
evening set	-11476 Mar 17 j 07:26	10°♑45'34	
inferior conj	-11476 Mar 22 j 06:45	7°♑50'19	5°47'27
minimum elong	-11476 Mar 22 j 16:01	7°♑36'17	5°44'57
min. Earth dist.	-11476 Mar 23 j 14:30	7°♑02'17	0.28332 AU
morning rise	-11476 Mar 27 j 23:51	4°♑28'52	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11476 Apr 08 j 22:53	30°℞♐	
direct	-11476 Apr 13 j 00:34	29°♐40'31	
	-11476 Apr 17 j 03:50	0°♑	
desc. node	-11476 Apr 18 j 23:21	0°♑20'22	
greatest brilliancy	-11476 Apr 24 j 16:27	2°♑07'09	-4.8m
	-11476 May 31 j 14:38	0°♒	
morning max el	-11476 Jun 02 j 05:54	1°♒37'31	46°34'51
	-11476 Jun 28 j 14:13	0°♓	
	-11476 Jul 24 j 03:47	0°♈	
asc. node	-11476 Aug 08 j 06:31	18°♈20'19	
	-11476 Aug 17 j 18:33	0°♉	
	-11476 Sep 11 j 00:55	0°♊	
	-11476 Oct 05 j 06:47	0°♋	
	-11476 Oct 29 j 15:53	0°♌	
	-11476 Nov 23 j 04:30	0°♍	
desc. node	-11476 Nov 29 j 11:53	7°♍41'59	
morning set	-11476 Dec 08 j 15:27	18°♍51'40	
	-11476 Dec 17 j 18:27	0°♎	
	-11475 Jan 11 j 07:10	0°♏	
max. Earth dist.	-11475 Jan 12 j 18:38	1°♏48'40	1.73820 AU
superior conj	-11475 Jan 15 j 08:25	4°♏58'05	-1°17'51
minimum elong	-11475 Jan 15 j 04:13	4°♏45'13	1°18'08
	-11475 Feb 04 j 17:20	0°♐	
evening rise	-11475 Feb 19 j 16:25	18°♐26'05	
	-11475 Mar 01 j 01:28	0°♑	
asc. node	-11475 Mar 20 j 16:31	24°♑12'53	
	-11475 Mar 25 j 09:05	0°♒	
	-11475 Apr 18 j 17:45	0°♓	
	-11475 May 13 j 04:45	0°♈	
	-11475 Jun 06 j 20:14	0°♉	
	-11475 Jul 01 j 20:51	0°♊	
desc. node	-11475 Jul 12 j 03:49	12°♊06'10	
	-11475 Jul 27 j 17:07	0°♋	
evening max el	-11475 Aug 21 j 09:43	26°♋44'29	47°23'22
	-11475 Aug 24 j 15:10	0°♌	
greatest brilliancy	-11475 Sep 30 j 18:41	28°♌27'31	-4.9m
	-11475 Oct 05 j 18:51	0°♍	
retrograde	-11475 Oct 11 j 10:37	0°♍38'25	
	-11475 Oct 16 j 22:25	30°℞♌	
evening set	-11475 Oct 26 j 07:32	26°♌04'33	
asc. node	-11475 Oct 31 j 15:35	22°♌45'52	
inferior conj	-11475 Nov 01 j 10:55	22°♌14'32	0°11'25
minimum elong	-11475 Nov 01 j 10:31	22°♌15'12	0°11'44
transit middle	-11475 Nov 01 j 10:31	22°♌15'12	0°11'44
transit begin	-11475 Nov 01 j 07:42	22°♌19'45	
transit end	-11475 Nov 01 j 13:19	22°♌10'39	
min. Earth dist.	-11475 Oct 31 j 20:24	22°♌38'03	0.28305 AU
morning rise	-11475 Nov 07 j 14:29	18°♌26'47	
direct	-11475 Nov 22 j 11:42	14°♌00'44	
greatest brilliancy	-11475 Dec 01 j 10:17	15°♌30'55	-4.8m
	-11475 Dec 25 j 11:02	0°♍	
morning max el	-11474 Jan 10 j 07:02	14°♍00'41	45°59'24
	-11474 Jan 26 j 08:56	0°♎	
desc. node	-11474 Feb 22 j 02:03	28°♎49'15	
	-11474 Feb 23 j 03:22	0°♏	
	-11474 Mar 21 j 07:09	0°♐	
	-11474 Apr 15 j 11:16	0°♑	
	-11474 May 09 j 23:09	0°♒	
	-11474 Jun 03 j 00:16	0°♓	
asc. node	-11474 Jun 13 j 05:33	12°♓51'47	
greatest brilliancy	-11474 Jun 17 j 03:26	17°♓47'54	-3.9m
	-11474 Jun 26 j 19:08	0°♈	
morning set	-11474 Jul 06 j 07:11	12°♈01'51	
	-11474 Jul 20 j 11:44	0°♉	
	-11474 Aug 13 j 05:31	0°♊	
superior conj	-11474 Aug 16 j 14:46	4°♊15'48	1°20'55
minimum elong	-11474 Aug 16 j 20:03	4°♊32'27	1°21'25
max. Earth dist.	-11474 Aug 23 j 14:55	13°♊04'24	1.71113 AU
	-11474 Sep 06 j 03:03	0°♋	
evening rise	-11474 Sep 29 j 02:59	28°♋37'53	
	-11474 Sep 30 j 05:29	0°♌	
desc. node	-11474 Oct 04 j 11:41	5°♌16'33	
	-11474 Oct 24 j 12:34	0°♍	
	-11474 Nov 17 j 23:47	0°♎	
	-11474 Dec 12 j 15:59	0°♏	
	-11473 Jan 06 j 16:40	0°♐	
asc. node	-11473 Jan 23 j 20:05	20°♐08'26	
	-11473 Feb 01 j 08:48	0°♑	
	-11473 Feb 28 j 04:52	0°♒	
evening max el	-11473 Mar 26 j 21:11	27°♒24'14	45°57'48
	-11473 Mar 29 j 14:57	0°♓	
greatest brilliancy	-11473 May 05 j 14:33	26°♓06'55	-4.8m
retrograde	-11473 May 15 j 08:26	27°♓49'41	
desc. node	-11473 May 17 j 09:57	27°♓44'46	
evening set	-11473 May 30 j 01:37	23°♓45'33	
inferior conj	-11473 Jun 05 j 03:54	20°♓18'14	-4°25'11
minimum elong	-11473 Jun 04 j 18:59	20°♓31'27	4°22'56
min. Earth dist.	-11473 Jun 05 j 00:41	20°♓22'59	0.26492 AU
morning rise	-11473 Jun 10 j 11:58	17°♓14'23	
direct	-11473 Jun 25 j 16:34	12°♓48'35	
greatest brilliancy	-11473 Jul 06 j 14:03	15°♓00'39	-4.9m
	-11473 Jul 29 j 09:20	0°♈	
morning max el	-11473 Aug 15 j 06:01	15°♈59'29	46°39'21
	-11473 Aug 28 j 10:51	0°♉	
asc. node	-11473 Sep 05 j 19:14	9°♉16'33	
	-11473 Sep 23 j 19:40	0°♊	
	-11473 Oct 19 j 04:15	0°♋	
	-11473 Nov 13 j 06:19	0°♌	
	-11473 Dec 08 j 07:10	0°♍	
desc. node	-11473 Dec 28 j 01:37	23°♍44'32	
	-11472 Jan 02 j 06:24	0°♎	
	-11472 Jan 27 j 01:36	0°♏	
morning set	-11472 Feb 16 j 05:45	24°♏37'12	
	-11472 Feb 20 j 14:59	0°♐	
	-11472 Mar 15 j 22:33	0°♑	
max. Earth dist.	-11472 Mar 17 j 16:18	2°♑09'22	1.72853 AU
superior conj	-11472 Mar 22 j 06:30	7°♑51'13	-0°54'38
minimum elong	-11472 Mar 22 j 14:11	8°♑15'03	0°55'00
	-11472 Apr 09 j 01:40	0°♒	
asc. node	-11472 Apr 17 j 05:02	10°♒09'29	
evening rise	-11472 Apr 26 j 19:45	22°♒10'00	
	-11472 May 03 j 02:09	0°♓	
	-11472 May 27 j 01:46	0°♈	
	-11472 Jun 20 j 02:21	0°♉	
	-11472 Jul 14 j 06:09	0°♊	
	-11472 Aug 07 j 16:02	0°♋	
desc. node	-11472 Aug 08 j 14:23	1°♋08'11	
	-11472 Sep 01 j 12:03	0°♌	
	-11472 Sep 27 j 02:23	0°♍	
	-11472 Oct 24 j 10:17	0°♎	
evening max el	-11472 Oct 30 j 18:20	6°♎25'39	45°38'13
	-11472 Nov 27 j 14:53	0°♏	
asc. node	-11472 Nov 28 j 02:00	0°♏17'38	
greatest brilliancy	-11472 Dec 07 j 13:58	5°♏13'42	-4.7m
retrograde	-11472 Dec 18 j 20:15	7°♏34'08	
evening set	-11471 Jan 04 j 16:41	2°♏04'37	
	-11471 Jan 08 j 01:26	30°℞♎	
inferior conj	-11471 Jan 09 j 06:47	29°♎13'17	7°27'49
minimum elong	-11471 Jan 09 j 00:23	29°♎23'30	7°26'51
min. Earth dist.	-11471 Jan 09 j 10:28	29°♎07'24	0.29589 AU
morning rise	-11471 Jan 13 j 08:03	26°♎40'29	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

direct	-11471 Jan 31 j 04:27	20°♎39'31	
greatest brilliancy	-11471 Feb 09 j 23:48	22°♎22'28	-4.7m
	-11471 Feb 24 j 16:27	0°♏	
morning max el	-11471 Mar 21 j 06:33	20°♏30'17	46°09'29
desc. node	-11471 Mar 21 j 14:18	20°♏48'49	
	-11471 Mar 30 j 21:00	0°♐	
	-11471 Apr 27 j 14:03	0°♑	
	-11471 May 23 j 06:25	0°♒	
	-11471 Jun 16 j 22:07	0°♓	
asc. node	-11471 Jul 10 j 19:16	29°♓44'00	
	-11471 Jul 11 j 00:23	0°♈	
	-11471 Aug 03 j 20:33	0°♉	
	-11471 Aug 27 j 16:05	0°♊	
	-11471 Sep 20 j 14:43	0°♋	
morning set	-11471 Sep 22 j 04:22	1°♋57'28	
	-11471 Oct 14 j 18:06	0°♌	
desc. node	-11471 Nov 01 j 00:29	21°♌19'09	
superior conj	-11471 Nov 03 j 04:30	23°♌59'21	-0°04'55
minimum elong	-11471 Nov 03 j 03:23	23°♌55'52	0°04'26
behind sun begin	-11471 Nov 02 j 02:19	22°♌38'42	
behind sun end	-11471 Nov 04 j 04:26	25°♌13'02	
max. Earth dist.	-11471 Nov 06 j 14:39	28°♌12'08	1.73040 AU
	-11471 Nov 08 j 01:43	0°♍	
	-11471 Dec 02 j 11:50	0°♎	
evening rise	-11471 Dec 12 j 13:19	12°♎20'31	
	-11471 Dec 26 j 23:01	0°♏	
	-11470 Jan 20 j 11:30	0°♐	
	-11470 Feb 14 j 03:13	0°♑	
asc. node	-11470 Feb 20 j 07:07	7°♑27'25	
	-11470 Mar 11 j 00:56	0°♒	
	-11470 Apr 05 j 07:40	0°♓	
	-11470 May 01 j 04:41	0°♈	
	-11470 May 28 j 07:17	0°♉	
evening max el	-11470 Jun 08 j 12:46	11°♉37'27	47°40'55
desc. node	-11470 Jun 13 j 20:03	16°♉51'10	
	-11470 Jun 28 j 10:47	0°♊	
greatest brilliancy	-11470 Jul 20 j 05:58	13°♊23'07	-4.9m
retrograde	-11470 Jul 29 j 13:20	15°♊03'39	
evening set	-11470 Aug 16 j 03:32	9°♊00'41	
min. Earth dist.	-11470 Aug 18 j 16:46	7°♊26'27	0.26873 AU
inferior conj	-11470 Aug 19 j 07:31	7°♊03'29	-8°23'47
minimum elong	-11470 Aug 19 j 13:38	6°♊54'00	8°22'37
morning rise	-11470 Aug 22 j 23:54	4°♊48'29	
	-11470 Sep 03 j 01:52	30°℞♉	
direct	-11470 Sep 08 j 11:50	29°♉22'50	
	-11470 Sep 14 j 01:19	0°♊	
greatest brilliancy	-11470 Sep 18 j 02:45	1°♊10'19	-4.9m
asc. node	-11470 Oct 03 j 06:54	9°♊37'28	
	-11470 Oct 26 j 14:34	0°♋	
morning max el	-11470 Oct 28 j 09:56	1°♋47'12	46°16'52
	-11470 Nov 24 j 03:19	0°♌	
	-11470 Dec 20 j 20:24	0°♍	
	-11469 Jan 15 j 19:49	0°♎	
desc. node	-11469 Jan 24 j 15:12	10°♎18'50	
	-11469 Feb 10 j 06:40	0°♏	
	-11469 Mar 07 j 05:46	0°♐	
	-11469 Mar 31 j 18:10	0°♑	
morning set	-11469 Apr 23 j 14:47	28°♑22'33	
	-11469 Apr 24 j 22:01	0°♒	
asc. node	-11469 May 15 j 18:03	26°♒07'22	
	-11469 May 18 j 20:01	0°♓	
max. Earth dist.	-11469 May 28 j 04:07	11°♓45'46	1.71134 AU
superior conj	-11469 May 30 j 09:11	14°♓33'03	0°33'12
minimum elong	-11469 May 30 j 02:31	14°♓12'02	0°32'41
	-11469 Jun 11 j 14:56	0°♈	
	-11469 Jul 05 j 09:21	0°♉	
evening rise	-11469 Jul 08 j 10:44	3°♉51'17	
	-11469 Jul 29 j 05:43	0°♊	
	-11469 Aug 22 j 06:06	0°♋	
desc. node	-11469 Sep 06 j 01:46	18°♋22'18	
	-11469 Sep 15 j 12:02	0°♌	
	-11469 Oct 10 j 00:51	0°♍	
	-11469 Nov 03 j 23:33	0°♎	
	-11469 Nov 29 j 16:09	0°♏	
asc. node	-11469 Dec 26 j 12:02	29°♏29'13	
	-11469 Dec 26 j 23:50	0°♐	
evening max el	-11468 Jan 10 j 18:20	14°♐46'11	44°50'30
	-11468 Jan 28 j 08:54	0°♑	
greatest brilliancy	-11468 Feb 17 j 10:36	11°♑37'11	-4.7m
retrograde	-11468 Feb 27 j 15:51	13°♑26'50	
evening set	-11468 Mar 15 j 00:54	8°♑29'44	
inferior conj	-11468 Mar 19 j 21:45	5°♑37'21	6°00'59
minimum elong	-11468 Mar 20 j 06:58	5°♑23'20	5°58'34
min. Earth dist.	-11468 Mar 21 j 05:28	4°♑49'10	0.28408 AU
morning rise	-11468 Mar 25 j 12:20	2°♑18'39	
	-11468 Mar 30 j 03:49	30°℞♐	
direct	-11468 Apr 10 j 16:28	27°♐26'17	
desc. node	-11468 Apr 18 j 01:29	28°♐26'40	
greatest brilliancy	-11468 Apr 22 j 06:47	29°♐50'54	-4.8m
	-11468 Apr 22 j 15:50	0°♑	
morning max el	-11468 May 30 j 20:21	29°♑17'34	46°34'00
	-11468 May 31 j 13:19	0°♒	
	-11468 Jun 28 j 06:31	0°♓	
	-11468 Jul 23 j 17:49	0°♈	
asc. node	-11468 Aug 07 j 08:46	17°♈46'39	
	-11468 Aug 17 j 07:27	0°♉	
	-11468 Sep 10 j 13:09	0°♊	
	-11468 Oct 04 j 18:34	0°♋	
	-11468 Oct 29 j 03:20	0°♌	
	-11468 Nov 22 j 15:40	0°♍	
desc. node	-11468 Nov 28 j 13:59	7°♍14'27	
morning set	-11468 Dec 06 j 06:34	16°♍37'41	
	-11468 Dec 17 j 05:26	0°♎	
max. Earth dist.	-11467 Jan 10 j 16:28	29°♎55'13	1.73826 AU
	-11467 Jan 10 j 18:02	0°♏	
superior conj	-11467 Jan 13 j 02:58	2°♏54'29	-1°17'02
minimum elong	-11467 Jan 12 j 22:15	2°♏40'02	1°17'17
	-11467 Feb 04 j 04:12	0°♐	
evening rise	-11467 Feb 17 j 12:17	16°♐25'37	
	-11467 Feb 28 j 12:27	0°♑	
asc. node	-11467 Mar 19 j 18:46	23°♑45'15	
	-11467 Mar 24 j 20:21	0°♒	
	-11467 Apr 18 j 05:25	0°♓	
	-11467 May 12 j 17:00	0°♈	
	-11467 Jun 06 j 09:17	0°♉	
	-11467 Jul 01 j 11:09	0°♊	
desc. node	-11467 Jul 11 j 06:05	11°♊28'54	
	-11467 Jul 27 j 09:48	0°♋	
evening max el	-11467 Aug 19 j 01:16	24°♋25'59	47°26'15
	-11467 Aug 24 j 14:36	0°♌	
greatest brilliancy	-11467 Sep 28 j 13:25	26°♌14'45	-4.9m
retrograde	-11467 Oct 09 j 03:00	28°♌23'24	
evening set	-11467 Oct 24 j 00:46	23°♌49'09	
min. Earth dist.	-11467 Oct 29 j 13:04	20°♌23'24	0.28242 AU
inferior conj	-11467 Oct 30 j 03:19	20°♌00'17	-0°08'33
minimum elong	-11467 Oct 30 j 03:35	19°♌59'50	0°08'02
transit middle	-11467 Oct 30 j 03:35	19°♌59'50	0°08'02
transit begin	-11467 Oct 30 j 00:06	20°♌05'29	
transit end	-11467 Oct 30 j 07:05	19°♌54'10	
asc. node	-11467 Oct 30 j 17:44	19°♌36'54	
morning rise	-11467 Nov 05 j 07:23	16°♌11'35	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

direct	-11467 Nov 20 j 02:58	11°♌47'44	
greatest brilliancy	-11467 Nov 29 j 02:11	13°♌18'09	-4.8m
	-11467 Dec 25 j 18:30	0°♍	
morning max el	-11466 Jan 07 j 21:46	11°♍48'03	45°59'31
	-11466 Jan 26 j 02:39	0°♎	
desc. node	-11466 Feb 21 j 04:22	28°♎15'51	
	-11466 Feb 22 j 17:31	0°♏	
	-11466 Mar 20 j 19:46	0°♐	
	-11466 Apr 14 j 23:07	0°♑	
	-11466 May 09 j 10:38	0°♒	
	-11466 Jun 02 j 11:33	0°♓	
asc. node	-11466 Jun 12 j 07:43	12°♓23'16	
greatest brilliancy	-11466 Jun 16 j 20:17	18°♓05'45	-3.9m
	-11466 Jun 26 j 06:19	0°♈	
morning set	-11466 Jul 03 j 18:47	9°♈31'10	
	-11466 Jul 19 j 22:53	0°♉	
	-11466 Aug 12 j 16:41	0°♊	
superior conj	-11466 Aug 13 j 23:20	1°♊36'33	1°21'44
minimum elong	-11466 Aug 14 j 03:33	1°♊49'50	1°22'15
max. Earth dist.	-11466 Aug 20 j 16:29	10°♊03'25	1.71060 AU
	-11466 Sep 05 j 14:15	0°♋	
evening rise	-11466 Sep 26 j 11:01	25°♋59'10	
	-11466 Sep 29 j 16:41	0°♌	
desc. node	-11466 Oct 03 j 13:45	4°♌48'13	
	-11466 Oct 23 j 23:48	0°♍	
	-11466 Nov 17 j 11:08	0°♎	
	-11466 Dec 12 j 03:38	0°♏	
	-11465 Jan 06 j 05:03	0°♐	
asc. node	-11465 Jan 22 j 22:28	19°♐37'00	
	-11465 Jan 31 j 22:38	0°♑	
	-11465 Feb 27 j 21:51	0°♒	
evening max el	-11465 Mar 24 j 09:14	25°♒00'23	45°54'00
	-11465 Mar 29 j 17:13	0°♓	
greatest brilliancy	-11465 May 03 j 02:00	23°♓39'08	-4.8m
retrograde	-11465 May 12 j 19:40	25°♓21'59	
desc. node	-11465 May 16 j 12:10	25°♓06'07	
evening set	-11465 May 27 j 11:10	21°♓20'11	
inferior conj	-11465 Jun 02 j 15:34	17°♓50'46	-4°03'57
minimum elong	-11465 Jun 02 j 07:08	18°♓03'13	4°01'49
min. Earth dist.	-11465 Jun 02 j 14:09	17°♓52'51	0.26519 AU
morning rise	-11465 Jun 08 j 02:39	14°♓43'05	
direct	-11465 Jun 23 j 04:32	10°♓20'07	
greatest brilliancy	-11465 Jul 04 j 04:44	12°♓34'37	-4.9m
	-11465 Jul 29 j 17:53	0°♈	
morning max el	-11465 Aug 12 j 18:36	13°♈30'12	46°39'53
	-11465 Aug 28 j 05:38	0°♉	
asc. node	-11465 Sep 04 j 21:33	8°♉34'19	
	-11465 Sep 23 j 10:45	0°♊	
	-11465 Oct 18 j 17:39	0°♋	
	-11465 Nov 12 j 18:44	0°♌	
	-11465 Dec 07 j 18:55	0°♍	
desc. node	-11465 Dec 27 j 03:46	23°♍16'48	
	-11464 Jan 01 j 17:41	0°♎	
	-11464 Jan 26 j 12:34	0°♏	
morning set	-11464 Feb 14 j 00:56	22°♏35'44	
	-11464 Feb 20 j 01:47	0°♐	
	-11464 Mar 15 j 09:20	0°♑	
max. Earth dist.	-11464 Mar 15 j 14:22	0°♑15'36	1.72910 AU
superior conj	-11464 Mar 20 j 02:14	5°♑50'01	-0°56'44
minimum elong	-11464 Mar 20 j 09:55	6°♑13'54	0°57'08
	-11464 Apr 08 j 12:33	0°♒	
asc. node	-11464 Apr 16 j 07:10	9°♒41'59	
evening rise	-11464 Apr 24 j 14:02	20°♒02'49	
	-11464 May 02 j 13:13	0°♓	
	-11464 May 26 j 13:05	0°♈	
	-11464 Jun 19 j 13:59	0°♉	
	-11464 Jul 13 j 18:09	0°♊	
	-11464 Aug 07 j 04:32	0°♋	
desc. node	-11464 Aug 07 j 16:43	0°♋37'08	
	-11464 Sep 01 j 01:23	0°♌	
	-11464 Sep 26 j 17:24	0°♍	
	-11464 Oct 24 j 05:53	0°♎	
evening max el	-11464 Oct 28 j 10:33	4°♎13'53	45°41'35
asc. node	-11464 Nov 27 j 04:20	29°♎01'44	
	-11464 Nov 28 j 20:16	0°♏	
greatest brilliancy	-11464 Dec 05 j 06:37	3°♏06'42	-4.7m
retrograde	-11464 Dec 16 j 14:32	5°♏28'44	
evening set	-11463 Jan 02 j 07:53	0°♏01'58	
	-11463 Jan 02 j 09:12	30°℞♎	
inferior conj	-11463 Jan 07 j 00:18	27°♎07'01	7°20'34
minimum elong	-11463 Jan 06 j 17:28	27°♎17'54	7°19'31
min. Earth dist.	-11463 Jan 07 j 02:27	27°♎03'35	0.29579 AU
morning rise	-11463 Jan 11 j 03:05	24°♎31'59	
direct	-11463 Jan 28 j 21:39	18°♎33'19	
greatest brilliancy	-11463 Feb 07 j 15:03	20°♎15'03	-4.7m
	-11463 Feb 25 j 09:44	0°♏	
morning max el	-11463 Mar 19 j 00:02	18°♏24'35	46°08'47
desc. node	-11463 Mar 20 j 16:22	20°♏01'28	
	-11463 Mar 30 j 15:51	0°♐	
	-11463 Apr 27 j 04:42	0°♑	
	-11463 May 22 j 19:25	0°♒	
	-11463 Jun 16 j 10:20	0°♓	
asc. node	-11463 Jul 09 j 21:33	29°♓14'06	
	-11463 Jul 10 j 12:11	0°♈	
	-11463 Aug 03 j 08:07	0°♉	
	-11463 Aug 27 j 03:30	0°♊	
morning set	-11463 Sep 19 j 14:01	29°♊22'38	
	-11463 Sep 20 j 01:59	0°♋	
	-11463 Oct 14 j 05:14	0°♌	
desc. node	-11463 Oct 31 j 02:36	20°♌51'34	
superior conj	-11463 Oct 31 j 16:08	21°♌33'15	-0°01'17
minimum elong	-11463 Oct 31 j 15:53	21°♌32'31	0°00'50
behind sun begin	-11463 Oct 30 j 13:58	20°♌12'38	
behind sun end	-11463 Nov 01 j 17:49	22°♌52'24	
max. Earth dist.	-11463 Nov 04 j 07:44	26°♌03'02	1.72985 AU
	-11463 Nov 07 j 12:45	0°♍	
	-11463 Dec 01 j 22:49	0°♎	
evening rise	-11463 Dec 10 j 05:50	10°♎10'18	
	-11463 Dec 26 j 10:04	0°♏	
	-11462 Jan 19 j 22:44	0°♐	
	-11462 Feb 13 j 14:51	0°♑	
asc. node	-11462 Feb 19 j 09:26	6°♑58'48	
	-11462 Mar 10 j 13:17	0°♒	
	-11462 Apr 04 j 21:14	0°♓	
	-11462 Apr 30 j 20:24	0°♈	
	-11462 May 28 j 03:38	0°♉	
evening max el	-11462 Jun 06 j 03:47	9°♉15'41	47°38'34
desc. node	-11462 Jun 12 j 22:20	15°♉53'23	
	-11462 Jun 29 j 02:30	0°♊	
greatest brilliancy	-11462 Jul 17 j 18:26	10°♊53'11	-4.9m
retrograde	-11462 Jul 27 j 03:01	12°♊34'09	
evening set	-11462 Aug 13 j 18:23	6°♊29'01	
min. Earth dist.	-11462 Aug 16 j 04:56	4°♊58'59	0.26839 AU
inferior conj	-11462 Aug 16 j 20:25	4°♊34'55	-8°30'40
minimum elong	-11462 Aug 17 j 01:48	4°♊26'33	8°29'40
morning rise	-11462 Aug 20 j 09:26	2°♊25'15	
	-11462 Aug 24 j 20:31	30°℞♉	
direct	-11462 Sep 06 j 01:07	26°♉55'31	
greatest brilliancy	-11462 Sep 15 j 15:13	28°♉42'34	-4.9m
	-11462 Sep 18 j 19:37	0°♊	
asc. node	-11462 Oct 02 j 09:01	8°♊19'26	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

morning max el	-11462 Oct 26 j 00:29	29°♊26'34	46°17'44
	-11462 Oct 26 j 13:52	0°♋	
	-11462 Nov 23 j 19:46	0°♌	
	-11462 Dec 20 j 10:17	0°♍	
	-11461 Jan 15 j 08:22	0°♎	
desc. node	-11461 Jan 23 j 17:25	9°♎49'23	
	-11461 Feb 09 j 18:27	0°♏	
	-11461 Mar 06 j 17:06	0°♐	
	-11461 Mar 31 j 05:15	0°♑	
morning set	-11461 Apr 21 j 09:16	26°♑16'12	
	-11461 Apr 24 j 09:00	0°♒	
asc. node	-11461 May 14 j 20:18	25°♒39'49	
	-11461 May 18 j 07:02	0°♓	
max. Earth dist.	-11461 May 25 j 12:14	9°♓05'20	1.71182 AU
superior conj	-11461 May 28 j 00:42	12°♓15'52	0°30'04
minimum elong	-11461 May 27 j 18:38	11°♓56'45	0°29'34
	-11461 Jun 11 j 02:03	0°♈	
	-11461 Jul 04 j 20:37	0°♉	
evening rise	-11461 Jul 05 j 21:55	1°♉19'44	
	-11461 Jul 28 j 17:08	0°♊	
	-11461 Aug 21 j 17:41	0°♋	
desc. node	-11461 Sep 05 j 03:51	17°♋52'33	
	-11461 Sep 14 j 23:50	0°♌	
	-11461 Oct 09 j 13:02	0°♍	
	-11461 Nov 03 j 12:25	0°♎	
	-11461 Nov 29 j 06:33	0°♏	
asc. node	-11461 Dec 25 j 14:26	28°♏48'04	
	-11461 Dec 26 j 18:13	0°♐	
evening max el	-11460 Jan 08 j 09:18	12°♐33'27	44°50'13
	-11460 Jan 28 j 22:54	0°♑	
greatest brilliancy	-11460 Feb 15 j 01:20	9°♑25'54	-4.7m
retrograde	-11460 Feb 25 j 05:57	11°♑15'27	
evening set	-11460 Mar 12 j 18:28	6°♑14'21	
inferior conj	-11460 Mar 17 j 12:56	3°♑24'59	6°13'48
minimum elong	-11460 Mar 17 j 22:02	3°♑11'06	6°11'30
min. Earth dist.	-11460 Mar 18 j 20:52	2°♑36'19	0.28483 AU
morning rise	-11460 Mar 23 j 00:52	0°♑09'12	
	-11460 Mar 23 j 07:30	30°℞♐	
direct	-11460 Apr 08 j 08:04	25°♐12'26	
desc. node	-11460 Apr 17 j 03:40	26°♐37'22	
greatest brilliancy	-11460 Apr 19 j 21:50	27°♐35'48	-4.8m
	-11460 Apr 25 j 01:56	0°♑	
morning max el	-11460 May 28 j 10:26	26°♑56'47	46°33'22
	-11460 May 31 j 11:09	0°♒	
	-11460 Jun 27 j 22:33	0°♓	
	-11460 Jul 23 j 07:43	0°♈	
asc. node	-11460 Aug 06 j 11:02	17°♈13'13	
	-11460 Aug 16 j 20:18	0°♉	
	-11460 Sep 10 j 01:24	0°♊	
	-11460 Oct 04 j 06:25	0°♋	
	-11460 Oct 28 j 14:54	0°♌	
	-11460 Nov 22 j 03:00	0°♍	
desc. node	-11460 Nov 27 j 16:12	6°♍46'53	
morning set	-11460 Dec 03 j 21:15	14°♍21'54	
	-11460 Dec 16 j 16:33	0°♎	
max. Earth dist.	-11459 Jan 08 j 13:05	27°♎57'39	1.73827 AU
	-11459 Jan 10 j 05:01	0°♏	
superior conj	-11459 Jan 10 j 21:16	0°♏49'49	-1°16'06
minimum elong	-11459 Jan 10 j 16:02	0°♏33'46	1°16'19
	-11459 Feb 03 j 15:10	0°♐	
evening rise	-11459 Feb 15 j 08:06	14°♐24'46	
greatest brilliancy	-11459 Feb 15 j 06:17	14°♐19'11	-3.9m
	-11459 Feb 27 j 23:35	0°♑	
asc. node	-11459 Mar 18 j 20:55	23°♑16'55	
	-11459 Mar 24 j 07:47	0°♒	
	-11459 Apr 17 j 17:17	0°♓	
	-11459 May 12 j 05:26	0°♈	
	-11459 Jun 05 j 22:31	0°♉	
	-11459 Jul 01 j 01:39	0°♊	
desc. node	-11459 Jul 10 j 08:24	10°♊51'23	
	-11459 Jul 27 j 02:52	0°♋	
evening max el	-11459 Aug 16 j 16:05	22°♋05'18	47°28'58
	-11459 Aug 24 j 15:12	0°♌	
greatest brilliancy	-11459 Sep 26 j 08:09	24°♌01'16	-4.9m
retrograde	-11459 Oct 06 j 19:08	26°♌07'51	
evening set	-11459 Oct 21 j 18:05	21°♌32'39	
min. Earth dist.	-11459 Oct 27 j 05:59	18°♌07'40	0.28184 AU
inferior conj	-11459 Oct 27 j 19:44	17°♌45'22	-0°28'40
minimum elong	-11459 Oct 27 j 20:42	17°♌43'48	0°27'55
asc. node	-11459 Oct 29 j 20:07	16°♌27'22	
morning rise	-11459 Nov 03 j 00:11	13°♌55'56	
direct	-11459 Nov 17 j 18:00	9°♌33'45	
greatest brilliancy	-11459 Nov 26 j 18:41	11°♌05'08	-4.8m
	-11459 Dec 26 j 00:09	0°♍	
morning max el	-11458 Jan 05 j 12:49	9°♍35'07	45°59'44
	-11458 Jan 25 j 20:17	0°♎	
desc. node	-11458 Feb 20 j 06:25	27°♎41'16	
	-11458 Feb 22 j 07:47	0°♏	
	-11458 Mar 20 j 08:32	0°♐	
	-11458 Apr 14 j 11:09	0°♑	
	-11458 May 08 j 22:17	0°♒	
	-11458 Jun 01 j 23:02	0°♓	
asc. node	-11458 Jun 11 j 09:58	11°♓54'21	
greatest brilliancy	-11458 Jun 16 j 11:01	18°♓16'14	-3.9m
	-11458 Jun 25 j 17:43	0°♈	
morning set	-11458 Jul 01 j 06:51	7°♈01'18	
	-11458 Jul 19 j 10:15	0°♉	
superior conj	-11458 Aug 11 j 08:24	28°♉58'04	1°22'22
minimum elong	-11458 Aug 11 j 11:32	29°♉07'57	1°22'53
	-11458 Aug 12 j 04:03	0°♊	
max. Earth dist.	-11458 Aug 17 j 16:30	6°♊56'53	1.71008 AU
	-11458 Sep 05 j 01:38	0°♋	
evening rise	-11458 Sep 23 j 19:20	23°♋20'39	
	-11458 Sep 29 j 04:05	0°♌	
desc. node	-11458 Oct 02 j 15:56	4°♌19'41	
	-11458 Oct 23 j 11:15	0°♍	
	-11458 Nov 16 j 22:44	0°♎	
	-11458 Dec 11 j 15:36	0°♏	
	-11457 Jan 05 j 17:47	0°♐	
asc. node	-11457 Jan 22 j 00:46	19°♐04'19	
	-11457 Jan 31 j 12:55	0°♑	
	-11457 Feb 27 j 15:29	0°♒	
evening max el	-11457 Mar 21 j 22:01	22°♒37'58	45°50'26
	-11457 Mar 29 j 21:20	0°♓	
greatest brilliancy	-11457 Apr 30 j 12:54	21°♓10'34	-4.8m
retrograde	-11457 May 10 j 07:30	22°♓54'10	
desc. node	-11457 May 15 j 14:30	22°♓21'19	
evening set	-11457 May 24 j 21:06	18°♓54'12	
inferior conj	-11457 May 31 j 03:18	15°♓22'53	-3°42'22
minimum elong	-11457 May 30 j 19:28	15°♓34'26	3°40'21
min. Earth dist.	-11457 May 31 j 03:25	15°♓22'43	0.26551 AU
morning rise	-11457 Jun 05 j 17:19	12°♓11'40	
direct	-11457 Jun 20 j 17:14	7°♓51'11	
greatest brilliancy	-11457 Jul 01 j 19:11	10°♓07'44	-4.9m
	-11457 Jul 30 j 00:24	0°♈	
morning max el	-11457 Aug 10 j 08:18	11°♈03'03	46°40'28
	-11457 Aug 28 j 00:15	0°♉	
asc. node	-11457 Sep 03 j 23:36	7°♉51'02	
	-11457 Sep 23 j 01:54	0°♊	
	-11457 Oct 18 j 07:11	0°♋	
	-11457 Nov 12 j 07:19	0°♌	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11457 Dec 07 j 06:53	0°♍	
desc. node	-11457 Dec 26 j 05:58	22°♍48'22	
	-11456 Jan 01 j 05:13	0°♎	
	-11456 Jan 25 j 23:49	0°♏	
morning set	-11456 Feb 11 j 20:02	20°♏33'05	
	-11456 Feb 19 j 12:54	0°♐	
max. Earth dist.	-11456 Mar 13 j 12:07	28°♐19'57	1.72962 AU
	-11456 Mar 14 j 20:25	0°♑	
superior conj	-11456 Mar 17 j 21:54	3°♑47'46	-0°58'47
minimum elong	-11456 Mar 18 j 05:35	4°♑11'35	0°59'11
	-11456 Apr 07 j 23:42	0°♒	
asc. node	-11456 Apr 15 j 09:26	9°♒14'04	
evening rise	-11456 Apr 22 j 08:21	17°♒54'59	
	-11456 May 02 j 00:33	0°♓	
	-11456 May 26 j 00:42	0°♈	
	-11456 Jun 19 j 01:56	0°♉	
	-11456 Jul 13 j 06:31	0°♊	
desc. node	-11456 Aug 06 j 18:52	0°♋04'25	
	-11456 Aug 06 j 17:24	0°♋	
	-11456 Aug 31 j 15:06	0°♌	
	-11456 Sep 26 j 08:53	0°♍	
	-11456 Oct 24 j 02:20	0°♎	
evening max el	-11456 Oct 26 j 03:31	2°♎03'18	45°45'01
asc. node	-11456 Nov 26 j 06:38	27°♎43'01	
	-11456 Nov 30 j 16:12	0°♏	
greatest brilliancy	-11456 Dec 02 j 23:35	0°♏59'38	-4.7m
retrograde	-11456 Dec 14 j 08:48	3°♏22'43	
	-11456 Dec 27 j 07:22	30°℞♎	
evening set	-11456 Dec 30 j 23:14	27°♎59'00	
inferior conj	-11455 Jan 04 j 17:55	25°♎00'17	7°12'52
minimum elong	-11455 Jan 04 j 10:44	25°♎11'46	7°11'43
min. Earth dist.	-11455 Jan 04 j 18:29	24°♎59'23	0.29566 AU
morning rise	-11455 Jan 08 j 22:19	22°♎22'44	
direct	-11455 Jan 26 j 15:18	16°♎26'48	
greatest brilliancy	-11455 Feb 05 j 06:06	18°♎06'46	-4.7m
	-11455 Feb 25 j 23:04	0°♏	
morning max el	-11455 Mar 16 j 17:29	16°♏18'06	46°07'58
desc. node	-11455 Mar 19 j 18:34	19°♏14'20	
	-11455 Mar 30 j 10:35	0°♐	
	-11455 Apr 26 j 19:31	0°♑	
	-11455 May 22 j 08:38	0°♒	
	-11455 Jun 15 j 22:45	0°♓	
asc. node	-11455 Jul 08 j 23:43	28°♓43'11	
	-11455 Jul 10 j 00:12	0°♈	
	-11455 Aug 02 j 19:55	0°♉	
	-11455 Aug 26 j 15:09	0°♊	
morning set	-11455 Sep 16 j 23:37	26°♊46'43	
	-11455 Sep 19 j 13:31	0°♋	
	-11455 Oct 13 j 16:38	0°♌	
superior conj	-11455 Oct 29 j 03:37	19°♌05'47	0°02'24
minimum elong	-11455 Oct 29 j 04:19	19°♌07'57	0°02'49
behind sun begin	-11455 Oct 28 j 02:28	17°♌48'14	
behind sun end	-11455 Oct 30 j 06:10	20°♌27'39	
desc. node	-11455 Oct 30 j 04:52	20°♌23'39	
max. Earth dist.	-11455 Nov 02 j 02:17	23°♌57'30	1.72925 AU
	-11455 Nov 07 j 00:02	0°♍	
	-11455 Dec 01 j 10:03	0°♎	
evening rise	-11455 Dec 07 j 22:23	7°♎59'31	
	-11455 Dec 25 j 21:19	0°♏	
	-11454 Jan 19 j 10:12	0°♐	
	-11454 Feb 13 j 02:46	0°♑	
asc. node	-11454 Feb 18 j 11:34	6°♑28'51	
	-11454 Mar 10 j 01:58	0°♒	
	-11454 Apr 04 j 11:12	0°♓	
	-11454 Apr 30 j 12:37	0°♈	
	-11454 May 28 j 00:53	0°♉	
evening max el	-11454 Jun 03 j 18:49	6°♉53'19	47°36'09
desc. node	-11454 Jun 12 j 00:36	14°♉53'39	
	-11454 Jun 29 j 23:42	0°♊	
greatest brilliancy	-11454 Jul 15 j 07:14	8°♊23'09	-4.9m
retrograde	-11454 Jul 24 j 16:23	10°♊03'54	
evening set	-11454 Aug 11 j 09:00	3°♊57'26	
min. Earth dist.	-11454 Aug 13 j 17:22	2°♊30'43	0.26805 AU
inferior conj	-11454 Aug 14 j 09:21	2°♊05'53	-8°36'38
minimum elong	-11454 Aug 14 j 13:59	1°♊58'42	8°35'45
morning rise	-11454 Aug 17 j 19:11	0°♊01'01	
	-11454 Aug 17 j 19:53	30°℞♉	
direct	-11454 Sep 03 j 14:18	24°♉27'46	
greatest brilliancy	-11454 Sep 13 j 04:03	26°♉14'26	-4.9m
	-11454 Sep 21 j 03:04	0°♊	
asc. node	-11454 Oct 01 j 11:25	7°♊03'40	
morning max el	-11454 Oct 23 j 14:21	27°♊03'20	46°18'33
	-11454 Oct 26 j 12:31	0°♋	
	-11454 Nov 23 j 12:11	0°♌	
	-11454 Dec 20 j 00:15	0°♍	
	-11453 Jan 14 j 21:03	0°♎	
desc. node	-11453 Jan 22 j 19:29	9°♎19'05	
	-11453 Feb 09 j 06:22	0°♏	
	-11453 Mar 06 j 04:34	0°♐	
	-11453 Mar 30 j 16:30	0°♑	
morning set	-11453 Apr 19 j 03:47	24°♑09'23	
	-11453 Apr 23 j 20:11	0°♒	
asc. node	-11453 May 13 j 22:34	25°♒11'40	
	-11453 May 17 j 18:15	0°♓	
max. Earth dist.	-11453 May 22 j 20:38	6°♓25'13	1.71236 AU
superior conj	-11453 May 25 j 16:18	9°♓58'19	0°26'55
minimum elong	-11453 May 25 j 10:51	9°♓41'09	0°26'24
	-11453 Jun 10 j 13:23	0°♈	
evening rise	-11453 Jul 03 j 09:12	28°♈47'57	
	-11453 Jul 04 j 08:04	0°♉	
	-11453 Jul 28 j 04:43	0°♊	
	-11453 Aug 21 j 05:27	0°♋	
desc. node	-11453 Sep 04 j 06:03	17°♋22'34	
	-11453 Sep 14 j 11:51	0°♌	
	-11453 Oct 09 j 01:26	0°♍	
	-11453 Nov 03 j 01:33	0°♎	
	-11453 Nov 28 j 21:16	0°♏	
asc. node	-11453 Dec 24 j 16:46	28°♏05'54	
	-11453 Dec 26 j 13:13	0°♐	
evening max el	-11452 Jan 05 j 23:32	10°♐18'46	44°50'10
	-11452 Jan 29 j 17:41	0°♑	
greatest brilliancy	-11452 Feb 12 j 15:56	7°♑14'44	-4.7m
retrograde	-11452 Feb 22 j 20:27	9°♑04'50	
evening set	-11452 Mar 10 j 12:09	3°♑59'29	
inferior conj	-11452 Mar 15 j 04:21	1°♑13'11	6°25'54
minimum elong	-11452 Mar 15 j 13:17	0°♑59'33	6°23'43
min. Earth dist.	-11452 Mar 16 j 12:32	0°♑24'04	0.28560 AU
	-11452 Mar 17 j 04:23	30°℞♐	
morning rise	-11452 Mar 20 j 13:38	28°♐00'37	
direct	-11452 Apr 05 j 23:34	22°♐59'02	
desc. node	-11452 Apr 16 j 06:01	24°♐52'30	
greatest brilliancy	-11452 Apr 17 j 13:36	25°♐22'00	-4.8m
	-11452 Apr 26 j 15:14	0°♑	
morning max el	-11452 May 26 j 00:47	24°♑36'35	46°32'35
	-11452 May 31 j 08:20	0°♒	
	-11452 Jun 27 j 14:29	0°♓	
	-11452 Jul 22 j 21:38	0°♈	
asc. node	-11452 Aug 05 j 13:08	16°♈38'59	
	-11452 Aug 16 j 09:12	0°♉	
	-11452 Sep 09 j 13:42	0°♊	
	-11452 Oct 03 j 18:19	0°♋	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11452 Oct 28 j 02:30	0°♌	
	-11452 Nov 21 j 14:21	0°♍	
desc. node	-11452 Nov 26 j 18:17	6°♍18'42	
morning set	-11452 Dec 01 j 11:43	12°♍05'07	
	-11452 Dec 16 j 03:43	0°♎	
max. Earth dist.	-11451 Jan 06 j 08:33	25°♎56'28	1.73826 AU
superior conj	-11451 Jan 08 j 15:33	28°♎44'56	-1°15'04
minimum elong	-11451 Jan 08 j 09:48	28°♎27'20	1°15'14
	-11451 Jan 09 j 16:03	0°♏	
	-11451 Feb 03 j 02:11	0°♐	
evening rise	-11451 Feb 13 j 04:02	12°♐24'18	
greatest brilliancy	-11451 Feb 13 j 19:20	13°♐11'25	-3.9m
	-11451 Feb 27 j 10:42	0°♑	
asc. node	-11451 Mar 17 j 23:16	22°♑49'16	
	-11451 Mar 23 j 19:11	0°♒	
	-11451 Apr 17 j 05:08	0°♓	
	-11451 May 11 j 17:54	0°♈	
	-11451 Jun 05 j 11:51	0°♉	
	-11451 Jun 30 j 16:23	0°♊	
desc. node	-11451 Jul 09 j 10:33	10°♊12'46	
	-11451 Jul 26 j 20:23	0°♋	
evening max el	-11451 Aug 14 j 06:42	19°♋43'46	47°31'44
	-11451 Aug 24 j 17:13	0°♌	
greatest brilliancy	-11451 Sep 24 j 02:17	21°♌46'19	-4.9m
retrograde	-11451 Oct 04 j 11:15	23°♌51'33	
evening set	-11451 Oct 19 j 11:18	19°♌14'52	
inferior conj	-11451 Oct 25 j 11:55	15°♌29'33	-0°48'57
minimum elong	-11451 Oct 25 j 13:35	15°♌26'51	0°47'59
min. Earth dist.	-11451 Oct 24 j 22:34	15°♌51'11	0.28127 AU
asc. node	-11451 Oct 28 j 22:25	13°♌17'59	
morning rise	-11451 Oct 31 j 16:38	11°♌39'50	
direct	-11451 Nov 15 j 08:43	7°♌18'45	
greatest brilliancy	-11451 Nov 24 j 10:57	8°♌51'25	-4.8m
	-11451 Dec 26 j 03:59	0°♍	
morning max el	-11450 Jan 03 j 04:30	7°♍23'37	46°00'01
	-11450 Jan 25 j 13:31	0°♎	
desc. node	-11450 Feb 19 j 08:35	27°♎07'22	
	-11450 Feb 21 j 21:50	0°♏	
	-11450 Mar 19 j 21:09	0°♐	
	-11450 Apr 13 j 23:01	0°♑	
	-11450 May 08 j 09:46	0°♒	
	-11450 Jun 01 j 10:20	0°♓	
asc. node	-11450 Jun 10 j 12:06	11°♓25'32	
greatest brilliancy	-11450 Jun 15 j 21:27	18°♓13'40	-3.9m
	-11450 Jun 25 j 04:58	0°♈	
morning set	-11450 Jun 28 j 19:07	4°♈32'36	
	-11450 Jul 18 j 21:31	0°♉	
superior conj	-11450 Aug 08 j 17:11	26°♉18'49	1°22'49
minimum elong	-11450 Aug 08 j 19:11	26°♉25'09	1°23'19
	-11450 Aug 11 j 15:22	0°♊	
max. Earth dist.	-11450 Aug 14 j 16:57	3°♊51'44	1.70967 AU
	-11450 Sep 04 j 12:58	0°♋	
evening rise	-11450 Sep 21 j 02:59	20°♋40'12	
	-11450 Sep 28 j 15:26	0°♌	
desc. node	-11450 Oct 01 j 18:13	3°♌51'36	
	-11450 Oct 22 j 22:38	0°♍	
	-11450 Nov 16 j 10:15	0°♎	
	-11450 Dec 11 j 03:31	0°♏	
	-11449 Jan 05 j 06:29	0°♐	
asc. node	-11449 Jan 21 j 02:57	18°♐31'28	
	-11449 Jan 31 j 03:12	0°♑	
	-11449 Feb 27 j 09:20	0°♒	
evening max el	-11449 Mar 19 j 11:52	20°♒18'59	45°47'02
	-11449 Mar 30 j 02:57	0°♓	
greatest brilliancy	-11449 Apr 27 j 23:27	18°♓43'06	-4.8m
retrograde	-11449 May 07 j 19:47	20°♓27'45	
desc. node	-11449 May 14 j 16:40	19°♓32'18	
evening set	-11449 May 22 j 07:31	16°♓29'33	
inferior conj	-11449 May 28 j 15:10	12°♓56'23	-3°20'25
minimum elong	-11449 May 28 j 07:58	13°♓06'59	3°18'35
min. Earth dist.	-11449 May 28 j 16:26	12°♓54'32	0.26583 AU
morning rise	-11449 Jun 03 j 07:58	9°♓41'53	
direct	-11449 Jun 18 j 06:33	5°♓23'59	
greatest brilliancy	-11449 Jun 29 j 09:01	7°♓41'31	-4.9m
	-11449 Jul 30 j 04:32	0°♈	
morning max el	-11449 Aug 07 j 22:18	8°♈37'40	46°40'41
	-11449 Aug 27 j 18:11	0°♉	
asc. node	-11449 Sep 03 j 01:58	7°♉09'47	
	-11449 Sep 22 j 16:43	0°♊	
	-11449 Oct 17 j 20:29	0°♋	
	-11449 Nov 11 j 19:43	0°♌	
	-11449 Dec 06 j 18:40	0°♍	
desc. node	-11449 Dec 25 j 08:01	22°♍20'07	
	-11449 Dec 31 j 16:33	0°♎	
	-11448 Jan 25 j 10:53	0°♏	
morning set	-11448 Feb 09 j 14:52	18°♏30'18	
	-11448 Feb 18 j 23:49	0°♐	
max. Earth dist.	-11448 Mar 11 j 08:24	26°♐20'29	1.73011 AU
	-11448 Mar 14 j 07:18	0°♑	
superior conj	-11448 Mar 15 j 17:30	1°♑45'59	-1°00'45
minimum elong	-11448 Mar 16 j 01:07	2°♑09'36	1°01'09
	-11448 Apr 07 j 10:39	0°♒	
asc. node	-11448 Apr 14 j 11:42	8°♒46'50	
evening rise	-11448 Apr 20 j 02:46	15°♒48'11	
	-11448 May 01 j 11:40	0°♓	
	-11448 May 25 j 12:03	0°♈	
	-11448 Jun 18 j 13:36	0°♉	
	-11448 Jul 12 j 18:34	0°♊	
desc. node	-11448 Aug 05 j 21:06	29°♊32'55	
	-11448 Aug 06 j 06:00	0°♋	
	-11448 Aug 31 j 04:38	0°♌	
	-11448 Sep 26 j 00:22	0°♍	
	-11448 Oct 23 j 23:20	0°♎	
evening max el	-11448 Oct 23 j 20:33	29°♍53'05	45°48'23
asc. node	-11448 Nov 25 j 08:54	26°♎21'54	
greatest brilliancy	-11448 Nov 30 j 17:06	28°♎53'11	-4.7m
	-11448 Dec 03 j 21:29	0°♏	
retrograde	-11448 Dec 12 j 02:35	1°♏16'24	
	-11448 Dec 19 j 23:57	30°℞♎	
evening set	-11448 Dec 28 j 14:25	25°♎56'06	
inferior conj	-11447 Jan 02 j 11:23	22°♎53'30	7°04'27
minimum elong	-11447 Jan 02 j 03:52	23°♎05'31	7°03'13
min. Earth dist.	-11447 Jan 02 j 10:31	22°♎54'53	0.29547 AU
morning rise	-11447 Jan 06 j 17:29	20°♎13'08	
direct	-11447 Jan 24 j 08:51	14°♎20'26	
greatest brilliancy	-11447 Feb 02 j 20:57	15°♎58'26	-4.7m
	-11447 Feb 26 j 08:50	0°♏	
morning max el	-11447 Mar 14 j 09:54	14°♏09'47	46°07'08
desc. node	-11447 Mar 18 j 20:54	18°♏28'54	
	-11447 Mar 30 j 04:37	0°♐	
	-11447 Apr 26 j 09:55	0°♑	
	-11447 May 21 j 21:30	0°♒	
	-11447 Jun 15 j 10:52	0°♓	
asc. node	-11447 Jul 08 j 01:51	28°♓13'07	
	-11447 Jul 09 j 11:54	0°♈	
	-11447 Aug 02 j 07:22	0°♉	
	-11447 Aug 26 j 02:26	0°♊	
morning set	-11447 Sep 14 j 09:27	24°♊12'32	
	-11447 Sep 19 j 00:41	0°♋	
	-11447 Oct 13 j 03:42	0°♌	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

superior conj	-11447 Oct 26 j 14:52	16°♌38'24	0°06'03
minimum elong	-11447 Oct 26 j 16:31	16°♌43'32	0°06'27
behind sun begin	-11447 Oct 25 j 16:11	15°♌28'27	
behind sun end	-11447 Oct 27 j 16:51	17°♌58'36	
desc. node	-11447 Oct 29 j 06:57	19°♌56'02	
max. Earth dist.	-11447 Oct 30 j 21:40	21°♌55'24	1.72869 AU
	-11447 Nov 06 j 11:03	0°♍	
	-11447 Nov 30 j 21:01	0°♎	
evening rise	-11447 Dec 05 j 14:25	5°♎47'52	
	-11447 Dec 25 j 08:21	0°♏	
	-11446 Jan 18 j 21:25	0°♐	
	-11446 Feb 12 j 14:27	0°♑	
asc. node	-11446 Feb 17 j 13:57	6°♑00'26	
	-11446 Mar 09 j 14:28	0°♒	
	-11446 Apr 04 j 01:04	0°♓	
	-11446 Apr 30 j 04:53	0°♈	
	-11446 May 27 j 22:36	0°♉	
evening max el	-11446 Jun 01 j 09:08	4°♉29'52	47°33'36
desc. node	-11446 Jun 11 j 02:49	13°♉53'14	
	-11446 Jul 01 j 03:49	0°♊	
greatest brilliancy	-11446 Jul 12 j 20:35	5°♊54'44	-4.9m
retrograde	-11446 Jul 22 j 05:09	7°♊34'36	
evening set	-11446 Aug 08 j 23:13	1°♊27'40	
	-11446 Aug 11 j 08:12	30°℞♉	
inferior conj	-11446 Aug 11 j 22:18	29°♉38'07	-8°41'31
minimum elong	-11446 Aug 12 j 02:07	29°♉32'11	8°40'47
min. Earth dist.	-11446 Aug 11 j 06:09	0°♊03'10	0.26767 AU
morning rise	-11446 Aug 15 j 05:12	27°♉37'36	
direct	-11446 Sep 01 j 03:03	22°♉01'14	
greatest brilliancy	-11446 Sep 10 j 17:20	23°♉48'04	-4.9m
	-11446 Sep 22 j 14:21	0°♊	
asc. node	-11446 Sep 30 j 13:40	5°♊51'16	
morning max el	-11446 Oct 21 j 03:08	24°♊38'26	46°19'23
	-11446 Oct 26 j 09:48	0°♋	
	-11446 Nov 23 j 03:56	0°♌	
	-11446 Dec 19 j 13:46	0°♍	
	-11445 Jan 14 j 09:23	0°♎	
desc. node	-11445 Jan 21 j 21:38	8°♎49'52	
	-11445 Feb 08 j 18:00	0°♏	
	-11445 Mar 05 j 15:46	0°♐	
	-11445 Mar 30 j 03:28	0°♑	
morning set	-11445 Apr 16 j 22:06	22°♑02'52	
	-11445 Apr 23 j 07:06	0°♒	
asc. node	-11445 May 13 j 00:40	24°♒43'45	
	-11445 May 17 j 05:14	0°♓	
max. Earth dist.	-11445 May 20 j 07:54	3°♓54'59	1.71293 AU
superior conj	-11445 May 23 j 07:50	7°♓41'28	0°23'42
minimum elong	-11445 May 23 j 03:02	7°♓26'18	0°23'11
	-11445 Jun 10 j 00:28	0°♈	
evening rise	-11445 Jun 30 j 20:44	26°♈17'44	
	-11445 Jul 03 j 19:17	0°♉	
	-11445 Jul 27 j 16:04	0°♊	
	-11445 Aug 20 j 16:57	0°♋	
desc. node	-11445 Sep 03 j 08:24	16°♋54'01	
	-11445 Sep 13 j 23:33	0°♌	
	-11445 Oct 08 j 13:30	0°♍	
	-11445 Nov 02 j 14:22	0°♎	
	-11445 Nov 28 j 11:47	0°♏	
asc. node	-11445 Dec 23 j 18:57	27°♏23'43	
	-11445 Dec 26 j 08:24	0°♐	
evening max el	-11444 Jan 03 j 13:35	8°♐04'25	44°50'09
	-11444 Jan 30 j 18:51	0°♑	
greatest brilliancy	-11444 Feb 10 j 06:02	5°♑03'40	-4.7m
retrograde	-11444 Feb 20 j 11:28	6°♑55'04	
evening set	-11444 Mar 08 j 05:49	1°♑45'13	
	-11444 Mar 11 j 05:37	30°℞♐	

inferior conj	-11444 Mar 12 j 19:47	29°♐02'01	6°37'17
minimum elong	-11444 Mar 13 j 04:30	28°♐48'42	6°35'13
min. Earth dist.	-11444 Mar 14 j 04:01	28°♐12'49	0.28638 AU
morning rise	-11444 Mar 18 j 02:26	25°♐52'58	
direct	-11444 Apr 03 j 15:09	20°♐46'13	
greatest brilliancy	-11444 Apr 15 j 05:34	23°♐09'17	-4.8m
desc. node	-11444 Apr 15 j 08:07	23°♐11'47	
	-11444 Apr 27 j 17:20	0°♑	
morning max el	-11444 May 23 j 15:45	22°♑18'43	46°31'49
	-11444 May 31 j 04:37	0°♒	
	-11444 Jun 27 j 05:59	0°♓	
	-11444 Jul 22 j 11:15	0°♈	
asc. node	-11444 Aug 04 j 15:23	16°♈05'57	
	-11444 Aug 15 j 21:50	0°♉	
	-11444 Sep 09 j 01:45	0°♊	
	-11444 Oct 03 j 05:58	0°♋	
	-11444 Oct 27 j 13:50	0°♌	
	-11444 Nov 21 j 01:26	0°♍	
desc. node	-11444 Nov 25 j 20:24	5°♍51'27	
morning set	-11444 Nov 29 j 02:21	9°♍49'38	
	-11444 Dec 15 j 14:35	0°♎	
max. Earth dist.	-11443 Jan 04 j 05:09	23°♎59'32	1.73829 AU
superior conj	-11443 Jan 06 j 09:56	26°♎41'12	-1°13'55
minimum elong	-11443 Jan 06 j 03:44	26°♎22'11	1°14'04
	-11443 Jan 09 j 02:49	0°♏	
	-11443 Feb 02 j 12:59	0°♐	
evening rise	-11443 Feb 11 j 00:02	10°♐24'45	
greatest brilliancy	-11443 Feb 12 j 11:24	12°♐13'36	-3.9m
	-11443 Feb 26 j 21:40	0°♑	
asc. node	-11443 Mar 17 j 01:30	22°♑21'42	
	-11443 Mar 23 j 06:28	0°♒	
	-11443 Apr 16 j 16:52	0°♓	
	-11443 May 11 j 06:16	0°♈	
	-11443 Jun 05 j 01:08	0°♉	
	-11443 Jun 30 j 07:10	0°♊	
desc. node	-11443 Jul 08 j 12:50	9°♊34'37	
	-11443 Jul 26 j 14:09	0°♋	
evening max el	-11443 Aug 11 j 21:59	17°♋24'10	47°34'24
	-11443 Aug 24 j 20:36	0°♌	
greatest brilliancy	-11443 Sep 21 j 19:55	19°♌30'51	-4.9m
retrograde	-11443 Oct 02 j 03:49	21°♌35'27	
evening set	-11443 Oct 17 j 04:37	16°♌56'56	
min. Earth dist.	-11443 Oct 22 j 14:50	13°♌35'10	0.28067 AU
inferior conj	-11443 Oct 23 j 04:02	13°♌13'49	-1°09'14
minimum elong	-11443 Oct 23 j 06:24	13°♌10'00	1°08'02
asc. node	-11443 Oct 28 j 00:34	10°♌10'58	
morning rise	-11443 Oct 29 j 08:56	9°♌24'17	
direct	-11443 Nov 12 j 23:39	5°♌03'54	
greatest brilliancy	-11443 Nov 22 j 02:47	6°♌37'40	-4.8m
	-11443 Dec 26 j 05:58	0°♍	
morning max el	-11443 Dec 31 j 20:55	5°♍14'30	46°00'24
	-11442 Jan 25 j 06:10	0°♎	
desc. node	-11442 Feb 18 j 10:51	26°♎34'32	
	-11442 Feb 21 j 11:34	0°♏	
	-11442 Mar 19 j 09:34	0°♐	
	-11442 Apr 13 j 10:47	0°♑	
	-11442 May 07 j 21:13	0°♒	
	-11442 May 31 j 21:37	0°♓	
asc. node	-11442 Jun 09 j 14:17	10°♓56'53	
greatest brilliancy	-11442 Jun 15 j 05:42	18°♓04'10	-3.9m
	-11442 Jun 24 j 16:11	0°♈	
morning set	-11442 Jun 26 j 07:32	2°♈04'28	
	-11442 Jul 18 j 08:45	0°♉	
superior conj	-11442 Aug 06 j 02:00	23°♉39'42	1°23'04
minimum elong	-11442 Aug 06 j 02:52	23°♉42'25	1°23'34

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11442 Aug 11 j 02:38	0°♊	
max. Earth dist.	-11442 Aug 11 j 20:55	0°♊57'36	1.70928 AU
	-11442 Sep 04 j 00:17	0°♋	
evening rise	-11442 Sep 18 j 10:32	17°♋59'22	
	-11442 Sep 28 j 02:46	0°♌	
desc. node	-11442 Sep 30 j 20:17	3°♌22'54	
	-11442 Oct 22 j 10:00	0°♍	
	-11442 Nov 15 j 21:46	0°♎	
	-11442 Dec 10 j 15:23	0°♏	
	-11441 Jan 04 j 19:10	0°♐	
asc. node	-11441 Jan 20 j 05:21	17°♐59'26	
	-11441 Jan 30 j 17:33	0°♑	
	-11441 Feb 27 j 03:30	0°♒	
evening max el	-11441 Mar 17 j 02:14	18°♒01'27	45°43'26
	-11441 Mar 30 j 10:48	0°♓	
greatest brilliancy	-11441 Apr 25 j 10:15	16°♓15'59	-4.8m
retrograde	-11441 May 05 j 07:52	18°♓01'01	
desc. node	-11441 May 13 j 18:53	16°♓37'19	
evening set	-11441 May 19 j 18:12	14°♓04'38	
inferior conj	-11441 May 26 j 03:00	10°♓29'41	-2°58'02
minimum elong	-11441 May 25 j 20:31	10°♓39'15	2°56'25
min. Earth dist.	-11441 May 26 j 05:30	10°♓26'01	0.26620 AU
morning rise	-11441 May 31 j 22:24	7°♓11'51	
direct	-11441 Jun 15 j 20:04	2°♓56'38	
greatest brilliancy	-11441 Jun 26 j 22:34	5°♓14'27	-4.9m
	-11441 Jul 30 j 07:16	0°♈	
morning max el	-11441 Aug 05 j 11:40	6°♈10'15	46°40'54
	-11441 Aug 27 j 11:53	0°♉	
asc. node	-11441 Sep 02 j 04:14	6°♉28'15	
	-11441 Sep 22 j 07:28	0°♊	
	-11441 Oct 17 j 09:48	0°♋	
	-11441 Nov 11 j 08:10	0°♌	
	-11441 Dec 06 j 06:30	0°♍	
desc. node	-11441 Dec 24 j 10:12	21°♍51'57	
	-11441 Dec 31 j 03:58	0°♎	
	-11440 Jan 24 j 21:59	0°♏	
morning set	-11440 Feb 07 j 10:02	16°♏28'28	
	-11440 Feb 18 j 10:46	0°♐	
max. Earth dist.	-11440 Mar 09 j 04:27	24°♐20'18	1.73060 AU
superior conj	-11440 Mar 13 j 13:31	29°♐45'27	-1°02'37
minimum elong	-11440 Mar 13 j 21:01	0°♑08'42	1°03'02
	-11440 Mar 13 j 18:13	0°♑	
	-11440 Apr 06 j 21:40	0°♒	
asc. node	-11440 Apr 13 j 13:50	8°♒18'56	
evening rise	-11440 Apr 17 j 21:30	13°♒42'11	
	-11440 Apr 30 j 22:54	0°♓	
	-11440 May 24 j 23:36	0°♈	
	-11440 Jun 18 j 01:30	0°♉	
	-11440 Jul 12 j 06:53	0°♊	
desc. node	-11440 Aug 04 j 23:25	29°♊00'48	
	-11440 Aug 05 j 18:55	0°♋	
	-11440 Aug 30 j 18:31	0°♌	
	-11440 Sep 25 j 16:19	0°♍	
evening max el	-11440 Oct 21 j 12:51	27°♍40'14	45°51'50
	-11440 Oct 23 j 21:21	0°♎	
asc. node	-11440 Nov 24 j 11:12	24°♎57'38	
greatest brilliancy	-11440 Nov 28 j 11:26	26°♎47'06	-4.7m
retrograde	-11440 Dec 09 j 20:08	29°♎09'42	
evening set	-11440 Dec 26 j 05:44	23°♎52'58	
inferior conj	-11440 Dec 31 j 04:59	20°♎46'30	6°55'32
minimum elong	-11440 Dec 30 j 21:11	20°♎59'02	6°54'14
min. Earth dist.	-11440 Dec 31 j 03:00	20°♎49'41	0.29521 AU
morning rise	-11439 Jan 04 j 12:47	18°♎03'11	
direct	-11439 Jan 22 j 02:08	12°♎13'57	
greatest brilliancy	-11439 Jan 31 j 12:19	13°♎50'16	-4.7m
	-11439 Feb 26 j 16:07	0°♏	
morning max el	-11439 Mar 12 j 01:31	11°♏59'22	46°06'29
desc. node	-11439 Mar 17 j 22:56	17°♏43'09	
	-11439 Mar 29 j 22:20	0°♐	
	-11439 Apr 26 j 00:14	0°♑	
	-11439 May 21 j 10:25	0°♒	
	-11439 Jun 14 j 23:06	0°♓	
asc. node	-11439 Jul 07 j 04:07	27°♓42'46	
	-11439 Jul 08 j 23:49	0°♈	
	-11439 Aug 01 j 19:07	0°♉	
	-11439 Aug 25 j 14:03	0°♊	
morning set	-11439 Sep 11 j 18:45	21°♊35'26	
	-11439 Sep 18 j 12:10	0°♋	
	-11439 Oct 12 j 15:05	0°♌	
superior conj	-11439 Oct 24 j 01:35	14°♌08'26	0°09'44
minimum elong	-11439 Oct 24 j 04:13	14°♌16'32	0°10'06
behind sun begin	-11439 Oct 23 j 07:22	13°♌12'09	
behind sun end	-11439 Oct 25 j 01:04	15°♌20'53	
desc. node	-11439 Oct 28 j 09:05	19°♌27'40	
max. Earth dist.	-11439 Oct 28 j 16:52	19°♌51'40	1.72805 AU
	-11439 Nov 05 j 22:21	0°♍	
	-11439 Nov 30 j 08:17	0°♎	
evening rise	-11439 Dec 03 j 06:05	3°♎34'07	
	-11439 Dec 24 j 19:40	0°♏	
	-11438 Jan 18 j 08:57	0°♐	
	-11438 Feb 12 j 02:25	0°♑	
asc. node	-11438 Feb 16 j 16:12	5°♑30'48	
	-11438 Mar 09 j 03:14	0°♒	
	-11438 Apr 03 j 15:13	0°♓	
	-11438 Apr 29 j 21:34	0°♈	
	-11438 May 27 j 21:22	0°♉	
evening max el	-11438 May 29 j 22:06	2°♉02'24	47°30'40
desc. node	-11438 Jun 10 j 05:06	12°♉50'39	
	-11438 Jul 02 j 20:39	0°♊	
greatest brilliancy	-11438 Jul 10 j 09:53	3°♊24'44	-4.9m
retrograde	-11438 Jul 19 j 17:10	5°♊03'35	
	-11438 Aug 04 j 17:53	30°℞♉	
evening set	-11438 Aug 06 j 12:41	28°♉56'40	
inferior conj	-11438 Aug 09 j 10:59	27°♉08'28	-8°45'18
minimum elong	-11438 Aug 09 j 13:56	27°♉03'55	8°44'41
min. Earth dist.	-11438 Aug 08 j 18:58	27°♉33'19	0.26739 AU
morning rise	-11438 Aug 12 j 15:19	25°♉11'50	
direct	-11438 Aug 29 j 15:11	19°♉32'26	
greatest brilliancy	-11438 Sep 08 j 07:07	21°♉20'14	-4.9m
	-11438 Sep 23 j 16:20	0°♊	
asc. node	-11438 Sep 29 j 15:48	4°♊38'56	
morning max el	-11438 Oct 18 j 15:25	22°♊10'18	46°20'19
	-11438 Oct 26 j 07:00	0°♋	
	-11438 Nov 22 j 19:57	0°♌	
	-11438 Dec 19 j 03:36	0°♍	
	-11437 Jan 13 j 22:02	0°♎	
desc. node	-11437 Jan 20 j 23:51	8°♎19'50	
	-11437 Feb 08 j 05:56	0°♏	
	-11437 Mar 05 j 03:16	0°♐	
	-11437 Mar 29 j 14:44	0°♑	
morning set	-11437 Apr 14 j 16:53	19°♑57'01	
	-11437 Apr 22 j 18:16	0°♒	
asc. node	-11437 May 12 j 02:54	24°♒15'37	
	-11437 May 16 j 16:26	0°♓	
max. Earth dist.	-11437 May 17 j 22:37	1°♓34'56	1.71347 AU
superior conj	-11437 May 21 j 00:02	5°♓26'00	0°20'30
minimum elong	-11437 May 20 j 19:52	5°♓12'53	0°20'01
	-11437 Jun 09 j 11:47	0°♈	
evening rise	-11437 Jun 28 j 09:04	23°♈49'24	
	-11437 Jul 03 j 06:44	0°♉	
	-11437 Jul 27 j 03:42	0°♊	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11437 Aug 20 j 04:48	0°♋	
desc. node	-11437 Sep 02 j 10:27	16°♋23'22	
	-11437 Sep 13 j 11:40	0°♌	
	-11437 Oct 08 j 02:03	0°♍	
	-11437 Nov 02 j 03:44	0°♎	
	-11437 Nov 28 j 02:58	0°♏	
asc. node	-11437 Dec 22 j 21:21	26°♏40'09	
	-11437 Dec 26 j 04:42	0°♐	
evening max el	-11436 Jan 01 j 03:59	5°♐49'42	44°50'28
	-11436 Feb 01 j 07:24	0°♑	
greatest brilliancy	-11436 Feb 07 j 19:38	2°♑51'06	-4.7m
retrograde	-11436 Feb 18 j 03:00	4°♑44'21	
	-11436 Mar 05 j 01:57	30°℞♐	
evening set	-11436 Mar 05 j 23:26	29°♐30'01	
inferior conj	-11436 Mar 10 j 11:12	26°♐49'48	6°48'03
minimum elong	-11436 Mar 10 j 19:40	26°♐36'52	6°46'07
min. Earth dist.	-11436 Mar 11 j 19:05	26°♐01'08	0.28712 AU
morning rise	-11436 Mar 15 j 15:12	23°♐44'29	
direct	-11436 Apr 01 j 07:05	18°♐32'27	
greatest brilliancy	-11436 Apr 12 j 20:59	20°♐55'13	-4.8m
desc. node	-11436 Apr 14 j 10:21	21°♐33'46	
	-11436 Apr 28 j 13:03	0°♑	
morning max el	-11436 May 21 j 07:45	20°♑02'54	46°31'15
	-11436 May 31 j 00:35	0°♒	
	-11436 Jun 26 j 21:28	0°♓	
	-11436 Jul 22 j 00:56	0°♈	
asc. node	-11436 Aug 03 j 17:36	15°♈32'24	
	-11436 Aug 15 j 10:36	0°♉	
	-11436 Sep 08 j 14:00	0°♊	
	-11436 Oct 02 j 17:54	0°♋	
	-11436 Oct 27 j 01:32	0°♌	
	-11436 Nov 20 j 12:54	0°♍	
desc. node	-11436 Nov 24 j 22:36	5°♍23'15	
morning set	-11436 Nov 26 j 16:12	7°♍30'25	
	-11436 Dec 15 j 01:51	0°♎	
max. Earth dist.	-11435 Jan 02 j 02:19	22°♎03'07	1.73828 AU
superior conj	-11435 Jan 04 j 03:37	24°♎34'08	-1°12'40
minimum elong	-11435 Jan 03 j 20:57	24°♎13'44	1°12'45
	-11435 Jan 08 j 13:58	0°♏	
	-11435 Feb 02 j 00:08	0°♐	
evening rise	-11435 Feb 08 j 19:40	8°♐23'03	
greatest brilliancy	-11435 Feb 11 j 04:34	11°♐18'05	-3.9m
	-11435 Feb 26 j 09:00	0°♑	
asc. node	-11435 Mar 16 j 03:38	21°♑52'51	
	-11435 Mar 22 j 18:06	0°♒	
	-11435 Apr 16 j 04:57	0°♓	
	-11435 May 10 j 18:59	0°♈	
	-11435 Jun 04 j 14:45	0°♉	
	-11435 Jun 29 j 22:17	0°♊	
desc. node	-11435 Jul 07 j 15:09	8°♊55'48	
	-11435 Jul 26 j 08:25	0°♋	
evening max el	-11435 Aug 09 j 14:03	15°♋06'18	47°36'54
	-11435 Aug 25 j 01:54	0°♌	
greatest brilliancy	-11435 Sep 19 j 12:48	17°♌13'45	-4.9m
retrograde	-11435 Sep 29 j 20:33	19°♌18'12	
evening set	-11435 Oct 14 j 21:59	14°♌37'42	
inferior conj	-11435 Oct 20 j 20:01	10°♌56'46	-1°29'34
minimum elong	-11435 Oct 20 j 23:05	10°♌51'51	1°28'10
min. Earth dist.	-11435 Oct 20 j 06:38	11°♌18'20	0.28015 AU
morning rise	-11435 Oct 27 j 00:58	7°♌07'43	
asc. node	-11435 Oct 27 j 02:57	7°♌04'56	
direct	-11435 Nov 10 j 15:07	2°♌47'48	
greatest brilliancy	-11435 Nov 19 j 18:10	4°♌22'08	-4.8m
	-11435 Dec 26 j 07:08	0°♍	
morning max el	-11435 Dec 29 j 13:42	3°♍05'04	46°00'37
	-11434 Jan 24 j 22:56	0°♎	
desc. node	-11434 Feb 17 j 12:54	26°♎00'13	
	-11434 Feb 21 j 01:32	0°♏	
	-11434 Mar 18 j 22:14	0°♐	
	-11434 Apr 12 j 22:46	0°♑	
	-11434 May 07 j 08:51	0°♒	
	-11434 May 31 j 09:04	0°♓	
asc. node	-11434 Jun 08 j 16:30	10°♓27'49	
greatest brilliancy	-11434 Jun 14 j 11:12	17°♓45'31	-3.9m
morning set	-11434 Jun 23 j 20:17	29°♓36'57	
	-11434 Jun 24 j 03:35	0°♈	
	-11434 Jul 17 j 20:08	0°♉	
superior conj	-11434 Aug 03 j 11:23	21°♉01'53	1°23'08
minimum elong	-11434 Aug 03 j 11:08	21°♉01'08	1°23'37
max. Earth dist.	-11434 Aug 09 j 03:10	28°♉10'08	1.70885 AU
	-11434 Aug 10 j 14:02	0°♊	
	-11434 Sep 03 j 11:40	0°♋	
evening rise	-11434 Sep 15 j 18:21	15°♋18'58	
	-11434 Sep 27 j 14:10	0°♌	
desc. node	-11434 Sep 29 j 22:28	2°♌54'21	
	-11434 Oct 21 j 21:28	0°♍	
	-11434 Nov 15 j 09:27	0°♎	
	-11434 Dec 10 j 03:30	0°♏	
	-11433 Jan 04 j 08:08	0°♐	
asc. node	-11433 Jan 19 j 07:36	17°♐26'04	
	-11433 Jan 30 j 08:18	0°♑	
	-11433 Feb 26 j 22:24	0°♒	
evening max el	-11433 Mar 14 j 16:22	15°♒42'52	45°39'58
	-11433 Mar 30 j 21:41	0°♓	
greatest brilliancy	-11433 Apr 22 j 21:38	13°♓49'18	-4.8m
retrograde	-11433 May 02 j 19:25	15°♓33'52	
desc. node	-11433 May 12 j 21:12	13°♓36'17	
evening set	-11433 May 17 j 05:07	11°♓39'11	
inferior conj	-11433 May 23 j 14:48	8°♓02'45	-2°35'28
minimum elong	-11433 May 23 j 09:03	8°♓11'14	2°34'03
min. Earth dist.	-11433 May 23 j 18:49	7°♓56'50	0.26656 AU
morning rise	-11433 May 29 j 12:33	4°♓41'34	
direct	-11433 Jun 13 j 09:09	0°♓29'03	
greatest brilliancy	-11433 Jun 24 j 12:10	2°♓47'02	-4.9m
	-11433 Jul 30 j 08:43	0°♈	
morning max el	-11433 Aug 03 j 00:06	3°♈40'11	46°41'13
	-11433 Aug 27 j 05:16	0°♉	
asc. node	-11433 Sep 01 j 06:17	5°♉46'31	
	-11433 Sep 21 j 22:03	0°♊	
	-11433 Oct 16 j 22:58	0°♋	
	-11433 Nov 10 j 20:29	0°♌	
	-11433 Dec 05 j 18:16	0°♍	
desc. node	-11433 Dec 23 j 12:21	21°♍23'46	
	-11433 Dec 30 j 15:21	0°♎	
	-11432 Jan 24 j 09:08	0°♏	
morning set	-11432 Feb 05 j 04:48	14°♏25'20	
	-11432 Feb 17 j 21:46	0°♐	
max. Earth dist.	-11432 Mar 06 j 22:45	22°♐14'34	1.73110 AU
superior conj	-11432 Mar 11 j 09:12	27°♐43'51	-1°04'25
minimum elong	-11432 Mar 11 j 16:34	28°♐06'39	1°04'50
	-11432 Mar 13 j 05:11	0°♑	
	-11432 Apr 06 j 08:43	0°♒	
asc. node	-11432 Apr 12 j 16:05	7°♒51'19	
evening rise	-11432 Apr 15 j 15:58	11°♒35'19	
	-11432 Apr 30 j 10:10	0°♓	
	-11432 May 24 j 11:09	0°♈	
	-11432 Jun 17 j 13:25	0°♉	
	-11432 Jul 11 j 19:13	0°♊	
desc. node	-11432 Aug 04 j 01:32	28°♊28'08	
	-11432 Aug 05 j 07:48	0°♋	
	-11432 Aug 30 j 08:25	0°♌	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11432 Sep 25 j 08:21	0°♍		
evening max el	-11432 Oct 19 j 04:15	25°♍25'34	45°55'23	
	-11432 Oct 23 j 19:59	0°♎		
asc. node	-11432 Nov 23 j 13:31	23°♎31'18		
greatest brilliancy	-11432 Nov 26 j 05:58	24°♎41'48	-4.7m	
retrograde	-11432 Dec 07 j 13:31	27°♎03'47		
evening set	-11432 Dec 23 j 21:08	21°♎50'25		
inferior conj	-11432 Dec 28 j 22:41	18°♎40'17	6°46'08	
minimum elong	-11432 Dec 28 j 14:38	18°♎53'14	6°44'43	
min. Earth dist.	-11432 Dec 28 j 19:53	18°♎44'47	0.29498 AU	
morning rise	-11431 Jan 02 j 08:17	15°♎53'52		
direct	-11431 Jan 19 j 19:02	10°♎08'03		
greatest brilliancy	-11431 Jan 29 j 04:25	11°♎43'23	-4.7m	
	-11431 Feb 26 j 21:08	0°♏		
morning max el	-11431 Mar 09 j 16:43	9°♏48'07	46°05'44	
desc. node	-11431 Mar 17 j 01:10	16°♏58'45		
	-11431 Mar 29 j 15:38	0°♐		
	-11431 Apr 25 j 14:23	0°♑		
	-11431 May 20 j 23:13	0°♒		
	-11431 Jun 14 j 11:13	0°♓		
asc. node	-11431 Jul 06 j 06:16	27°♓12'31		
	-11431 Jul 08 j 11:34	0°♈		
	-11431 Aug 01 j 06:40	0°♉		
	-11431 Aug 25 j 01:27	0°♊		
morning set	-11431 Sep 09 j 04:00	18°♊58'37		
	-11431 Sep 17 j 23:27	0°♋		
	-11431 Oct 12 j 02:16	0°♌		
superior conj	-11431 Oct 21 j 12:24	11°♌39'14	0°13'24	
minimum elong	-11431 Oct 21 j 15:58	11°♌50'17	0°13'44	
behind sun begin	-11431 Oct 21 j 01:48	11°♌06'31		
behind sun end	-11431 Oct 22 j 06:09	12°♌34'03		
max. Earth dist.	-11431 Oct 26 j 10:38	17°♌44'08	1.72736 AU	
desc. node	-11431 Oct 27 j 11:20	19°♌00'21		
	-11431 Nov 05 j 09:26	0°♍		
	-11431 Nov 29 j 19:18	0°♎		
evening rise	-11431 Nov 30 j 21:46	1°♎21'11		
	-11431 Dec 24 j 06:44	0°♏		
	-11430 Jan 17 j 20:15	0°♐		
	-11430 Feb 11 j 14:13	0°♑		
asc. node	-11430 Feb 15 j 18:22	5°♑01'28		
	-11430 Mar 08 j 15:56	0°♒		
	-11430 Apr 03 j 05:24	0°♓		
	-11430 Apr 29 j 14:27	0°♈		
evening max el	-11430 May 27 j 10:14	29°♈33'21	47°27'48	
	-11430 May 27 j 20:56	0°♉		
desc. node	-11430 Jun 09 j 07:21	11°♉46'49		
	-11430 Jul 05 j 12:50	0°♊		
greatest brilliancy	-11430 Jul 07 j 23:04	0°♊55'03	-4.9m	
retrograde	-11430 Jul 17 j 05:20	2°♊33'19		
	-11430 Jul 28 j 10:18	30°℞♉		
evening set	-11430 Aug 04 j 01:39	26°♉26'48		
inferior conj	-11430 Aug 06 j 23:38	24°♉39'28	-8°48'11	
minimum elong	-11430 Aug 07 j 01:40	24°♉36'19	8°47'37	
min. Earth dist.	-11430 Aug 06 j 07:42	25°♉04'06	0.26709 AU	
morning rise	-11430 Aug 10 j 01:48	22°♉46'18		
direct	-11430 Aug 27 j 03:03	17°♉04'04		
greatest brilliancy	-11430 Sep 05 j 20:57	18°♉53'18	-4.9m	
	-11430 Sep 24 j 11:04	0°♊		
asc. node	-11430 Sep 28 j 18:12	3°♊30'01		
morning max el	-11430 Oct 16 j 04:16	19°♊44'20	46°21'20	
	-11430 Oct 26 j 03:10	0°♋		
	-11430 Nov 22 j 11:23	0°♌		
	-11430 Dec 18 j 16:58	0°♍		
	-11429 Jan 13 j 10:15	0°♎		
desc. node	-11429 Jan 20 j 01:53	7°♎50'25		
	-11429 Feb 07 j 17:28	0°♏		
	-11429 Mar 04 j 14:24	0°♐		
	-11429 Mar 29 j 01:41	0°♑		
morning set	-11429 Apr 12 j 11:42	17°♑52'11		
	-11429 Apr 22 j 05:12	0°♒		
asc. node	-11429 May 11 j 05:11	23°♒48'15		
max. Earth dist.	-11429 May 15 j 13:29	29°♒16'06	1.71405 AU	
	-11429 May 16 j 03:27	0°♓		
superior conj	-11429 May 18 j 16:08	3°♓10'55	0°17'17	
minimum elong	-11429 May 18 j 12:38	2°♓59'54	0°16'47	
	-11429 Jun 08 j 22:54	0°♈		
evening rise	-11429 Jun 25 j 21:19	21°♈21'26		
	-11429 Jul 02 j 17:58	0°♉		
	-11429 Jul 26 j 15:05	0°♊		
	-11429 Aug 19 j 16:22	0°♋		
desc. node	-11429 Sep 01 j 12:41	15°♋54'13		
	-11429 Sep 12 j 23:30	0°♌		
	-11429 Oct 07 j 14:18	0°♍		
	-11429 Nov 01 j 16:49	0°♎		
	-11429 Nov 27 j 17:55	0°♏		
asc. node	-11429 Dec 21 j 23:39	25°♏57'03		
	-11429 Dec 26 j 01:06	0°♐		
evening max el	-11429 Dec 29 j 19:30	3°♐39'08	44°51'00	
	-11428 Feb 03 j 14:11	0°♑		
greatest brilliancy	-11428 Feb 05 j 09:20	0°♑40'45	-4.7m	
retrograde	-11428 Feb 15 j 19:07	2°♑35'55		
	-11428 Feb 27 j 09:40	30°℞♐		
evening set	-11428 Mar 03 j 17:19	27°♐17'26		
inferior conj	-11428 Mar 08 j 02:58	24°♐39'51	6°58'00	
minimum elong	-11428 Mar 08 j 11:06	24°♐27'25	6°56'12	
min. Earth dist.	-11428 Mar 09 j 10:01	23°♐52'24	0.28785 AU	
morning rise	-11428 Mar 13 j 04:18	21°♐38'16		
direct	-11428 Mar 29 j 23:49	16°♐21'12		
greatest brilliancy	-11428 Apr 10 j 11:53	18°♐42'37	-4.8m	
desc. node	-11428 Apr 13 j 12:38	20°♐01'02		
	-11428 Apr 29 j 03:06	0°♑		
morning max el	-11428 May 19 j 00:25	17°♑50'13	46°30'18	
	-11428 May 30 j 19:37	0°♒		
	-11428 Jun 26 j 12:30	0°♓		
	-11428 Jul 21 j 14:18	0°♈		
asc. node	-11428 Aug 02 j 19:43	14°♈59'13		
	-11428 Aug 14 j 23:07	0°♉		
	-11428 Sep 08 j 01:59	0°♊		
	-11428 Oct 02 j 05:31	0°♋		
	-11428 Oct 26 j 12:52	0°♌		
	-11428 Nov 19 j 23:59	0°♍		
morning set	-11428 Nov 24 j 06:04	5°♍12'15		
desc. node	-11428 Nov 24 j 00:42	4°♍55'51		
	-11428 Dec 14 j 12:45	0°♎		
max. Earth dist.	-11428 Dec 31 j 00:50	20°♎11'53	1.73822 AU	
superior conj	-11427 Jan 01 j 21:24	22°♎28'25	-1°11'18	
minimum elong	-11427 Jan 01 j 14:18	22°♎06'41	1°11'20	
	-11427 Jan 08 j 00:45	0°♏		
	-11427 Feb 01 j 10:56	0°♐		
evening rise	-11427 Feb 06 j 15:37	6°♐23'28		
greatest brilliancy	-11427 Feb 10 j 00:19	10°♐31'45	-3.9m	
	-11427 Feb 25 j 19:56	0°♑		
asc. node	-11427 Mar 15 j 06:02	21°♑26'00		
	-11427 Mar 22 j 05:21	0°♒		
	-11427 Apr 15 j 16:41	0°♓		
	-11427 May 10 j 07:24	0°♈		
	-11427 Jun 04 j 04:11	0°♉		
	-11427 Jun 29 j 13:22	0°♊		
desc. node	-11427 Jul 06 j 17:17	8°♊16'35		
	-11427 Jul 26 j 02:58	0°♋		
evening max el	-11427 Aug 07 j 06:56	12°♋50'47	47°39'14	

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11427 Aug 25 j 09:10	0°♌	
greatest brilliancy	-11427 Sep 17 j 05:40	14°♌56'50	-4.9m
retrograde	-11427 Sep 27 j 13:17	17°♌00'48	
evening set	-11427 Oct 12 j 15:24	12°♌18'31	
inferior conj	-11427 Oct 18 j 11:51	8°♌39'46	-1°49'58
minimum elong	-11427 Oct 18 j 15:35	8°♌33'46	1°48'21
min. Earth dist.	-11427 Oct 17 j 22:09	9°♌01'50	0.27956 AU
morning rise	-11427 Oct 24 j 16:40	4°♌51'26	
asc. node	-11427 Oct 26 j 05:13	4°♌02'22	
direct	-11427 Nov 08 j 06:41	0°♌32'09	
greatest brilliancy	-11427 Nov 17 j 08:55	2°♌06'19	-4.8m
	-11427 Dec 26 j 06:45	0°♍	
morning max el	-11427 Dec 27 j 06:11	0°♍55'44	46°00'52
	-11426 Jan 24 j 15:01	0°♎	
desc. node	-11426 Feb 16 j 15:05	25°♎27'32	
	-11426 Feb 20 j 15:01	0°♏	
	-11426 Mar 18 j 10:28	0°♐	
	-11426 Apr 12 j 10:22	0°♑	
	-11426 May 06 j 20:06	0°♒	
	-11426 May 30 j 20:11	0°♓	
asc. node	-11426 Jun 07 j 18:40	9°♓59'38	
greatest brilliancy	-11426 Jun 13 j 13:53	17°♓18'55	-3.9m
morning set	-11426 Jun 21 j 09:27	27°♓11'40	
	-11426 Jun 23 j 14:40	0°♈	
	-11426 Jul 17 j 07:17	0°♉	
superior conj	-11426 Jul 31 j 20:48	18°♉24'49	1°23'01
minimum elong	-11426 Jul 31 j 19:28	18°♉20'36	1°23'28
max. Earth dist.	-11426 Aug 06 j 07:35	25°♉17'27	1.70851 AU
	-11426 Aug 10 j 01:14	0°♊	
	-11426 Sep 02 j 22:55	0°♋	
evening rise	-11426 Sep 13 j 01:28	12°♋36'41	
	-11426 Sep 27 j 01:26	0°♌	
desc. node	-11426 Sep 29 j 00:45	2°♌26'33	
	-11426 Oct 21 j 08:48	0°♍	
	-11426 Nov 14 j 20:57	0°♎	
	-11426 Dec 09 j 15:26	0°♏	
	-11425 Jan 03 j 20:57	0°♐	
asc. node	-11425 Jan 18 j 09:48	16°♐53'04	
	-11425 Jan 29 j 22:57	0°♑	
	-11425 Feb 26 j 17:28	0°♒	
evening max el	-11425 Mar 12 j 06:13	13°♒24'45	45°36'37
	-11425 Mar 31 j 11:24	0°♓	
greatest brilliancy	-11425 Apr 20 j 10:01	11°♓25'38	-4.8m
retrograde	-11425 Apr 30 j 06:54	13°♓09'11	
desc. node	-11425 May 11 j 23:22	10°♓32'58	
evening set	-11425 May 14 j 16:41	9°♓15'45	
inferior conj	-11425 May 21 j 03:03	5°♓38'24	-2°12'55
minimum elong	-11425 May 20 j 22:05	5°♓45'44	2°11'43
min. Earth dist.	-11425 May 21 j 08:54	5°♓29'45	0.26695 AU
morning rise	-11425 May 27 j 02:56	2°♓13'56	
	-11425 Jun 01 j 00:01	30°♑℞♒	
direct	-11425 Jun 10 j 22:01	28°♒03'49	
	-11425 Jun 21 j 03:00	0°♓	
greatest brilliancy	-11425 Jun 22 j 02:34	0°♓22'26	-4.9m
	-11425 Jul 30 j 08:35	0°♈	
morning max el	-11425 Jul 31 j 12:01	1°♈09'44	46°41'18
	-11425 Aug 26 j 22:05	0°♉	
asc. node	-11425 Aug 31 j 08:41	5°♉06'43	
	-11425 Sep 21 j 12:22	0°♊	
	-11425 Oct 16 j 12:01	0°♋	
	-11425 Nov 10 j 08:44	0°♌	
	-11425 Dec 05 j 05:57	0°♍	
desc. node	-11425 Dec 22 j 14:26	20°♍55'41	
	-11425 Dec 30 j 02:38	0°♎	
	-11424 Jan 23 j 20:09	0°♏	
morning set	-11424 Feb 02 j 23:29	12°♏22'22	
	-11424 Feb 17 j 08:38	0°♐	
max. Earth dist.	-11424 Mar 04 j 17:29	20°♐10'37	1.73159 AU
superior conj	-11424 Mar 09 j 05:08	25°♐43'25	-1°06'07
minimum elong	-11424 Mar 09 j 12:20	26°♐05'40	1°06'33
	-11424 Mar 12 j 16:02	0°♑	
	-11424 Apr 05 j 19:41	0°♒	
asc. node	-11424 Apr 11 j 18:22	7°♒24'07	
evening rise	-11424 Apr 13 j 10:53	9°♒30'20	
	-11424 Apr 29 j 21:20	0°♓	
	-11424 May 23 j 22:35	0°♈	
	-11424 Jun 17 j 01:11	0°♉	
	-11424 Jul 11 j 07:24	0°♊	
desc. node	-11424 Aug 03 j 03:49	27°♊56'16	
	-11424 Aug 04 j 20:39	0°♋	
	-11424 Aug 29 j 22:22	0°♌	
	-11424 Sep 25 j 00:41	0°♍	
evening max el	-11424 Oct 16 j 19:12	23°♍09'17	45°58'54
	-11424 Oct 23 j 19:47	0°♎	
asc. node	-11424 Nov 22 j 15:47	22°♎01'18	
greatest brilliancy	-11424 Nov 24 j 00:16	22°♎35'23	-4.7m
retrograde	-11424 Dec 05 j 06:54	24°♎57'15	
evening set	-11424 Dec 21 j 12:25	19°♎46'58	
inferior conj	-11424 Dec 26 j 16:19	16°♎33'24	6°36'03
minimum elong	-11424 Dec 26 j 08:03	16°♎46'42	6°34'33
min. Earth dist.	-11424 Dec 26 j 12:51	16°♎38'59	0.29471 AU
morning rise	-11424 Dec 31 j 03:48	13°♎43'53	
direct	-11423 Jan 17 j 11:24	8°♎01'24	
greatest brilliancy	-11423 Jan 26 j 20:48	9°♎36'24	-4.7m
	-11423 Feb 27 j 00:27	0°♏	
morning max el	-11423 Mar 07 j 08:11	7°♏37'30	46°05'09
desc. node	-11423 Mar 16 j 03:29	16°♏15'04	
	-11423 Mar 29 j 08:34	0°♐	
	-11423 Apr 25 j 04:23	0°♑	
	-11423 May 20 j 11:56	0°♒	
	-11423 Jun 13 j 23:18	0°♓	
asc. node	-11423 Jul 05 j 08:24	26°♓42'21	
	-11423 Jul 07 j 23:18	0°♈	
	-11423 Jul 31 j 18:10	0°♉	
	-11423 Aug 24 j 12:50	0°♊	
morning set	-11423 Sep 06 j 13:33	16°♊22'34	
	-11423 Sep 17 j 10:45	0°♋	
	-11423 Oct 11 j 13:29	0°♌	
superior conj	-11423 Oct 18 j 23:04	9°♌09'22	0°17'03
minimum elong	-11423 Oct 19 j 03:35	9°♌23'19	0°17'22
max. Earth dist.	-11423 Oct 24 j 02:00	15°♌28'58	1.72673 AU
desc. node	-11423 Oct 26 j 13:24	18°♌32'13	
	-11423 Nov 04 j 20:36	0°♍	
evening rise	-11423 Nov 28 j 13:01	29°♍06'29	
	-11423 Nov 29 j 06:28	0°♎	
	-11423 Dec 23 j 17:57	0°♏	
	-11422 Jan 17 j 07:42	0°♐	
	-11422 Feb 11 j 02:11	0°♑	
asc. node	-11422 Feb 14 j 20:47	4°♑32'24	
	-11422 Mar 08 j 04:49	0°♒	
	-11422 Apr 02 j 19:49	0°♓	
	-11422 Apr 29 j 07:45	0°♈	
evening max el	-11422 May 24 j 22:47	27°♈05'19	47°24'55
	-11422 May 27 j 21:39	0°♉	
desc. node	-11422 Jun 08 j 09:35	10°♉41'02	
greatest brilliancy	-11422 Jul 05 j 11:49	28°♉24'49	-4.9m
	-11422 Jul 13 j 02:55	0°♊	
retrograde	-11422 Jul 14 j 17:58	0°♊03'12	
	-11422 Jul 16 j 08:44	30°♋℞♉	
evening set	-11422 Aug 01 j 14:07	23°♉57'34	
min. Earth dist.	-11422 Aug 03 j 20:13	22°♉35'09	0.26681 AU

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

inferior conj	-11422 Aug 04 j 12:17	22°♉10'24	-8°49'53
minimum elong	-11422 Aug 04 j 13:26	22°♉08'39	8°49'23
morning rise	-11422 Aug 07 j 12:50	20°♉20'04	
direct	-11422 Aug 24 j 15:16	14°♉35'34	
greatest brilliancy	-11422 Sep 03 j 10:27	16°♉26'05	-4.9m
	-11422 Sep 25 j 01:04	0°♊	
asc. node	-11422 Sep 27 j 20:26	2°♊22'34	
morning max el	-11422 Oct 13 j 18:00	17°♊20'21	46°22'19
	-11422 Oct 25 j 22:48	0°♋	
	-11422 Nov 22 j 02:45	0°♌	
	-11422 Dec 18 j 06:27	0°♍	
	-11421 Jan 12 j 22:40	0°♎	
desc. node	-11421 Jan 19 j 04:04	7°♎20'45	
	-11421 Feb 07 j 05:14	0°♏	
	-11421 Mar 04 j 01:46	0°♐	
	-11421 Mar 28 j 12:51	0°♑	
morning set	-11421 Apr 10 j 06:30	15°♑46'48	
	-11421 Apr 21 j 16:19	0°♒	
asc. node	-11421 May 10 j 07:16	23°♒19'48	
max. Earth dist.	-11421 May 13 j 04:07	26°♒56'04	1.71461 AU
	-11421 May 15 j 14:37	0°♓	
superior conj	-11421 May 16 j 08:19	0°♓55'40	0°14'02
minimum elong	-11421 May 16 j 05:30	0°♓46'47	0°13'33
behind sun begin	-11421 May 15 j 16:48	0°♓06'50	
behind sun end	-11421 May 16 j 18:12	1°♓26'44	
	-11421 Jun 08 j 10:11	0°♈	
evening rise	-11421 Jun 23 j 09:52	18°♈53'47	
	-11421 Jul 02 j 05:25	0°♉	
	-11421 Jul 26 j 02:42	0°♊	
	-11421 Aug 19 j 04:11	0°♋	
desc. node	-11421 Aug 31 j 15:00	15°♋24'38	
	-11421 Sep 12 j 11:34	0°♌	
	-11421 Oct 07 j 02:47	0°♍	
	-11421 Nov 01 j 06:11	0°♎	
	-11421 Nov 27 j 09:21	0°♏	
asc. node	-11421 Dec 21 j 01:52	25°♏12'10	
	-11421 Dec 25 j 22:39	0°♐	
evening max el	-11421 Dec 27 j 11:44	1°♐29'14	44°51'26
greatest brilliancy	-11420 Feb 02 j 23:19	28°♐29'31	-4.7m
	-11420 Feb 08 j 14:48	0°♑	
retrograde	-11420 Feb 13 j 10:56	0°♑25'56	
	-11420 Feb 18 j 04:12	30°℞♐	
evening set	-11420 Mar 01 j 11:05	25°♐03'44	
inferior conj	-11420 Mar 05 j 18:39	22°♐28'37	7°07'25
minimum elong	-11420 Mar 06 j 02:25	22°♐16'42	7°05'45
min. Earth dist.	-11420 Mar 07 j 00:47	21°♐42'27	0.28855 AU
morning rise	-11420 Mar 10 j 17:15	19°♐30'37	
direct	-11420 Mar 27 j 16:38	14°♐08'51	
greatest brilliancy	-11420 Apr 08 j 02:06	16°♐28'05	-4.8m
desc. node	-11420 Apr 12 j 14:45	18°♐29'56	
	-11420 Apr 29 j 14:10	0°♑	
morning max el	-11420 May 16 j 16:41	15°♑35'45	46°29'24
	-11420 May 30 j 14:30	0°♒	
	-11420 Jun 26 j 03:37	0°♓	
	-11420 Jul 21 j 03:49	0°♈	
asc. node	-11420 Aug 01 j 22:00	14°♈25'57	
	-11420 Aug 14 j 11:48	0°♉	
	-11420 Sep 07 j 14:11	0°♊	
	-11420 Oct 01 j 17:23	0°♋	
	-11420 Oct 26 j 00:26	0°♌	
	-11420 Nov 19 j 11:18	0°♍	
morning set	-11420 Nov 21 j 20:02	2°♍53'34	
desc. node	-11420 Nov 23 j 02:49	4°♍27'43	
	-11420 Dec 13 j 23:54	0°♎	
max. Earth dist.	-11420 Dec 29 j 00:31	18°♎23'25	1.73818 AU
superior conj	-11420 Dec 30 j 15:06	20°♎21'36	-1°09'48
minimum elong	-11420 Dec 30 j 07:38	19°♎58'42	1°09'49
	-11419 Jan 07 j 11:50	0°♏	
	-11419 Jan 31 j 22:04	0°♐	
evening rise	-11419 Feb 04 j 11:27	4°♐22'35	
greatest brilliancy	-11419 Feb 08 j 21:10	9°♐47'43	-3.9m
	-11419 Feb 25 j 07:15	0°♑	
asc. node	-11419 Mar 14 j 08:14	20°♑57'25	
	-11419 Mar 21 j 16:58	0°♒	
	-11419 Apr 15 j 04:47	0°♓	
	-11419 May 09 j 20:12	0°♈	
	-11419 Jun 03 j 18:02	0°♉	
	-11419 Jun 29 j 04:57	0°♊	
desc. node	-11419 Jul 05 j 19:36	7°♊36'43	
	-11419 Jul 25 j 22:19	0°♋	
evening max el	-11419 Aug 04 j 23:43	10°♋34'00	47°41'21
	-11419 Aug 25 j 19:33	0°♌	
greatest brilliancy	-11419 Sep 14 j 22:58	12°♌39'17	-4.9m
retrograde	-11419 Sep 25 j 05:44	14°♌41'54	
evening set	-11419 Oct 10 j 08:54	9°♌57'58	
min. Earth dist.	-11419 Oct 15 j 13:48	6°♌43'45	0.27896 AU
inferior conj	-11419 Oct 16 j 03:36	6°♌21'31	-2°10'22
minimum elong	-11419 Oct 16 j 08:00	6°♌14'26	2°08'32
morning rise	-11419 Oct 22 j 08:03	2°♌33'55	
asc. node	-11419 Oct 25 j 07:26	1°♌02'14	
	-11419 Oct 27 j 18:13	30°℞♋	
direct	-11419 Nov 05 j 22:06	28°♋15'21	
greatest brilliancy	-11419 Nov 14 j 23:43	29°♋49'13	-4.8m
	-11419 Nov 15 j 12:26	0°♌	
morning max el	-11419 Dec 24 j 21:49	28°♌43'24	46°01'11
	-11419 Dec 26 j 05:44	0°♍	
	-11418 Jan 24 j 07:09	0°♎	
desc. node	-11418 Feb 15 j 17:21	24°♎54'20	
	-11418 Feb 20 j 04:42	0°♏	
	-11418 Mar 17 j 23:01	0°♐	
	-11418 Apr 11 j 22:19	0°♑	
	-11418 May 06 j 07:44	0°♒	
	-11418 May 30 j 07:39	0°♓	
asc. node	-11418 Jun 06 j 20:51	9°♓30'23	
greatest brilliancy	-11418 Jun 12 j 16:05	16°♓49'43	-3.9m
morning set	-11418 Jun 18 j 22:33	24°♓45'11	
	-11418 Jun 23 j 02:05	0°♈	
	-11418 Jul 16 j 18:43	0°♉	
superior conj	-11418 Jul 29 j 06:18	15°♉47'10	1°22'43
minimum elong	-11418 Jul 29 j 03:53	15°♉39'33	1°23'08
max. Earth dist.	-11418 Aug 03 j 09:50	22°♉17'02	1.70816 AU
	-11418 Aug 09 j 12:42	0°♊	
	-11418 Sep 02 j 10:25	0°♋	
evening rise	-11418 Sep 10 j 08:31	9°♋53'09	
	-11418 Sep 26 j 12:58	0°♌	
desc. node	-11418 Sep 28 j 02:48	1°♌57'09	
	-11418 Oct 20 j 20:26	0°♍	
	-11418 Nov 14 j 08:47	0°♎	
	-11418 Dec 09 j 03:41	0°♏	
	-11417 Jan 03 j 10:07	0°♐	
asc. node	-11417 Jan 17 j 12:15	16°♐19'49	
	-11417 Jan 29 j 14:03	0°♑	
	-11417 Feb 26 j 13:24	0°♒	
evening max el	-11417 Mar 09 j 19:01	11°♒03'17	45°33'10
	-11417 Apr 01 j 06:19	0°♓	
greatest brilliancy	-11417 Apr 17 j 22:26	9°♓00'43	-4.8m
retrograde	-11417 Apr 27 j 17:56	10°♓43'20	
desc. node	-11417 May 11 j 01:37	7°♓23'14	
evening set	-11417 May 12 j 04:14	6°♓50'24	
inferior conj	-11417 May 18 j 15:09	3°♓12'42	-1°49'55
minimum elong	-11417 May 18 j 11:00	3°♓18'50	1°49'01

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

min. Earth dist.	-11417 May 18 j 23:12	3°♓00'48	0.26741 AU
	-11417 May 24 j 05:47	30°♑	
morning rise	-11417 May 24 j 17:01	29°♒45'11	
direct	-11417 Jun 08 j 10:28	25°♒36'48	
greatest brilliancy	-11417 Jun 19 j 17:36	27°♒57'11	-4.9m
	-11417 Jun 24 j 04:18	0°♓	
morning max el	-11417 Jul 28 j 23:48	28°♓37'46	46°41'35
	-11417 Jul 30 j 07:53	0°♈	
	-11417 Aug 26 j 14:56	0°♉	
asc. node	-11417 Aug 30 j 10:54	4°♉25'51	
	-11417 Sep 21 j 02:46	0°♊	
	-11417 Oct 16 j 01:10	0°♋	
	-11417 Nov 09 j 21:07	0°♌	
	-11417 Dec 04 j 17:49	0°♍	
desc. node	-11417 Dec 21 j 16:36	20°♍27'09	
	-11417 Dec 29 j 14:08	0°♎	
	-11416 Jan 23 j 07:22	0°♏	
morning set	-11416 Jan 31 j 18:11	10°♏18'47	
	-11416 Feb 16 j 19:42	0°♐	
max. Earth dist.	-11416 Mar 02 j 13:56	18°♐11'28	1.73208 AU
superior conj	-11416 Mar 07 j 01:11	23°♐42'52	-1°07'43
minimum elong	-11416 Mar 07 j 08:09	24°♐04'26	1°08'10
	-11416 Mar 12 j 03:04	0°♑	
	-11416 Apr 05 j 06:50	0°♒	
asc. node	-11416 Apr 10 j 20:30	6°♒55'55	
evening rise	-11416 Apr 11 j 05:57	7°♒25'20	
	-11416 Apr 29 j 08:43	0°♓	
	-11416 May 23 j 10:18	0°♈	
	-11416 Jun 16 j 13:15	0°♉	
	-11416 Jul 10 j 19:56	0°♊	
desc. node	-11416 Aug 02 j 06:06	27°♊23'31	
	-11416 Aug 04 j 09:48	0°♋	
	-11416 Aug 29 j 12:40	0°♌	
	-11416 Sep 24 j 17:29	0°♍	
evening max el	-11416 Oct 14 j 10:03	20°♍52'14	46°02'36
	-11416 Oct 23 j 20:57	0°♎	
asc. node	-11416 Nov 21 j 18:06	20°♎27'45	
greatest brilliancy	-11416 Nov 21 j 18:02	20°♎27'41	-4.8m
retrograde	-11416 Dec 03 j 00:36	22°♎50'14	
evening set	-11416 Dec 19 j 03:40	17°♎42'43	
inferior conj	-11416 Dec 24 j 09:53	14°♎25'52	6°25'19
minimum elong	-11416 Dec 24 j 01:28	14°♎39'26	6°23'47
min. Earth dist.	-11416 Dec 24 j 05:38	14°♎32'43	0.29443 AU
morning rise	-11416 Dec 28 j 23:21	11°♎33'22	
direct	-11415 Jan 15 j 03:45	5°♎54'02	
greatest brilliancy	-11415 Jan 24 j 13:10	7°♎29'01	-4.7m
	-11415 Feb 27 j 02:27	0°♏	
morning max el	-11415 Mar 05 j 00:37	5°♏28'57	46°04'42
desc. node	-11415 Mar 15 j 05:29	15°♏30'56	
	-11415 Mar 29 j 01:17	0°♐	
	-11415 Apr 24 j 18:19	0°♑	
	-11415 May 20 j 00:40	0°♒	
	-11415 Jun 13 j 11:27	0°♓	
asc. node	-11415 Jul 04 j 10:41	26°♓12'12	
	-11415 Jul 07 j 11:08	0°♈	
	-11415 Jul 31 j 05:51	0°♉	
	-11415 Aug 24 j 00:22	0°♊	
morning set	-11415 Sep 03 j 22:38	13°♊44'23	
	-11415 Sep 16 j 22:11	0°♋	
	-11415 Oct 11 j 00:49	0°♌	
superior conj	-11415 Oct 16 j 09:14	6°♌37'28	0°20'43
minimum elong	-11415 Oct 16 j 14:41	6°♌54'20	0°21'00
max. Earth dist.	-11415 Oct 21 j 15:35	13°♌07'55	1.72604 AU
desc. node	-11415 Oct 25 j 15:34	18°♌04'10	
	-11415 Nov 04 j 07:51	0°♍	
evening rise	-11415 Nov 26 j 04:02	26°♍50'50	
	-11415 Nov 28 j 17:41	0°♎	
	-11415 Dec 23 j 05:14	0°♏	
	-11414 Jan 16 j 19:14	0°♐	
	-11414 Feb 10 j 14:14	0°♑	
asc. node	-11414 Feb 13 j 23:01	4°♑02'38	
	-11414 Mar 07 j 17:47	0°♒	
	-11414 Apr 02 j 10:21	0°♓	
	-11414 Apr 29 j 01:20	0°♈	
evening max el	-11414 May 22 j 12:06	24°♈39'31	47°21'51
	-11414 May 27 j 23:34	0°♉	
desc. node	-11414 Jun 07 j 11:52	9°♉33'33	
greatest brilliancy	-11414 Jul 02 j 23:35	25°♉53'07	-4.9m
retrograde	-11414 Jul 12 j 06:50	27°♉32'21	
evening set	-11414 Jul 30 j 01:46	21°♉28'13	
min. Earth dist.	-11414 Aug 01 j 08:10	20°♉05'40	0.26657 AU
inferior conj	-11414 Aug 02 j 00:41	19°♉40'21	-8°50'26
minimum elong	-11414 Aug 02 j 00:54	19°♉40'02	8°49'59
morning rise	-11414 Aug 05 j 00:07	17°♉52'07	
direct	-11414 Aug 22 j 03:51	12°♉06'10	
greatest brilliancy	-11414 Aug 31 j 23:22	13°♉57'23	-4.9m
	-11414 Sep 25 j 11:47	0°♊	
asc. node	-11414 Sep 26 j 22:35	1°♊16'08	
morning max el	-11414 Oct 11 j 08:30	14°♊57'47	46°23'18
	-11414 Oct 25 j 18:02	0°♋	
	-11414 Nov 21 j 17:58	0°♌	
	-11414 Dec 17 j 19:48	0°♍	
	-11413 Jan 12 j 10:58	0°♎	
desc. node	-11413 Jan 18 j 06:16	6°♎51'25	
	-11413 Feb 06 j 16:53	0°♏	
	-11413 Mar 03 j 13:03	0°♐	
	-11413 Mar 27 j 23:56	0°♑	
morning set	-11413 Apr 08 j 01:36	13°♑42'47	
	-11413 Apr 21 j 03:21	0°♒	
asc. node	-11413 May 09 j 09:32	22°♒52'16	
max. Earth dist.	-11413 May 10 j 17:18	24°♒31'59	1.71514 AU
superior conj	-11413 May 14 j 01:01	28°♒42'28	0°10'49
minimum elong	-11413 May 13 j 22:52	28°♒35'42	0°10'21
behind sun begin	-11413 May 13 j 04:57	27°♒39'22	
behind sun end	-11413 May 14 j 16:48	29°♒32'03	
	-11413 May 15 j 01:41	0°♓	
	-11413 Jun 07 j 21:21	0°♈	
evening rise	-11413 Jun 20 j 22:56	16°♈28'14	
	-11413 Jul 01 j 16:44	0°♉	
	-11413 Jul 25 j 14:13	0°♊	
	-11413 Aug 18 j 15:55	0°♋	
desc. node	-11413 Aug 30 j 17:04	14°♋54'27	
	-11413 Sep 11 j 23:35	0°♌	
	-11413 Oct 06 j 15:16	0°♍	
	-11413 Oct 31 j 19:35	0°♎	
	-11413 Nov 27 j 00:55	0°♏	
asc. node	-11413 Dec 20 j 04:16	24°♏27'26	
evening max el	-11413 Dec 25 j 04:02	29°♏19'51	44°52'05
	-11413 Dec 25 j 20:51	0°♐	
greatest brilliancy	-11412 Jan 31 j 14:03	26°♐19'57	-4.7m
retrograde	-11412 Feb 11 j 02:28	28°♐16'55	
evening set	-11412 Feb 28 j 04:57	22°♐51'22	
inferior conj	-11412 Mar 03 j 10:31	20°♐18'30	7°16'07
minimum elong	-11412 Mar 03 j 17:52	20°♐07'11	7°14'34
min. Earth dist.	-11412 Mar 04 j 15:47	19°♐33'29	0.28919 AU
morning rise	-11412 Mar 08 j 06:21	17°♐23'55	
direct	-11412 Mar 25 j 09:28	11°♐57'43	
greatest brilliancy	-11412 Apr 05 j 16:20	14°♐14'23	-4.8m
desc. node	-11412 Apr 11 j 17:01	17°♐02'42	
	-11412 Apr 29 j 22:04	0°♑	
morning max el	-11412 May 14 j 08:23	13°♑20'40	46°28'33

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11412 May 30 j 08:41	0°♒		
	-11412 Jun 25 j 18:18	0°♓		
	-11412 Jul 20 j 16:59	0°♈		
asc. node	-11412 Aug 01 j 00:11	13°♈53'22		
	-11412 Aug 14 j 00:10	0°♉		
	-11412 Sep 07 j 02:06	0°♊		
	-11412 Oct 01 j 05:00	0°♋		
	-11412 Oct 25 j 11:48	0°♌		
	-11412 Nov 18 j 22:27	0°♍		
morning set	-11412 Nov 19 j 09:37	0°♍34'09		
desc. node	-11412 Nov 22 j 05:02	4°♍00'30		
	-11412 Dec 13 j 10:52	0°♎		
max. Earth dist.	-11412 Dec 26 j 23:30	16°♎33'23	1.73806 AU	
superior conj	-11412 Dec 28 j 08:22	18°♎14'02	-1°08'13	
minimum elong	-11412 Dec 28 j 00:33	17°♎50'07	1°08'11	
	-11411 Jan 06 j 22:42	0°♏		
	-11411 Jan 31 j 08:58	0°♐		
evening rise	-11411 Feb 02 j 07:01	2°♐21'36		
greatest brilliancy	-11411 Feb 07 j 14:31	8°♐53'43	-3.9m	
	-11411 Feb 24 j 18:19	0°♑		
asc. node	-11411 Mar 13 j 10:23	20°♑29'27		
	-11411 Mar 21 j 04:22	0°♒		
	-11411 Apr 14 j 16:42	0°♓		
	-11411 May 09 j 08:51	0°♈		
	-11411 Jun 03 j 07:43	0°♉		
	-11411 Jun 28 j 20:25	0°♊		
desc. node	-11411 Jul 04 j 21:54	6°♊57'18		
	-11411 Jul 25 j 17:45	0°♋		
evening max el	-11411 Aug 02 j 15:50	8°♋16'27	47°43'16	
	-11411 Aug 26 j 08:46	0°♌		
greatest brilliancy	-11411 Sep 12 j 16:38	10°♌23'04	-4.9m	
retrograde	-11411 Sep 22 j 21:40	12°♌23'42		
evening set	-11411 Oct 08 j 02:30	7°♌38'05		
min. Earth dist.	-11411 Oct 13 j 05:46	4°♌26'06	0.27840 AU	
inferior conj	-11411 Oct 13 j 19:21	4°♌04'11	-2°30'31	
minimum elong	-11411 Oct 14 j 00:23	3°♌56'03	2°28'30	
morning rise	-11411 Oct 19 j 23:13	0°♌17'19		
	-11411 Oct 20 j 11:49	30°℞♋		
asc. node	-11411 Oct 24 j 09:47	28°♋06'57		
direct	-11411 Nov 03 j 13:10	25°♋59'23		
greatest brilliancy	-11411 Nov 12 j 15:04	27°♋33'20	-4.8m	
	-11411 Nov 18 j 11:38	0°♌		
morning max el	-11411 Dec 22 j 12:46	26°♌29'50	46°01'28	
	-11411 Dec 26 j 03:33	0°♍		
	-11410 Jan 23 j 22:47	0°♎		
desc. node	-11410 Feb 14 j 19:22	24°♎21'24		
	-11410 Feb 19 j 18:01	0°♏		
	-11410 Mar 17 j 11:11	0°♐		
	-11410 Apr 11 j 09:53	0°♑		
	-11410 May 05 j 18:59	0°♒		
	-11410 May 29 j 18:47	0°♓		
asc. node	-11410 Jun 05 j 23:04	9°♓02'18		
greatest brilliancy	-11410 Jun 11 j 17:09	16°♓17'56	-3.9m	
morning set	-11410 Jun 16 j 11:51	22°♓20'17		
	-11410 Jun 22 j 13:13	0°♈		
	-11410 Jul 16 j 05:52	0°♉		
superior conj	-11410 Jul 26 j 16:12	13°♉11'37	1°22'14	
minimum elong	-11410 Jul 26 j 12:45	13°♉00'45	1°22'37	
max. Earth dist.	-11410 Jul 31 j 08:31	19°♉06'16	1.70783 AU	
	-11410 Aug 08 j 23:52	0°♊		
	-11410 Sep 01 j 21:34	0°♋		
evening rise	-11410 Sep 07 j 15:45	7°♋11'17		
	-11410 Sep 26 j 00:10	0°♌		
desc. node	-11410 Sep 27 j 05:02	1°♌29'25		
	-11410 Oct 20 j 07:42	0°♍		
	-11410 Nov 13 j 20:16	0°♎		
	-11410 Dec 08 j 15:38	0°♏		
	-11409 Jan 02 j 23:02	0°♐		
asc. node	-11409 Jan 16 j 14:27	15°♐46'34		
	-11409 Jan 29 j 05:02	0°♑		
	-11409 Feb 26 j 09:35	0°♒		
evening max el	-11409 Mar 07 j 07:31	8°♒42'21	45°30'01	
	-11409 Apr 02 j 06:54	0°♓		
greatest brilliancy	-11409 Apr 15 j 10:31	6°♓37'04	-4.8m	
retrograde	-11409 Apr 25 j 05:20	8°♓19'35		
evening set	-11409 May 09 j 16:11	4°♓26'21		
desc. node	-11409 May 10 j 03:54	4°♓11'21		
inferior conj	-11409 May 16 j 03:24	0°♓48'41	-1°27'00	
minimum elong	-11409 May 16 j 00:06	0°♓53'35	1°26'21	
min. Earth dist.	-11409 May 16 j 13:30	0°♓33'47	0.26793 AU	
	-11409 May 17 j 12:24	30°℞♒		
morning rise	-11409 May 22 j 07:07	27°♒18'38		
direct	-11409 Jun 05 j 23:09	23°♒11'14		
greatest brilliancy	-11409 Jun 17 j 09:02	25°♒33'59	-4.9m	
	-11409 Jun 25 j 23:31	0°♓		
morning max el	-11409 Jul 26 j 12:31	26°♓09'17	46°41'50	
	-11409 Jul 30 j 05:55	0°♈		
	-11409 Aug 26 j 07:09	0°♉		
asc. node	-11409 Aug 29 j 12:58	3°♉45'55		
	-11409 Sep 20 j 16:43	0°♊		
	-11409 Oct 15 j 13:55	0°♋		
	-11409 Nov 09 j 09:07	0°♌		
	-11409 Dec 04 j 05:18	0°♍		
desc. node	-11409 Dec 20 j 18:45	19°♍59'46		
	-11409 Dec 29 j 01:15	0°♎		
	-11408 Jan 22 j 18:16	0°♏		
morning set	-11408 Jan 29 j 12:43	8°♏15'40		
	-11408 Feb 16 j 06:28	0°♐		
max. Earth dist.	-11408 Feb 29 j 11:21	16°♐16'11	1.73256 AU	
superior conj	-11408 Mar 04 j 21:07	21°♐42'53	-1°09'14	
minimum elong	-11408 Mar 05 j 03:51	22°♐03'44	1°09'42	
	-11408 Mar 11 j 13:50	0°♑		
	-11408 Apr 04 j 17:42	0°♒		
evening rise	-11408 Apr 09 j 00:59	5°♒21'17		
asc. node	-11408 Apr 09 j 22:46	6°♒29'04		
	-11408 Apr 28 j 19:49	0°♓		
	-11408 May 22 j 21:43	0°♈		
	-11408 Jun 16 j 01:03	0°♉		
	-11408 Jul 10 j 08:12	0°♊		
desc. node	-11408 Aug 01 j 08:12	26°♊50'48		
	-11408 Aug 03 j 22:47	0°♋		
	-11408 Aug 29 j 02:51	0°♌		
	-11408 Sep 24 j 10:18	0°♍		
evening max el	-11408 Oct 12 j 01:45	18°♍38'16	46°06'29	
	-11408 Oct 23 j 23:01	0°♎		
greatest brilliancy	-11408 Nov 19 j 11:21	18°♎20'36	-4.8m	
asc. node	-11408 Nov 20 j 20:23	18°♎52'07		
retrograde	-11408 Nov 30 j 18:50	20°♎44'25		
evening set	-11408 Dec 16 j 19:05	15°♎39'30		
inferior conj	-11408 Dec 22 j 03:32	12°♎19'26	6°14'13	
minimum elong	-11408 Dec 21 j 18:59	12°♎33'12	6°12'35	
min. Earth dist.	-11408 Dec 21 j 22:12	12°♎28'01	0.29413 AU	
morning rise	-11408 Dec 26 j 19:02	9°♎24'03		
direct	-11407 Jan 12 j 20:37	3°♎47'51		
greatest brilliancy	-11407 Jan 22 j 05:13	5°♎22'32	-4.7m	
	-11407 Feb 27 j 02:45	0°♏		
morning max el	-11407 Mar 02 j 17:53	3°♏23'31	46°04'07	
desc. node	-11407 Mar 14 j 07:46	14°♏48'53		
	-11407 Mar 28 j 17:26	0°♐		
	-11407 Apr 24 j 07:54	0°♑		
	-11407 May 19 j 13:07	0°♒		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

	-11407 Jun 12 j 23:19	0°♓		
asc. node	-11407 Jul 03 j 12:49	25°♓42'28		
	-11407 Jul 06 j 22:42	0°♈		
	-11407 Jul 30 j 17:14	0°♉		
	-11407 Aug 23 j 11:40	0°♊		
morning set	-11407 Sep 01 j 07:42	11°♊06'44		
	-11407 Sep 16 j 09:24	0°♋		
	-11407 Oct 10 j 11:58	0°♌		
superior conj	-11407 Oct 13 j 19:09	4°♌05'12	0°24'22	
minimum elong	-11407 Oct 14 j 01:31	4°♌24'57	0°24'39	
max. Earth dist.	-11407 Oct 19 j 04:20	10°♌44'47	1.72536 AU	
desc. node	-11407 Oct 24 j 17:48	17°♌36'52		
	-11407 Nov 03 j 18:55	0°♍		
evening rise	-11407 Nov 23 j 18:53	24°♍35'24		
	-11407 Nov 28 j 04:41	0°♎		
	-11407 Dec 22 j 16:18	0°♏		
	-11406 Jan 16 j 06:34	0°♐		
	-11406 Feb 10 j 02:07	0°♑		
asc. node	-11406 Feb 13 j 01:11	3°♑33'15		
	-11406 Mar 07 j 06:39	0°♒		
	-11406 Apr 02 j 00:55	0°♓		
	-11406 Apr 28 j 19:11	0°♈		
evening max el	-11406 May 20 j 02:21	22°♈16'31	47°18'41	
	-11406 May 28 j 02:46	0°♉		
desc. node	-11406 Jun 06 j 14:06	8°♉24'22		
greatest brilliancy	-11406 Jun 30 j 10:52	23°♉21'18	-4.9m	
retrograde	-11406 Jul 09 j 19:51	25°♉01'29		
evening set	-11406 Jul 27 j 12:48	18°♉59'50		
min. Earth dist.	-11406 Jul 29 j 19:49	17°♉36'35	0.26632 AU	
inferior conj	-11406 Jul 30 j 12:57	17°♉10'23	-8°50'00	
minimum elong	-11406 Jul 30 j 12:13	17°♉11'30	8°49'34	
morning rise	-11406 Aug 02 j 11:44	15°♉23'26		
direct	-11406 Aug 19 j 16:44	9°♉37'05		
greatest brilliancy	-11406 Aug 29 j 11:47	11°♉28'16	-4.9m	
	-11406 Sep 25 j 19:34	0°♊		
asc. node	-11406 Sep 26 j 00:59	0°♊12'13		
morning max el	-11406 Oct 08 j 22:53	12°♊35'08	46°24'07	
	-11406 Oct 25 j 12:41	0°♋		
	-11406 Nov 21 j 08:54	0°♌		
	-11406 Dec 17 j 08:58	0°♍		
	-11405 Jan 11 j 23:06	0°♎		
desc. node	-11405 Jan 17 j 08:17	6°♎21'54		
	-11405 Feb 06 j 04:23	0°♏		
	-11405 Mar 03 j 00:10	0°♐		
	-11405 Mar 27 j 10:55	0°♑		
morning set	-11405 Apr 05 j 20:47	11°♑39'23		
	-11405 Apr 20 j 14:19	0°♒		
max. Earth dist.	-11405 May 08 j 04:51	22°♒03'01	1.71574 AU	
asc. node	-11405 May 08 j 11:46	22°♒24'44		
superior conj	-11405 May 11 j 17:50	26°♒29'50	0°07'36	
minimum elong	-11405 May 11 j 16:21	26°♒25'11	0°07'08	
behind sun begin	-11405 May 10 j 19:30	25°♒19'42		
behind sun end	-11405 May 12 j 13:12	27°♒30'42		
	-11405 May 14 j 12:43	0°♓		
	-11405 Jun 07 j 08:31	0°♈		
evening rise	-11405 Jun 18 j 12:01	14°♈02'46		
	-11405 Jul 01 j 04:04	0°♉		
	-11405 Jul 25 j 01:44	0°♊		
	-11405 Aug 18 j 03:39	0°♋		
desc. node	-11405 Aug 29 j 19:20	14°♋24'51		
	-11405 Sep 11 j 11:37	0°♌		
	-11405 Oct 06 j 03:48	0°♍		
	-11405 Oct 31 j 09:07	0°♎		
	-11405 Nov 26 j 16:46	0°♏		
asc. node	-11405 Dec 19 j 06:32	23°♏41'36		
evening max el	-11405 Dec 22 j 19:46	27°♏08'56	44°52'53	
	-11405 Dec 25 j 20:01	0°♐		
greatest brilliancy	-11404 Jan 29 j 05:28	24°♐11'24	-4.7m	
retrograde	-11404 Feb 08 j 17:45	26°♐08'31		
evening set	-11404 Feb 25 j 22:49	20°♐39'50		
inferior conj	-11404 Mar 01 j 02:35	18°♐09'08	7°24'01	
minimum elong	-11404 Mar 01 j 09:28	17°♐58'30	7°22'38	
min. Earth dist.	-11404 Mar 02 j 07:11	17°♐24'59	0.28980 AU	
morning rise	-11404 Mar 05 j 19:41	15°♐17'52		
direct	-11404 Mar 23 j 02:00	9°♐47'20		
greatest brilliancy	-11404 Apr 03 j 07:03	12°♐01'47	-4.8m	
desc. node	-11404 Apr 10 j 19:16	15°♐38'36		
	-11404 Apr 30 j 03:39	0°♑		
morning max el	-11404 May 11 j 23:05	11°♑03'21	46°27'32	
	-11404 May 30 j 02:28	0°♒		
	-11404 Jun 25 j 08:54	0°♓		
	-11404 Jul 20 j 06:12	0°♈		
asc. node	-11404 Jul 31 j 02:17	13°♈20'08		
	-11404 Aug 13 j 12:40	0°♉		
	-11404 Sep 06 j 14:09	0°♊		
	-11404 Sep 30 j 16:44	0°♋		
	-11404 Oct 24 j 23:16	0°♌		
morning set	-11404 Nov 16 j 22:49	28°♌13'10		
	-11404 Nov 18 j 09:43	0°♍		
desc. node	-11404 Nov 21 j 07:06	3°♍32'23		
	-11404 Dec 12 j 21:59	0°♎		
max. Earth dist.	-11404 Dec 24 j 20:56	14°♎38'10	1.73791 AU	
superior conj	-11404 Dec 26 j 01:22	16°♎05'14	-1°06'31	
minimum elong	-11404 Dec 25 j 17:15	15°♎40'22	1°06'26	
	-11403 Jan 06 j 09:45	0°♏		
	-11403 Jan 30 j 20:01	0°♐		
evening rise	-11403 Jan 31 j 02:28	0°♐19'50		
greatest brilliancy	-11403 Feb 06 j 08:01	7°♐59'37	-3.9m	
	-11403 Feb 24 j 05:31	0°♑		
asc. node	-11403 Mar 12 j 12:46	20°♑01'46		
	-11403 Mar 20 j 15:54	0°♒		
	-11403 Apr 14 j 04:45	0°♓		
	-11403 May 08 j 21:40	0°♈		
	-11403 Jun 02 j 21:42	0°♉		
	-11403 Jun 28 j 12:21	0°♊		
desc. node	-11403 Jul 04 j 00:01	6°♊16'10		
	-11403 Jul 25 j 14:09	0°♋		
evening max el	-11403 Jul 31 j 06:57	5°♋55'09	47°44'58	
	-11403 Aug 27 j 03:10	0°♌		
greatest brilliancy	-11403 Sep 10 j 10:27	8°♌05'17	-4.9m	
retrograde	-11403 Sep 20 j 12:54	10°♌03'39		
evening set	-11403 Oct 05 j 19:58	5°♌16'02		
inferior conj	-11403 Oct 11 j 10:52	1°♌45'07	-2°50'40	
minimum elong	-11403 Oct 11 j 16:31	1°♌36'01	2°48'29	
min. Earth dist.	-11403 Oct 10 j 21:46	2°♌06'16	0.27783 AU	
	-11403 Oct 14 j 04:44	30°℞♋		
morning rise	-11403 Oct 17 j 13:56	27°♋59'11		
asc. node	-11403 Oct 23 j 12:01	25°♋14'26		
direct	-11403 Nov 01 j 03:32	23°♋41'31		
greatest brilliancy	-11403 Nov 10 j 06:41	25°♋16'14	-4.8m	
	-11403 Nov 20 j 06:58	0°♌		
morning max el	-11403 Dec 20 j 03:07	24°♌13'45	46°01'51	
	-11403 Dec 26 j 00:57	0°♍		
	-11402 Jan 23 j 14:29	0°♎		
desc. node	-11402 Feb 13 j 21:34	23°♎48'23		
	-11402 Feb 19 j 07:30	0°♏		
	-11402 Mar 16 j 23:34	0°♐		
	-11402 Apr 10 j 21:40	0°♑		
	-11402 May 05 j 06:27	0°♒		
	-11402 May 29 j 06:06	0°♓		
asc. node	-11402 Jun 05 j 01:12	8°♓33'23		

Attention, astronomical year style is used: The year -11899 in astronomical counting style is the year 11900 BCE in historical counting style.

greatest brilliancy	-11402 Jun 10 j 17:51	15°♓44'25	-3.9m
morning set	-11402 Jun 14 j 01:39	19°♓56'27	
	-11402 Jun 22 j 00:32	0°♈	
	-11402 Jul 15 j 17:14	0°♉	
superior conj	-11402 Jul 24 j 02:15	10°♉35'46	1°21'34
minimum elong	-11402 Jul 23 j 21:51	10°♉21'52	1°21'55
max. Earth dist.	-11402 Jul 28 j 06:34	15°♉52'37	1.70763 AU
	-11402 Aug 08 j 11:18	0°♊	
	-11402 Sep 01 j 09:04	0°♋	
evening rise	-11402 Sep 04 j 22:40	4°♋27'15	
	-11402 Sep 25 j 11:42	0°♌	
desc. node	-11402 Sep 26 j 07:17	1°♌00'39	
	-11402 Oct 19 j 19:21	0°♍	
	-11402 Nov 13 j 08:09	0°♎	
	-11402 Dec 08 j 04:00	0°♏	
	-11401 Jan 02 j 12:25	0°♐	
asc. node	-11401 Jan 15 j 16:41	15°♐12'01	
	-11401 Jan 28 j 20:37	0°♑	
	-11401 Feb 26 j 06:52	0°♒	
evening max el	-11401 Mar 04 j 20:23	6°♒21'29	45°27'04
	-11401 Apr 03 j 17:38	0°♓	
greatest brilliancy	-11401 Apr 12 j 22:06	4°♓12'26	-4.8m
retrograde	-11401 Apr 22 j 17:31	5°♓55'36	
evening set	-11401 May 07 j 04:26	2°♓01'40	
desc. node	-11401 May 09 j 06:04	0°♓56'07	
	-11401 May 10 j 22:03	30°♓♒	
inferior conj	-11401 May 13 j 15:43	28°♒24'14	-1°04'05
minimum elong	-11401 May 13 j 13:16	28°♒27'51	1°03'42
min. Earth dist.	-11401 May 14 j 03:29	28°♒06'53	0.26845 AU
morning rise	-11401 May 19 j 21:08	24°♒52'09	
direct	-11401 Jun 03 j 12:17	20°♒45'21	
greatest brilliancy	-11401 Jun 15 j 00:04	23°♒10'08	-4.9m
	-11401 Jun 27 j 05:35	0°♓	
morning max el	-11401 Jul 24 j 02:09	23°♓42'42	46°42'00
	-11401 Jul 30 j 03:21	0°♈	
	-11401 Aug 25 j 23:22	0°♉	
asc. node	-11401 Aug 28 j 15:21	3°♉06'30	
	-11401 Sep 20 j 06:52	0°♊	
	-11401 Oct 15 j 02:58	0°♋	
	-11401 Nov 08 j 21:29	0°♌	
	-11401 Dec 03 j 17:11	0°♍	
desc. node	-11401 Dec 19 j 20:50	19°♍30'56	
	-11401 Dec 28 j 12:46	0°♎	
	-11400 Jan 22 j 05:31	0°♏	
morning set	-11400 Jan 27 j 06:49	6°♏10'06	
	-11400 Feb 15 j 17:35	0°♐	
max. Earth dist.	-11400 Feb 27 j 09:42	14°♐22'42	1.73302 AU
superior conj	-11400 Mar 02 j 16:49	19°♐41'05	-1°10'41
minimum elong	-11400 Mar 02 j 23:18	20°♐01'06	1°11'10
	-11400 Mar 11 j 00:57	0°♑	
	-11400 Apr 04 j 04:58	0°♒	
evening rise	-11400 Apr 06 j 20:03	3°♒16'11	
asc. node	-11400 Apr 09 j 01:00	6°♒00'53	
	-11400 Apr 28 j 07:18	0°♓	
	-11400 May 22 j 09:28	0°♈	
	-11400 Jun 15 j 13:09	0°♉	
	-11400 Jul 09 j 20:46	0°♊	
desc. node	-11400 Jul 31 j 10:31	26°♊17'54	
	-11400 Aug 03 j 12:04	0°♋	
	-11400 Aug 28 j 17:25	0°♌	
	-11400 Sep 24 j 03:48	0°♍	
evening max el	-11400 Oct 09 j 18:18	16°♍25'10	46°10'12
	-11400 Oct 24 j 03:16	0°♎	
greatest brilliancy	-11400 Nov 17 j 04:31	16°♎11'35	-4.8m
asc. node	-11400 Nov 19 j 22:38	17°♎11'18	
retrograde	-11400 Nov 28 j 13:07	18°♎36'28	
evening set	-11400 Dec 14 j 10:25	13°♎34'20	
inferior conj	-11400 Dec 19 j 21:00	10°♎10'56	6°02'25
minimum elong	-11400 Dec 19 j 12:23	10°♎24'48	6°00'44
min. Earth dist.	-11400 Dec 19 j 14:23	10°♎21'35	0.29380 AU
morning rise	-11400 Dec 24 j 14:36	7°♎12'35	
direct	-11399 Jan 10 j 13:44	1°♎39'50	
greatest brilliancy	-11399 Jan 19 j 20:36	3°♎13'38	-4.7m
	-11399 Feb 27 j 02:31	0°♏	
morning max el	-11399 Feb 28 j 11:14	1°♏17'04	46°03'29
desc. node	-11399 Mar 13 j 10:02	14°♏06'06	
	-11399 Mar 28 j 09:44	0°♐	
	-11399 Apr 23 j 21:46	0°♑	
	-11399 May 19 j 01:51	0°♒	
	-11399 Jun 12 j 11:29	0°♓	
asc. node	-11399 Jul 02 j 14:57	25°♓11'52	
	-11399 Jul 06 j 10:33	0°♈	
	-11399 Jul 30 j 04:52	0°♉	
	-11399 Aug 22 j 23:10	0°♊	
morning set	-11399 Aug 29 j 17:17	8°♊30'00	
	-11399 Sep 15 j 20:49	0°♋	
	-11399 Oct 09 j 23:20	0°♌	
superior conj	-11399 Oct 11 j 05:08	1°♌32'20	0°27'59
minimum elong	-11399 Oct 11 j 12:23	1°♌54'47	0°28'13
max. Earth dist.	-11399 Oct 16 j 19:25	8°♌28'00	1.72473 AU
desc. node	-11399 Oct 23 j 19:52	17°♌08'20	
	-11399 Nov 03 j 06:13	0°♍	
evening rise	-11399 Nov 21 j 09:32	22°♍18'24	
	-11399 Nov 27 j 15:59	0°♎	
	-11399 Dec 22 j 03:41	0°♏	